



STARTUP PROFILES

Cohorts 1 – 13





Brigade Real Estate Accelerator Program (REAP) is Asia's First PropTech focused Accelerator Program. Within a year of commencement of the program, Brigade REAP was recognized amongst the Top #3 Real Estate accelerators in the world by Archipreneur magazine.

Its success over the past 7 years has established the emergence of PropTech as a critical sector for India's progress.

AN OVERVIEW OF BRIGADE REAP

Started in October 2016 under the vision and leadership of Nirupa Shankar, Brigade REAP (Real Estate Accelerator Program) was established with a clear objective: to comprehend the challenges confronted by the real estate and construction industry and pave the way for innovative startups to revolutionize the sector through cutting-edge solutions.

Over the years, REAP has evolved into a dynamic platform that identifies, nurtures, and validates disruptive technologies capable of catalyzing the rapid adoption of technology within the industry. Recognizing the challenges faced by the sector, REAP has fostered a thriving ecosystem that nurtures, validates, and amplifies the impact of innovative startups. These disruptive ventures are revolutionizing the industry with cutting-edge

solutions spanning air quality monitoring, home automation, rapid 3D modeling, Climate tech, Alternate Material, Construction site management, Last yard delivery and more.

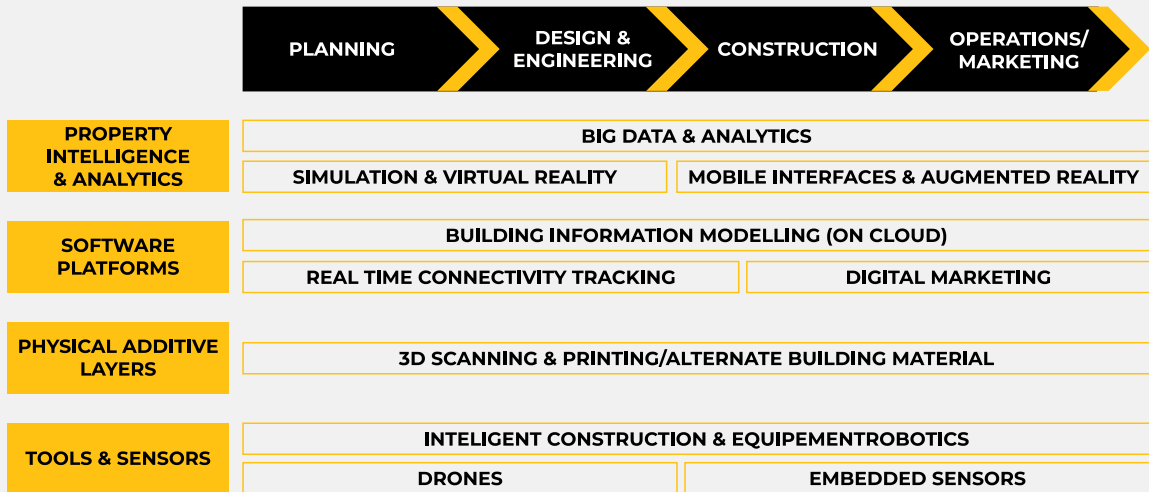
Supported by a robust network of seasoned mentors, strategic partnerships, and investor access, REAP is driving significant cost savings, revenue maximization, and process efficiencies for real estate developers. Together, we are shaping the future of the built environment and paving the way for a technologically advanced and sustainable industry.

With over 2500 applications till date, Brigade REAP, through its rigorous evaluation process has mentored more than **60 startups across 13 cohorts, as of June 2023.**



We are incredibly humbled and grateful for being chosen by Startup India, DPIIT, Government of India as the top accelerator in India, at the National Startup Awards 2020

Technology Application across the construction life cycle



Startups with disruptive technologies are delivering value across diverse applications such as Air Quality Monitoring, Alternate Material, Construction site management, Home Automation, Last Mile Delivery, Parking Management, Perimeter Fencing, Radiation Detection & Reduction, Rapid 3D Modelling, Renovation, Security Management, Sewage Treatment, Sustainability, Urban Landscaping, Virtual Reality, Water Conservation etc.

Through its well-established network of over 50 veteran mentors, domain experts, investor access, deep industry relationships, corporate partnerships, access to a structured program, & the expertise of in house mentors, REAP startups are adding value to India's Real Estate developers- both big and small.

Proptech@REAP- India's first Proptech Syndicate fund

PropTech being a relatively young vertical, many startups find it difficult to raise funds during the early stage of their journey. Many of our promising startups have taken anywhere between 12 to 18 months to raise seed money despite having demonstrated product market fit & traction.

In order to bridge this gap Brigade REAP launched a dedicated fund for early stage PropTech startups to support them in their journey to provide disruptive and innovative solutions to help catalyze the adoption of technology by the Real Estate sector.

We aim to invest in PropTech startups both from within the Brigade REAP accelerator portfolio and outside.

For more details, visit www.brigadereap.com

START UP RECOGNITION

Recognition of the effectiveness of the program is reflected in the fact that REAP startups have won many accolades both in India and globally over the years.

- › **Forbes 30 under 30**
Four young entrepreneurs mentored by Brigade REAP made it into Forbes 30U30.

Shriti Pandey, Strawcture,
Sunder Jagannathan, PropVr
Aayush Jha & Udayan Banerjee, Clairco
- › **Acquired by Squareyards**
Brigade REAP mentored startups PropVR & Props{AMC} that got acquired by Square Yards
- › **Featured in KPMG Real Estate Report**
Four REAP mentored startups — WEGOT, Snaptrude, RealX and Prop{AMC} — got featured in the Global KPMG report of Real Estate Innovation overview. This shows the recognition of our startups at a global level
- › **REAP startups sweep NASSCOM CBRE Disruptech awards function**
In the NASSCOM-CBRE Disruptech, the chosen startups are all mentored by Brigade REAP — PropVr, Qwikspec and WeGOT
- › **United Nations Recognition**
ECOSTP addresses six UN Sustainable Development Goals (SDGs) and is selected as a Best Practice case study for United Nations ESCAP SDG Sustainability Asia Pac report
- › **WeGOT National Winner of JLL PropTech Event**
- › **Thread Group Award**
Spintly wins the Innovation Enabler Award
- › **PM Modi at Favo Robotics**
Hon'ble Prime Minister, Shri. Narendra Modi Ji along with various other Govt. officials visited the Favo Robotics stall at GHTC-IHTM Lucknow Expo, 2021.
- › **Clairco at Tech India Transformation Awards**
Brigade REAP mentored startup, Clairco received 'GreenTech startup of the year' award at Tech India Transformation Awards.
- › **RecycleX at ITC Youth Ecopreneur Awards**
RecycleX won the first edition of the ITC youth Ecopreneur awards, organized by International Trade Centre, a joint body of World Trade Organization and United Nations.
- › **Spintly listed as 101 Consumer electronics companies**
Spintly got listed among top 101 Consumer electronics companies in India alongside companies like Jio, boAt, Voltas Limited, Bajaj Electricals Ltd and others.
- › **Totality at Realty Conclave & Excellence Awards 2021**
Totality won the award for the 'PropTech website of the year'
- › **WeGOT at National Startup Awards 2021 #startupindia**
Winner in the drinking water sector at the National Startup Awards 2021 in the water and water networks category

EVANGELIZING PROPTECH GLOBALLY

Over the years REAP has played a tremendous role in activating the PropTech ecosystem globally through various initiatives and events. This include organizing global summits, releasing white papers and partnerships with global partners such as Taronga, StartAD, Shadow ventures, PropTech Africa and more.

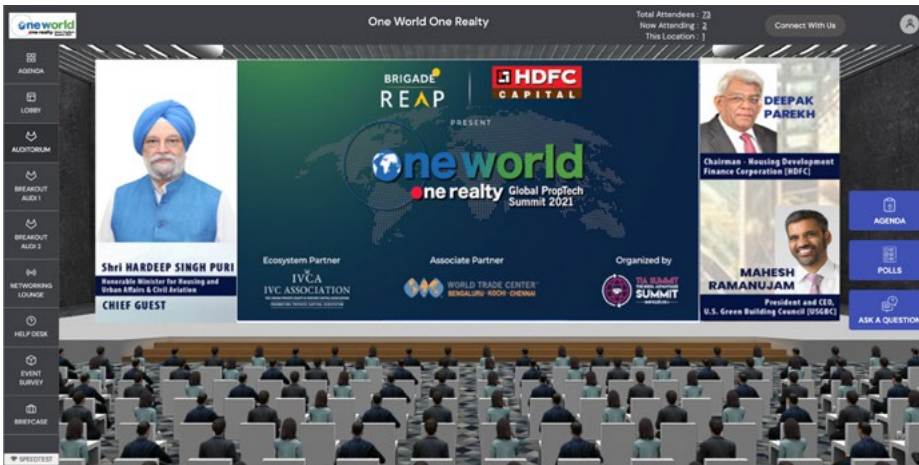


Whitepapers and Surveys

Brigade REAP conducted a survey with the leading Real Estate developers to uncover the pain points and to get a view on how PropTech companies can help, Get more insights from our report [here](#)

Brigade REAP Live Stream

Fireside chats/talks by industry experts on topics such as entrepreneurship, product, design, sustainability, affordable housing.



GLOBAL SUMMIT: On International Earth Day

Brigade REAP in association with HDFC Capital hosted an international summit “One World One Realty” The event saw more than 2000 participants from 8 countries. [Click here to view full session videos](#)

BRIGADE REAP
PERFORMANCE REPORT

60

Startups Mentored

1400

Direct Employment Generated

45%

Raised Funding

25

Patents filed by REAP Startups

~490%

Average Increase in Revenue

23%

Women Led Startups

100%

Business from RE Cos.

3

Startups Acquired

~\$161Mn

Startup Valuation

1

Startups Shut

1

Exit Delivering
~50% IRR

PARTNERSHIPS

ENTERPRISES



Terwilliger Center for
Innovation in Shelter

ACADEMIA



GOVERNMENT



Index

SUSTAINABILITY

[Aegeus](#)
[ECOSTP](#)
[Natura](#)
[Pelican Kenterra](#)
[PotholeRaja](#)
[Pykke](#)
[RecycleX](#)
[Smarter Dharma](#)
[Strawcture Eco](#)
[Troncart Solutions](#)
[Vision Earth Care](#)
[WEGOT](#)

SMART SPACES

[Cablesmith](#)
[Charzer](#)
[Clairco](#)
[FacTech](#)
[Frisson](#)
[IQnext](#)
[Kardle](#)
[LiteStore](#)
[LiveSafe](#)
[Panlys](#)
[Snaptrude](#)
[Spintly](#)

CONSTRUCTION TECH

[Blueprint](#)
[CC Precast](#)
[QuikSpec](#)
[Strayos](#)

Index

REAL ESTATE INTELLIGENCE

[CRE Matrix](#)
[HomeHub](#)
[Navanc](#)
[Props{AMC}](#)
[Realtimate](#)
[Reomnify](#)

CUSTOMER DELIGHT

[Aapka Painter](#)
[Exprs](#)
[iDesign.Market](#)
[KOTS](#)
[ZeeSense](#)

DIGITAL MARKETING

[Metroguild](#)
[PropVR](#)
[REPP Tech](#)
[Totality](#)

MARKETPLACE

[GoFloaters](#)
[JustFence](#)
[Renewate](#)
[Woodzon](#)



SUSTAINABILITY

Aegeus
ECOSTP
Natura
Pelican Kenterra
PotholeRaja
Pykke
RecycleX
Smarter Dharma
Strawcture Eco
Troncart Solutions
WEGOT
Vision Earth Care

Aegeus

Protecting Assets, Improving Efficiency



PRODUCT

Unicorn - Intelligent Waterless Solar Panel Cleaning Robot. Dust accumulated on the surface of a photovoltaic module decreases the radiation reaching the solar cell and produces losses in the generated power. Unicorn is a revolution in solar panel cleaning technology. It is an IOT/Cloud connected Smart Robot with Machine learning capabilities. It can acquire weather information, if there is rain predicted does not operate. It senses dust levels and cleans accordingly. It can differentiate dust from bird droppings or panel breakage and acts accordingly.

Unicorn is modular in design and can be customised for different panel configurations. It is designed for Indian installations with uneven surfaces and undulation, suited for both Roof Top and Ground Mount farms irrespective of the size and geography. Its Unique airwash technology ensures there is no need for water or harmful chemicals. It is self-cleaning, self-powered providing high reliability of cleaning thereby ensuring improved efficiency. Unicorn thus ensures reliable and quick cleaning thereby assuring Quick Return on Investment and is environment friendly



BENEFITS

Intelligent Water-less Solar Panel Cleaning Robotic solution Shreem exclusively designed for the Rooftop Solar Projects. First of its kind in Unique Airwash Technology, autonomous operation, highly portable and efficient. At Aegeus Technologies, we are focused on improving efficiency, protecting the environment

- › Waterless & Chemical Free
- › Fast & Efficient Cleaning
- › Light & Portable
- › Intelligent operation
- › Weather monitoring
- › Quick ROI
- › Flexibility : Autonomous / Mobile App / Remote / RF operated

CUSTOMERS TESTIMONIALS

“The cleaning performance of the Aegeus Solar Cleaning Robot is perfect. No Similar result can be achieved with common hand cleaning. Aegeus achieves top quality cleaning also for very heavy soiling. In terms of price, their products are absolutely competitive.” — *Anisha, Bangalore*

“Revolutionizing solar ROI for leading energy conglomerates. Pleasure to associate with Aegeus. Thank you for the support.”
— *Rahul, Bangalore*

IMPACT

Our presence proves a point. Aegeus team brings broad and multidisciplinary experience with proven track records in revolutionary product development, engineering, operations and management



TEAM

Suraj Vernekar
Co-Founder & CEO

CONTACT

info@aegeus.in
+91 9901 856 695
www.aegeustechnologies.com

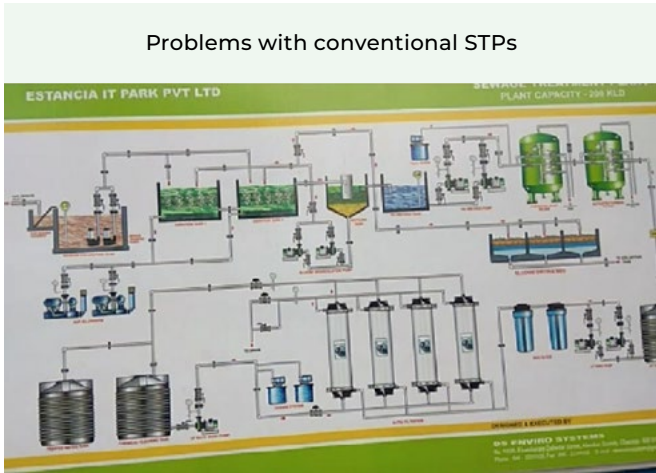
ECOSTP

“Zero Power Zero Maintenance” sewage treatment technology



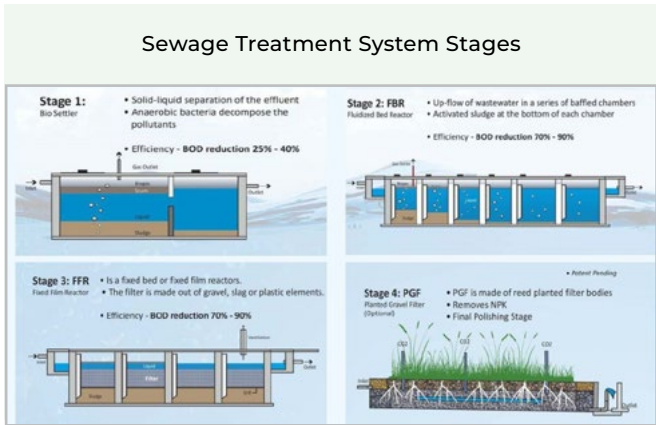
PROBLEM

The conventional STPs need power to function and India has limited power supply, having an energy shortage of 5.1 %. Conventional STPs release a strong odor which is a very common complaint from numerous housing communities and even commercial buildings. They also need constant monitoring and occupies large space. The above factors make it difficult to treat India’s waste water and as a result, today 93% of sewage in India is left untreated.



SOLUTION

ECOSTP is a patent pending sewage technology, based on gravity and natural principles. It works independent of power supply and daily surveillance. It is a tailored solution considering specific site conditions and client requirements to offer economic and ecological option for sewage treatment. The solution can treat waste ranging from 1 Kilo litres per day to 1 Million Litres per day. The Sewage water flows through multiple chambers and the anaerobic bacteria decomposes the pollutants resulting in treated water.



BENEFITS

100%
SUSTAINABLE

This unique technology does not use chemicals or energy to treat the water, but rather mimics the processes of the nature, by using a combination of microorganisms, plants and gravel to clean sewage water and return clean water back to mother earth completing the 'cradle to cradle' sustainable lifecycle.

0%
ENERGY USAGE

Compared to conventional STPs which use energy hogging motors, exhaust fans, pumps, blowers etc. our patent pending ECOSTP technology produces energy. In fact this is a paradigm shift in wastewater treatment - **from consuming energy to producing energy.** A 200 KLD ECOSTP based sewage treatment plant can generate 50KL/day Biogas, energy equivalent of 25 litres of Diesel.

5%
SLUDGE CREATION

Due to the nature of the vigorous treatment, conventional STPs generate high quantity of pathogen loaded sludge, which needs to be removed frequently. ECOSTP technology ensures much lesser sludge creation – only 5% as compared to sludge creation in traditional STPs. **Sludge needs to be removed only once in 2 years.**

CUSTOMERS

- › Tata Steel
- › TCB K.T.P.O
- › Zero Gravity
- › Adarsh Developers
- › BHEL
- › Brigade
- › Kasu
- › Maruthi
- › Methode Electronics
- › Repton School
- › Saakar

CUSTOMERS TESTIMONIALS

“ECOSTP is our customer value differentiator. Our monthly maintenance bill for homes will be low thanks to ECOSTP.” — **Serene Nest, Bangalore**

“We have chosen ECOSTP as our STP Partner after meeting their happy customer”
— **Zoho Corporation, Chennai**

TEAM

Tharun Kumar

Founder and CEO

He drives the strategic vision and manages the day to day operations. Proven experience in creating sustainability ‘businesses’ and ‘products’ from scratch hands on, institutionalizing processes and energizing teams.

Praseed KK

COO

He comes with deep experience in product delivery and manages the day to day operations, PMO and finance of the company. Past experience in leadership roles in leading software companies.

Dr. E. Muralidharan

CTO

Dr.Murali leads the R&D team and is responsible for improving ECOSTP’s underlying technology. He is an M.S.and Ph.D.- IIT, Madras and Post Doctoral Fellow from NIH Georgia Tech. His research papers are published in more than 50 International Journals / Conference Proceedings.

CONTACT

team@ecostp.com

+91 72590 02986

www.ecostp.co

Natura

Urban plantscaping using innovative technology



NATURA
Urban Plantscaping

CONTEXT

Natura GreenTech is a pioneer in the Urban Plantscaping space helping create easy to maintain green spaces while creating better breathing environments and reducing energy costs.

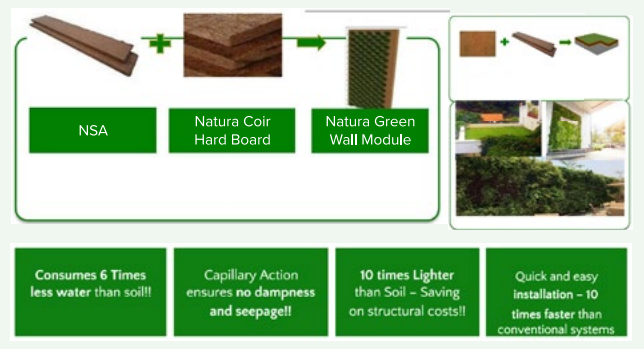
Urbanisation has had a massive impact on water availability, pollution levels and temperature change. Groundwater depletion in India is the worst in the world. Construction generates over 40 mil tons of Carbon di-oxide globally. The world has warmed by 1 degree and we are track for 3 degrees warming.

PROBLEM & SOLUTION

There is an immediate need for cleaner air, reduced carbon emissions and overall control on global warming.

Natura has developed the Natura Super Absorbent Polymer Substrate (NSAP) a proprietary light weight modular media slab which is easy to use and which requires 6 times lesser water than soil based media. Combining natural coir fibre with a proprietary adhesive and compression formula, Natura has also developed the Natura Geo mat and the Natura Coir Hard Board. These materials are natural insulants and thereby help reduce temperatures by up-to 6 degrees Celsius.

Natura Greentech Urban Plantscaping



A unique combination of the above materials leads to the Natura Green Wall, Natura Green Roof & Natura Plantscaping solutions.

Natura provides Green Wall, Green Roof and Interior Plantscaping Solutions which improve air quality by capturing air pollutants, increasing Oxygen content in the room and reducing temperatures thereby improving Public Health and reducing energy utilisation and costs.

CUSTOMERS

- › Honeywell
- › Myntra
- › Brigade
- › Sheraton
- › Titan
- › Courtyard by Marriot
- › Sabre
- › PayPal
- › Philips
- › Oracle
- › Nike
- › RedHat
- › Park Plaza
- › IG
- › Nandana Palace
- › Amagi
- › Redifice
- › Valtech

CUSTOMERS TESTIMONIALS

“Post Installation of Natura’s Green wall system at our Melange café we have seen a visible change in the footfall ” — **Park Plaza**

“Definite impact on Company Image, employees can be seen using the space to interact and work on a regular basis” — **Myntra***

“In our conventional system we were using water thrice a day. With Natura’s System we have reduced the frequency and watering is done once in 2 days” — **Liftek**

TEAM

Natura was founded by **Tommy Mathew** and has over 2 decades of fibre based products and expertise with a focus on the Green Urban Space since 2013. Natura has serviced nearly a 100 clients and is associated with brands like Brigade, Myntra, Honeywell, Nike, Oracle, Mariott etc.

CONTACT

Abhishek Thomas
 +91 99000 96104
abishek@naturaindia.com

*Increased Natura Green wall area from 291 SFT to 917 SFT

Pelican Kenterra

One stop solution for sustainable waste management



PROBLEM

Piles of biodegradable waste are composted to piles of manure with limited use in cities with nowhere to go. Farmers find it costlier and toxic. While loads of biodegradables (good source of planting media) are dumped in outskirts, many trucks carry mountain/farmland soil for urban gardening creating huge carbon footprint, destroying one ecosystem for greening other. Segregation responsibility is easily passed on due to lack of accountability in supply chain. Current SWM solutions have to be sourced from multiple vendors and hence responsibility cannot be fixed. Current SWM practices are unsustainable.

SOLUTION

Our patent pending, lingo-cellulolytic inoculum, can rapidly decompose vegetative/ animal residues into soil-less planting media with very low EC value. This can replace soil used in urban gardening. Based on the inoculums, we have developed many gadgets like bucket bin, compost to garden kit, byobin for source level composting at individual houses and residential colonies. We also have patented a biodegradable based, soil less median gardening module. Planting media in the medians rapidly decompose enabling repeated addition of biodegradables. Thus, thousands of square meters of medians will be the primary biodegradable waste management destination in



India and will be perennial sink for biodegradables. This completely avoid soil mining from mountains and farmlands.

We have also developed a comprehensive waste management service module for residential colonies in which, against a monthly fee, we provide complete waste management, inclusive of capital equipments, consumables and manpower. The single point solution provides complete accountability for appropriate forward linkage. Compost from the process is used for soil less median gardening. The median gardening and commercial branding are additional revenue centre. We are in the process of developing road barriers/ curb with non-biodegradables. A taller curb will help by accommodating more biodegradable waste.

CASE STUDY

1. Apartment complex waste management: Over 700 houses from 9 apartment complexes are now composting at source, converting biodegradable waste into soilless planting media which is used in Kochi Metro median. Their non-biodegradable waste is sent for recycling while sanitary waste is sent for centralised incineration – a zero waste, no burn system
2. Zero carbon soil less metro median gardening: we use around 10MT of compost and garden waste in one median. Currently we are operating 35 medians consuming 350MT of biodegradables every year and reducing around 100 truckloads of transport
3. House hold Composting solutions: 3 locations are now scaling source level composting. The first is Kottakakam residents' association in Tripunithara, Kochi where around 300 houses are now composting at source. In Ravipuram ward, the councillor Sasikala is leading a program to take the ward to zero waste ward. In ward 36, we have reached 100 houses zero waste. All these by supplying bucket bins or byobins along with Composorb.



Zero carbon soil less metro gardening



BYOBINS for apartment complexes

ACHIEVEMENTS

- › Kenterra's Compostorb have been selected under the Swachh Technology challenge by Govt of India after being recommended by Cochin Corporation and Govt of Kerala
- › Kenterra is the first company to sign up with KEIL (Kerala Environmental Infrastructure Limited) for transporting sanitary waste for centralized processing.

TEAM

C N Manoj

Director

Priya Rao

Director

Baburaj P

Operations Manager

Seshadri Nathan

Finance Advisor

Vishnu

Balakrishnan P

Sales Executive

CONTACT

C N Manoj | +91 99617 87333

manoj@kenterra.in

www.kenterra.in

PotholeRaja

Enabling Pothole-Free roads in India



PROBLEM





1. Potholes are one of the major causes of the increasing road accidents and death in India. 10 people die every day because of potholes.
2. Road maintenance cost rises due to untimely maintenance & old traditional methods of maintenance techniques.
3. There is no timely assessment of roads to identify the issues beforehand. Most of the work is done as corrective maintenance.
4. Old traditional methods of road construction, high maintenance cost, less life.

Over 9300 deaths, 25000 injured in 3 years due to potholes

Ministry of Road transport and Highways provided figures of 2015, 2016 and 2017 and compiled data of persons killed due to pot holes in road accidents.

SOLUTION

PotHoleRaja Cold Mix · Road repair & maintenance

 <p>Potholes / road issues are Reported with GPS location & pictures using App / WhatsApp / Flying drones</p>	 <p>Work Order based intervention. AMC for Road Repair & Maintenance</p>	 <p>Use of eco-friendly cold asphalt, plastic waste & crumb rubber to fix roads.</p>	 <p>Work Completed within 5 days- Live tracking online</p>
	 <p>Enable Transgender Friends for alternative career</p>		 <p>Employee & Citizen Engagement</p>

PotHoleRaja® GridMats™

Road Construction from recycled plastic waste — An innovative & unique solution for road construction from recycled plastic waste.

CUSTOMERS

- › Toyoto
- › Nissan
- › Sasken
- › Diageo
- › Citrix
- › RMZ
- › Lenovo
- › McAfee
- › Target
- › Mercedes
- › KPMG
- › VM Ware
- › Moody's
- › MoveInSync
- › Good Year
- › Intel
- › JSW
- › Hyundai
- › ITC Hotels
- › Namma Metro
- › ABB
- › UL

CUSTOMERS TESTIMONIALS

"PotHoleRaja is a unique and much needed initiative. I am happy to see that there is someone who cares about our roads and safety. I lost my daughter in road accident. We are very happy to support and partner for this social cause by engaging our employees, raising funds and volunteering for fixing potholes."

— *Sanjay T, Qwiksilver*

"I have seen many CSR drives and initiatives, this is very unique and innovative. When I first interacted with Dr. Prathap, I was awed by his drive and passion. We need encouraging people like him to come up and solve our public issues. We are supporting PotHoleRaja team under our CSR, technology and employee engagement initiatives and look forward to make our roads safer and commutable." — *Shilpa D, CSR Head, Bosch*

"We do a lot of public safety research and set standards around the world. But most of our work is not the last mile actual impact on roads and public safety. But when we heard about Prathap and his pothole initiative on radio and saw the article on paper, we were convinced that we should partner and enable them to make it large." — *Venkitachalam, VP, Underwriters Laboratories*

ACHIEVEMENTS

- › 8500+ potholes fixed in 9 cities
- › Apart from Brigade REAP, incubated at Social Alpha.
- › Top 25 startups at WhatsApp India challenge
- › Top 100 startups at Maharashtra state innovation challenge.
- › Best social impact project awards with Fever 104 FM & 93.5 Red FM

TEAM

Prathap B (Ph.D)

Founder & CEO

- › Ex-Fighter Pilot - IAF
- › 11 yrs. in corporate
- › Last Job- Global Vice President HP
- › 10yrs. as Entrepreneur
- › 6yrs. as Social Entrepreneur
- › 3 Masters Degree, 2nd Ph.D submitted, 15 + global certifications
Cummins Inc, USA

Sourabh Kumar

Co-Founder & Chief Operating Officer

- › 3yrs. at HP as Software Engineer
- › 4 years as an Impact Entrepreneur.
- › MBA - SP Jain, Mumbai

CONTACT

prathaap@groundreality.org

+91 99727 11331

www.potholeraja.com

Pykke

Re-imagining Road Maintenance



PROBLEM

Over 4000 lives are lost on an average from road accidents every year in India and around 5% of India's GDP is lost due pothole related accidents every year.

All of this from a problem like potholes which has a very easy solution

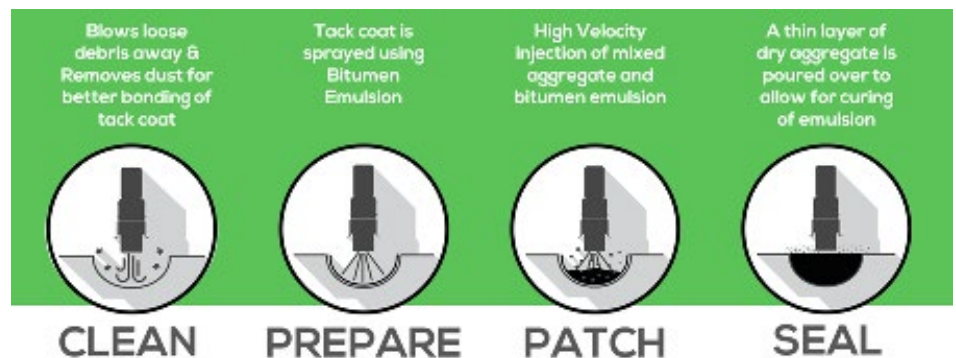
SOLUTION

Automated all weather self-contained machines – that are easily deployed and potholes can be repaired within 5 minutes and the surface instantly opened to traffic. These machines use spray injection of cold mix material, which is a mix of stone aggregate and rapid setting bitumen emulsion. This material can be used across the year in all weather conditions and hence can provide preventive maintenance of roads instead of reactive maintenance. With preventive maintenance of roads, the infrastructure owner can save 90% of their yearly road renewal budgets.

Using a cold mix instead of the traditional hot mix, we also reduce 80% of the GHG emissions produced in road repairs. Ours is an all-weather, sustainable, quick and effective way of maintaining roads.

We have also developed an inhouse Computer vision & AI based solution to detect and measure pothole dimensions to give accurate results of work done and maintain complete transparency in reporting.

PRODUCT





Identification & Detection of potholes through machine mounted camera module and using Computer Vision & AI



Calculating the area of potholes repaired by using LIDAR. Complete transparency in terms of the material used and work done

TEAM

Akshay Uppal
Natalia Sharma

CONTACT

Akshay Uppal
+91 97112 07020

RecycleX

Recycling Plastic Waste into Building Materials



PROBLEM

Majority of the waste generated in India reaches landfill even though most of it can be recycled. With rapid urbanization and industrialization, the amount of waste generated in India has exponentially grown in the last two decades. Waste such as plastic, Industrial, construction and demolition (C&D) waste end up in landfills due to inefficient system, expensive transportation and lack of segregation. Waste such as plastic can still be recycled but it has heavy footprint in terms of CO2 emissions. Apart from plastic waste, C&D and Industrial waste has no setup in Tier-2 cities and below, where it can be utilized.



SOLUTION

RecycleX has developed products such as Paver Blocks, Tiles and Kerbstone that are made from 100% recycled materials. The materials include sand and aggregate procured from C&D waste, Industrial waste such as fly ash, air pollutant carbon and Plastic waste. Our product utilizes waste that has no alternate solution and ends up in landfills. Not only our product uses waste but it adds value to the supply chain as we procure the waste providing some revenue in return. Apart from this, Plastic waste from the landfills can be picked by rag pickers which can again be utilized by us without any carbon footprint and providing employment to many.



CASE STUDIES

1. Akhod Village, Dahej, Gujarat.

Technip Energies have donated a swachh centre unit in Akhod village in Dahej, Gujarat. All the plastic waste collected by the villagers is stored at the swachh centre. RecycleX, then collects their waste and uses it as raw materials and manufacture paver blocks. These blocks have been installed in the village school.



2. Concept Biotech, Vadodara, Gujarat.

Dr. Suneet Dhabke has installed a Swachh Centre in Vadodara, Gujarat. RecycleX collects their waste and manufacture paver blocks and install them at nearby villages.



We work with corporate partners for village upliftment deals with the waste menace faced by communities and recycling it to create better infrastructure in the form of establishing toilets, schools, paver roads and landscaping. We support efforts that focus on improving the lives of women and children, preventing disease and creating end-to-end solutions to manage waste generated by urban and rural areas. We have formed partnerships with NGOs like SWACHHALAY and HAND IN HAND, for awareness campaigns and waste clean-ups.

ACHIEVEMENTS

- › RecycleX, has won the first Youth Ecopreneur award from International Trade Centre, A joint body of World Trade Organization & United Nations. RecycleX was selected as the best startup in the field of waste management around the globe with more than 650 Applications.
- › RecycleX has won the INDIA AUSTRALIA CIRCULAR ECONOMY CHALLENGE (I-ACE HACKATHON) and was awarded as India's SME winner in the plastic waste reduction challenge.
- › RecycleX Pvt. Ltd., Runner up of the 2021 SEED Low Carbon Award in INDIA.
- › RecycleX has been incubated by The Incubation's Network Global Innovation Challenge: Future of Flexibles.

TEAM

Vedant Gandhi

Co-Founder & Director

Abhishek Chhazed

Co-Founder

Naina Chhazed

Business Development Associate

Aditi Modi

Consultant

Deepak Modi

Operations & Logistics

CONTACT

info@recyclex.in

+91 8460058437, + 91 937207997

www.recyclex.in

Smarter Dharma

Delivering sustainability through cost and resource optimization



PROBLEM

The Indian Real Estate industry is estimated to be among the fastest growing sectors over the next decade. However, escalating costs due to limited resources, increasing operational expenses, tighter regulation and increasing demand from customers for environmental solutions are making it necessary to embrace more sustainable & effective construction practices.

SOLUTION

SD+ is a data analytics platform that provides every user with real-time decision making capability at each stage of construction lifecycle; to gain economic, environmental and social benefits. It provides builders with the power to design low carbon, high performing buildings which are future ready.

SD+ Features

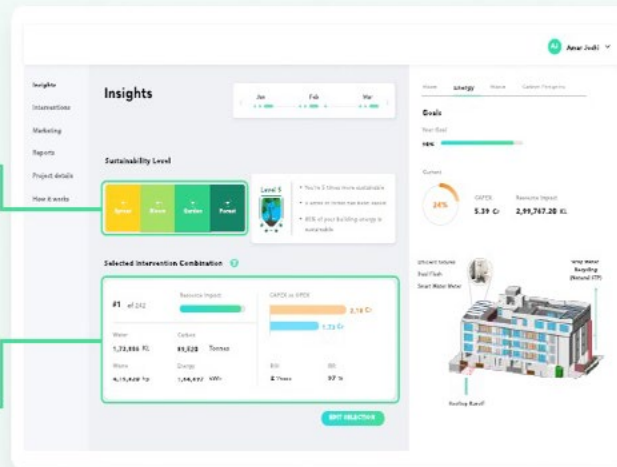
- SD+ auto generates sustainable solutions, tailored to your project's needs & integrates them into the building design.
- It provides the user with real time cost-benefit analysis & environmental impact on decisions taken during the construction life-cycle.
- SD+ gives the power to discover & select appropriate vendors for sustainable solutions.
- It allows the user to instantly check feasibility of building certifications at any time in project design.
- It instantly provides marketing insights to your communications teams for effective outreach.

Map your progress

Dashboard to track your progress and enable you to take next steps

Real time ROI analysis

Immediate economic and environmental benefits at your fingertips, based on the decisions you have taken.



CUSTOMERS

- › Aditya Birla Group
- › Assetz
- › Birla Estates
- › CoEvolve
- › Mahindra Lifespaces
- › Mittal Builders
- › Vista Spaces

SD+ Benefits

- 

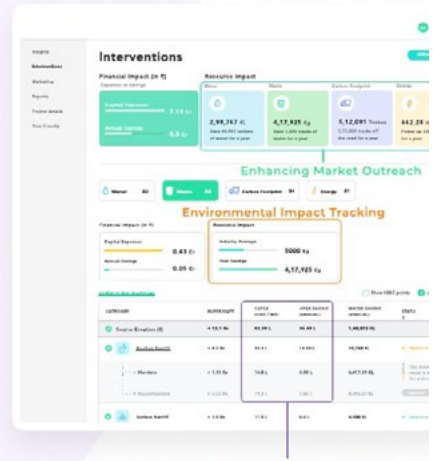
Setting goals for building performance at design stage provides builders with reduced operational costs upwards of 40%.
- 

Real time analytics provides the user with high impact economical & environmental solutions.
- 

SD+ allows the user to select the best fit of interdependent solutions which can be upto 60% more impactful.
- 

Decision making is faster with SD+; reducing time and cost during construction life cycle by more than 15%.
- 

SD+ provides ESG & UN SDG mapping which are critical for investments & expansion.



Financial Assessment of Sustainable Interventions

TEAM

Sriram Kuchimanchi

Founder & CEO

- › Ashoka Fellow
- › Autodesk Social Fellow

Karthik Ponnappa

Co-Founder

- › IIM(B) Public Policy

Jaya Narula

Lead Architect

- › TERI Design Engineering

Ifthikhar Javed

Technology Head

- › Renewables Expert

CONTACT

sriram@smarterdharma.com

+91 99724 01656

www.smarterdharma.com

Strawcture ECO

Promoting sustainable construction by using biopanel panels that convert waste to value



PROBLEM

Currently build sector contributes 11% of total embodied carbon footprint which will increase to 22% by 2050. With increasing urbanisation there is going to be pressure on built environment to be sustainable if we want to make a dent in climate change by 2030.

SOLUTION

Strawcture Eco is converting agricultural waste into panels which are an alternative to materials like gypsum panels, plywood, fiber cement boards, MDF, Particle board etc. Each square meter of panel utilises 4.5 kg of straw that stores 3kg of CO₂. A farmer can make INR 1.5-2/kg by selling the straw instead of burning it. Currently, the Strawcture Agri Bio Panel uses sugarcane bagasse to make high density engineered panels and is planning to move into rice and paddy crop residue in the coming year.



Strawcture at this point in time has demonstrated in the early stages of its journey that there exists a market for Agri Bio Panels as a good alternative for material currently in use in India. The company has applied for a Trademark for 'Agri Bio Panel'.

CASE STUDIES

Covid hospital in Patna (Vistex Hospital): Strawcture in partnership with SELCO foundation built a 75 bed covid hospital in Patna last year. SELCO wanted to urgently build a quick 6000 sq.ft Covid Relief centre, to meet the sudden surge in Covid cases and shortage of hospital beds and care facility centers. They were looking for building material using which the hospital could be quickly constructed within 2 months and which also have good thermal insulation properties. This is a 6000 sq.ft. Hospital where 23000 sq.ft. Of Strawcture Agri Bio Panels were deployed for drywalls, false cielings and doors. The total value of the project was around INR 1.2 Cr.



CUSTOMERS TESTIMONIALS

“Strawcture Eco is one of the best environmentally responsible company using bio-composite materials for sustainable constructions. Thanks to the entire team for their wonderful work and delivering the project within the stipulated time” — *Management Team, Batra Hospital*

“Strawcture Eco is one of the best environmentally responsible companies using bio-composite materials for sustainable constructions. The entire team tactfully delivered the project of exceptional quality while staying on schedule and under budget. We hope to work with Strawcture team again in the near future”

— *Doctors for You, Management Team*

CONTACT

shruti_pandey@strawcture.com
 7607776756
www.strawcture.com

Shruti Pandey

CEO and Founder

Shruti Pandey completed her Master’s degree in Construction Management from the New York University and holds a B.Tech degree in Civil Engineering from Krishna Institute of Engineering & Technology. In 2016, she quit her job in the New York City to live in a tribal village called Pandhana in Madhya Pradesh, India for a year. Living in the village made her learn that she shouldn’t be ashamed of the privilege of getting the best education and opportunities. She decided to use her construction knowledge and experience of working in the Big Apple to increase the access to quality housing for all.

Shruti Pandey is a TedX Speaker and a United Nations Social Impact Challenge awardee. She is one of the 19 women leaders chosen by the Aspen Ananta Center for GP Birla Leadership Program. She has also received the JSPL Foundation’s coveted Rastriya Swayamsiddh Samman (National Level Award) for Social Entrepreneurship

Troncart Solutions

Bringing down water consumption down by 15%



PROBLEM

1. 60 Mn Litres of water wasted in India daily due to leaks in the system amounting to a 47% revenue loss to water departments
2. Lack of clarity in billing at an individual apartment level in residential complexes owing to no visibility of actual consumption and also inability to pinpoint Leakages, Theft and Interruptions
3. Govt Authorities face issue in effective allocation of resources during times of water scarcity owing to unavailability of actual data



AMR Compatible Water Meter

SOLUTION

1. A cutting edge platform to collect and analyze water consumption data and generate high impact actionable insights for utility providers.
2. We can identify Leakages, Theft, Variations in Consumption, Supply Interruptions, Meter functionality with a high degree of accuracy for utility providers and residential societies.



Smart Water Meter (15mm)



CASE STUDY 1

BM Marvel Apartments

Whitefield, Bangalore

Converting multiple inlets | 100 Smart Meter |
Reduce water wastage by 20%

Identify leakage in closed apartments & thus
Water Wastage reduced by 20% | Reduce
overall consumption by 10%



CASE STUDY 2

Technopark Phase 3

Trivandrum

50 Smart water meters | Solar Powered
Gateway

Fully Automated Reading | Identify
High Consumption Users

CUSTOMERS TESTIMONIALS

“We were struggling with lack of proper water management system in our apartment for years and it caused issues during the billing. Also, we were not able to identify the high consuming consumers which resulted in paying more on water on monthly basis. Then, we got introduced to Troncart’s smart water metering solution, Flow. Once their system was installed, we started getting meter reading online on a daily basis and it eased lots of our problems related to water. Now we are able to identify water consumption per user basis and it helps us in generating billing as per actual consumption. Also, it helps us in identifying leakage in unoccupied flats and reduces overall water consumption” — *Vinit Kumar, **BM Marvel Apartments***

“Troncart has complete smart water metering solution with a smart water meter and complete backend application. Their solution helped us in converting Technopark campus to smart metering solution and also provided facility for us to monitor the consumption on a daily basis.”
— *Operations Manager, **Technopark Campus***

“Troncart is having different variants of products to address water management related problems. They provide us with AMR ready meters and which help us to make our property smart meter ready. And it helps our clients to convert their meters into smart meters at any point of time without any complexity. We are fully satisfied with the service of Troncart and hoping to work with them in our upcoming projects as well.”
— *P A Korah, Procurement Manager, **Noel Villas and Apartments***

ACHIEVEMENTS

- › Winner, Next Generation Water Action'2021 DTU Skylab, Atal Innovation, Mission NITI Ayog
- › Brigade REAP

TEAM

Pratheesh V Nair

CEO & CTO

10+ years of experience in embedded & IoT related technologies, project management and web technologies. Also experience in dealing with IoT related projects in VSSC, ISRO, CSIR, CDAC.

Aneesh Chandran

CMO

10+ years of experience in sales and marketing

CONTACT

aneesh@troncart.com

+91 8089001668

www.flowsmart.io

Vision Earth Care

Upcycling Waste Waters via CAMUS®-SBT®
Continuous Advanced Multistage System
using Soil Bio Technology®



PROBLEM

Water is increasingly a challenge and also an opportunity. Vision Earthcare recognizes that addressing Wastes at the bottom of the building in a decentralized manner gives rise to many advantages. VEC's nature based solutions for waste water treatment is an entry point to provide and manage community environmental facilities by leveraging green areas of a community, providing Liquid Waste Recycling, Solid Waste Recycling (an add on to the liquid waste facility) and Air Quality management via treated water based dust abatement and Heat Island effect mitigation.



SOLUTION

Vision Earthcare (VEC) commercializes Nature based Solutions currently for Waste Water Rejuvenation engaging with clients throughout the lifecycle of project from Design, Execution and Operation and Maintenance typically focusing on services and specialities (cultures and catalysts). VEC implements CAMUS® -SBT® type wastewater treatment systems for high quality biological treatment for reuse in STPs and ETPs developed by promoter and licensed from IIT Bombay. VEC also has in situ rejuvenation technology for Nallahs and Rivers under license from Pondicherry University



CUSTOMERS

- › Municipal Corporation of Greater Mumbai
- › Godrej Industries
- › Kalyan Dombivli Municipal Corporation
- › Uttarakhand Peyjal Sansadhan
Vikas Evam Nirman Nigam
- › Military Engineer Services
- › Mumbai Rail Vikas Corporation
- › Gujarat State Electricity Ltd.
- › HDIL
- › Maharashtra Jeevan Pradhikaran
- › Bangalore Water Supply & Sewerage Board
- › ELCITA
- › Airports Authority of India
- › Navneet
- › Government of Karnataka
- › University of Hyderabad
- › IIT, Bombay
- › IIT (B.H.U), Varanasi

CUSTOMERS TESTIMONIALS

“The SBT plant is producing recycled water of very good quality suitable for various non-potable applications”

— *V R Vani, Municipal Corporation of Greater Mumbai*

“By 2010, the STP based on SBT technology is installed in our Coil 9 unit by VEC. Till now its performance is found satisfactory in terms discharge water quality and also meeting the parameter specs mentioned by SPCB. The operating expenses are very nominal and its maintenance cost is affordable one. We are reusing the treated water for our process also. The system looks like a garden. The waste water disposal through Municipal agency is completely stopped and the entire domestic waste water is recycled using this plant. The SBT system as a whole is effective and serving its intended purpose.”

— *25 KLD SBT plant at Godrej Industries Limited, Pondicherry*

TEAM

Dr. Chandrashekhar

CEO, Vision Earthcare

(B.Tech CHEM Engineering IITB, PhD Univ of Michigan)

Prof. HS Shankar

Promoter, Vision Earthcare

(PhD Monash Australia Prof CHEM IITB :
Inventor SBT)

CONTACT

cshankar@visionearthcare.com

9769605447

www.visionearthcare.com

WEGOT

IOT based water usage analytics for residential & commercial complexes



PROBLEM

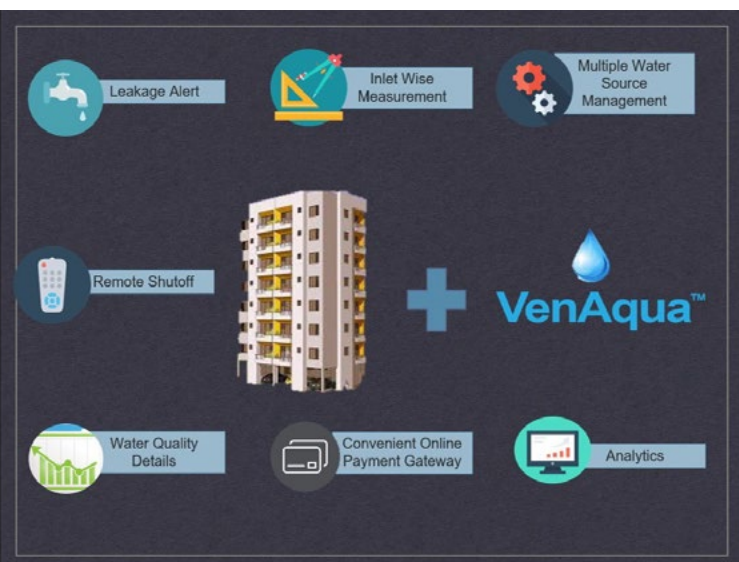
In a country like India where almost all big cities are water starved, there is still now accountability for a consumer on his water storage. Growing up in Chennai and being witness to acute water shortages, the founders wanted to contribute and help the city solve its water shortage. Having understood the promise of IoT, the group ventured to develop a sensor based IoT device and a software platform that provided an end-to-end water management solution

SOLUTION

VenAqua, a product of WEGoT is a personal water scientist that prevents water wastage remotely, through phones.

At WEGoT we believe only what Can be measured effectively, Can be managed effectively. WEGoT has developed an IoT solution with an intuitive platform that is connected to sensors which helps track user consumption on a real time basis and provide insights to regulate the usage of water. We provide Water Management System for modern plumbing layout. We are an end to end water management solution that helps to monitor and manage water at all the source, distribution and the consumption points. Our unique approach towards saving water has shown reduced water consumption upto 40%.

Since our first pilot in 2014, we have now implemented VenAqua in more than 2000 homes and saved more than 30 Million litres of water in its first 2 years of existence.



CUSTOMERS

After three years of extensive testing and improving prototype, we successfully launched our pilot in AKDR / Bay View, Chennai. Post the success of our Pilot they started full-fledged operations in Chennai. In 2015, we installed VenAqua in 500 homes. We have expanded our operations to Bangalore and Hyderabad

- › Appaswamy Real Estate
- › Brigade
- › Purvankara
- › Radiance
- › RMZ Corp
- › Sattva

CUSTOMERS TESTIMONIALS

“We came across WEGOT Utility Solutions, run by young and dynamic professionals, who provide the digital water meters which we have already installed in our project with 161 apartments. It is working to full satisfaction of us as well the clients. The system is efficient, economical and easier to adapt. The young team provides prompt support too” — *Partner, Elegance Constructions*

Based on our experience, we would strongly recommend the VenAqua water metering system wherever measuring and billing is required — *AKDR Tower, Chennai*

Solution helped us in providing apartment wise consumption in real time & also triggers leak alerts which actually helped us to measure, control, conserve, predict and manage water more effectively — *VP Materials, Aparna Constructions*

ACHIEVEMENTS

- › JLL PropTech hackathon
- › NASSCOM – CBRE Disruptech Real Estate technology
- › Maharashtra Innovation society for best startup
- › Action for India
- › Most innovative startup enterprise 2019 – The CityFix Labs
- › FICCI, CII Awards

TEAM

Vijay Krishna

Vijay is the Founder of WeGot. He holds a master's degree in VLSI design from the University of Wisconsin at Madison. WEGoT Utility Solutions is VK's entrepreneurial brainchild. VK also heads the hardware product development and related innovations at WEGoT. He founded Denvik Technology in 2007, which is an electronic Original Design Manufacturing (ODM). Denvik Technology develops and provides core competencies in cutting edge embedded technology.

Mohideen

Mohideen is the Founder & Head of Operations at WeGOT. He holds a Bachelor's in Electronics & Communication engineering from The University of Madras and started his career as a programmer in Embedded Technology. MO heads the Operations and System Integration functions at WEGOT and is instrumental in setting up the production assembly line, getting global certifications and delivering projects within the budget and deadlines. WEGOT Utility Solutions was his and VK's entrepreneurial brainchild. In 2007, MO along with VK together founded Denvik Technology.

Sundeep Donthamshetty

Sundeep is the Co-Founder & Head of Product Development. He holds an MS in Intelligent Systems from the University of London. Don heads product development. Don is responsible for the technology decisions and steering the organization with reliable, robust and compliant solutions. Don brings in a combined experience of 18+ years of IT and IT Enabled Services. Prior to WEGoT, he has played various diversified roles such as Subject Matter Expert (SME), Solutions Architect and Program Manager for Ford Motor Company.

Abilash Haridass

Abilash is the Co-Founder and CEO. He holds a degree in Electrical Engineering from the State University of New York and subsequently worked with Cisco systems for 3 years in leadership positions. Abs is responsible for building awareness of our intelligent solutions and driving marketing initiatives with specific focus on marketing communications, including advertising and promotions, distribution channel management, pricing, market research and public relations. Prior to WEGoT, he founded VBMS – a successful company, which specializes in integrating end-to-end security solutions. When he is not obsessing over WEGoT, he is a fitness enthusiast. He also represents India at Ultimate Frisbee.

Selva Kumar AB

Selva is the Head of Sales. He holds a Master's Degree in Business Administration from IBS – Hyderabad & a Bachelor's Degree in Electronics & Communication Engineering from the University of Madras. As Head of Sales at WEGOT, he owns our Mission statement. He leads our sales efforts and also handles our key account acquisition. Prior to WEGoT, he was heading the Project Sales vertical at Saint Gobain India Limited. He has more than 13 years of experience in handling sales & business development for various multinationals across Southern India.

CONTACT

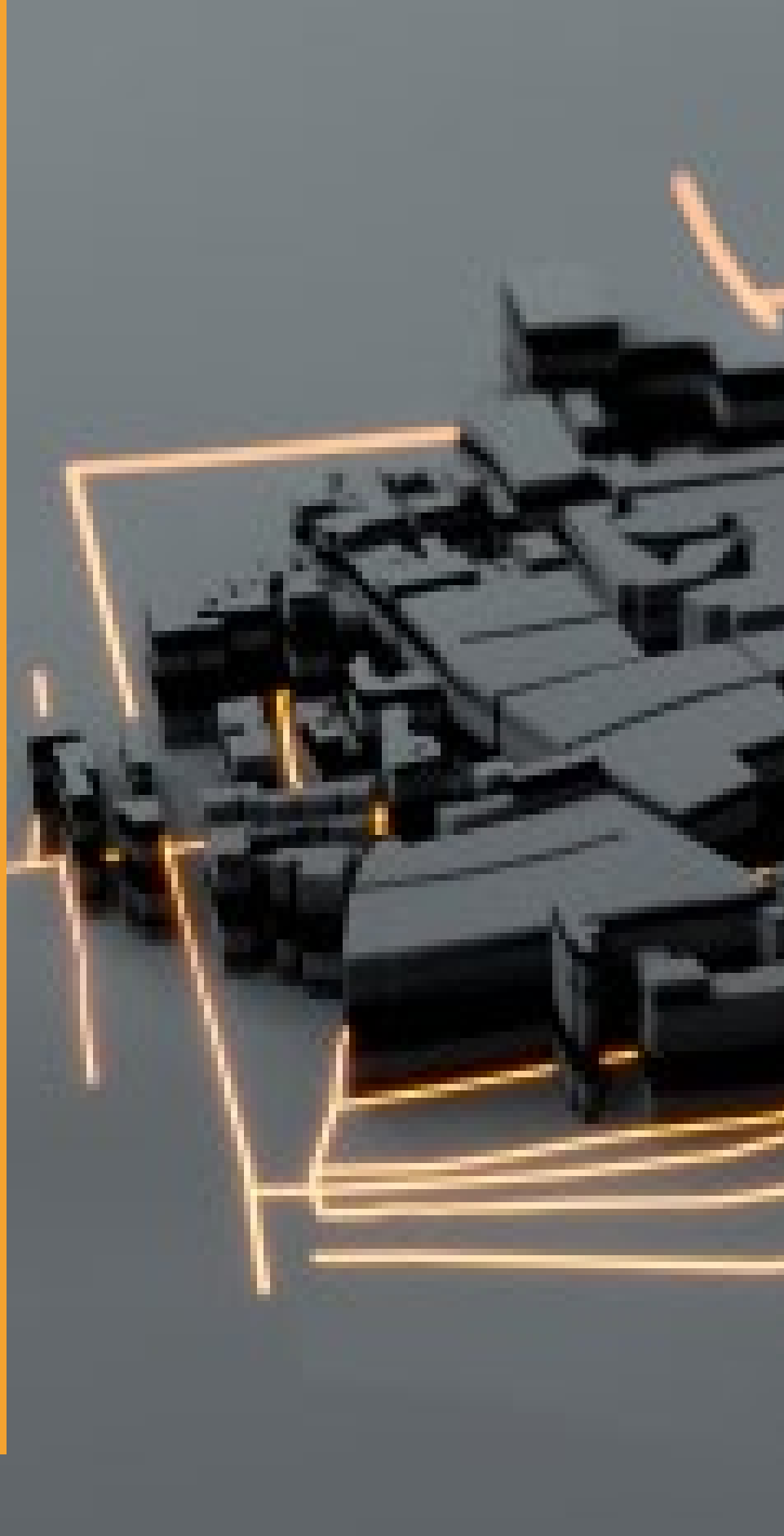
sales@wegot.in

+91-9940185068

www.wegot.in

SMART SPACES

Cablesmith
Charzer
Clairco
FacTech
Frisson
Kardle
LiteStore
LiveSafe
Panlys
Snaptrude
Spintly
IQnext



CableSmith

IoT platform for Network cabling operation and maintenance



PROBLEM

Unorganized cabling from different service providers makes it difficult to track and locate the cables:

- › Average 4 days delay in user onboarding
- › Duplicate wiring & Operation and Maintenance hassle

Any incident related to cabling can attract manual switching or testing

- › Manual switching and Testing of Fiber causes Network down time of 2 to 4 hours
- › The average cost of network down time to wireless service, \$4.8 million per hour

Absence of integrated Digital As-built report:

- › Leads to repeated CAPEX – digging the real-estate
- › Manpower wastage for testing and tracking the cable
- › High error rate (up to 43%) on operation activities

Manual intervention of multiple vendors leads to:

- › Cable damages and misalignments of other service providers cabling



SOLUTION

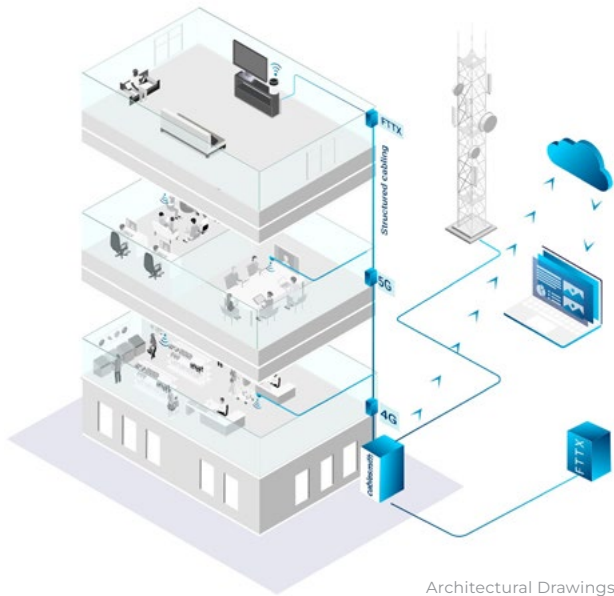
IoT Based- Smart LIU: -

Cablesmith replaces Conventional LIU with IoT Based Smart LIU which perform 60% field technician activity such as

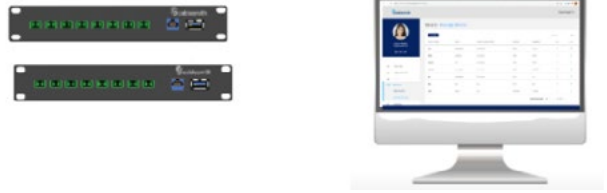
- › Cable testing
- › Cable Re routing
- › Power splitting
- › As build report.

Cloud Based Integrated Cable Management platform

Integrated cable management platform process data from multiple Smart LIU provide automated workflow management for cabling operation and maintenance which saves 40% engineering manpower from back-office support



Cablesmith – Smart LIU



CUSTOMERS

- › BSNL
- › CIAL
- › KLA
- › Brigade Group

TEAM

Muhammed Rameesh

Founder -Cablesmith, Ex -Nokia, Alumni -IIM K, CUSAT, 12 Year of Industry Experience

Ragesh Puthusseri

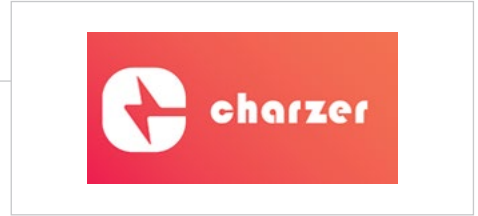
PMP® Technology and Innovation Director, Cablesmith, Ex- Ericsson, TE Connectivity, PMP, Diploma in ECE, 15 Years of Industry Experience

CONTACT

Muhammed@cablesmith.in
+91 99953 50816
www.cablesmith.in

Charzer

One-stop shop for all EV charging needs from planning to installation to maintenance



PROBLEM

EV charging stations are becoming a must-have amenity for every residential and commercial development. There is a lot of uncertainty on which chargers, how many chargers, are they future proof, are they compatible with all vehicles. How do you reduce the massive upfront cost on electrical load, wiring, civil work, etc. to make the properties EV ready?



95% of EV charging happens at home

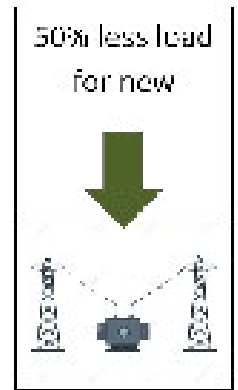
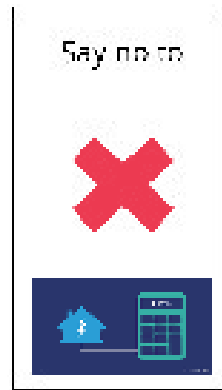


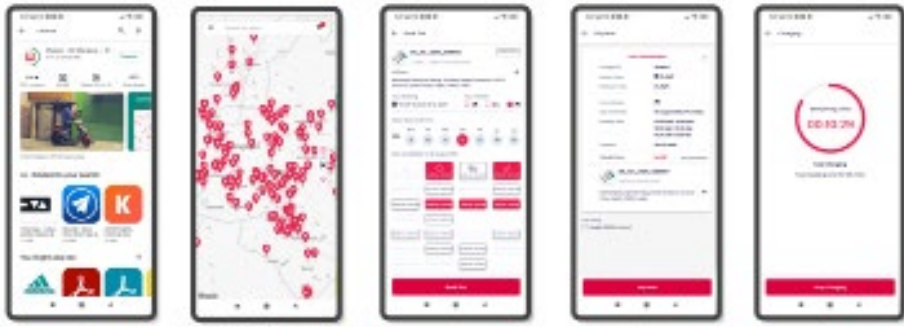
Properties with charging stations earn significant premium, 22% to 32%

SOLUTION

Charzer, India's leading EV charging station AGGREGATION platform, is a one-stop shop for EV charging needs of an EV owner. Charzer is a one-stop shop for making the properties EV-enabled. Charzer provides project planning and consultation to reduce high upfront expense and ensure the properties are future-proof. Charzer takes care of the installation, revenue collection and maintenance of the chargers.

Charzer has developed state of the art load management solution to reduce the load requirement by 50%. Charzer app takes care of everything so that the residents and RWAs/Property Managers needn't take any hassle.





2000+
Users

302+
Charging
Stations

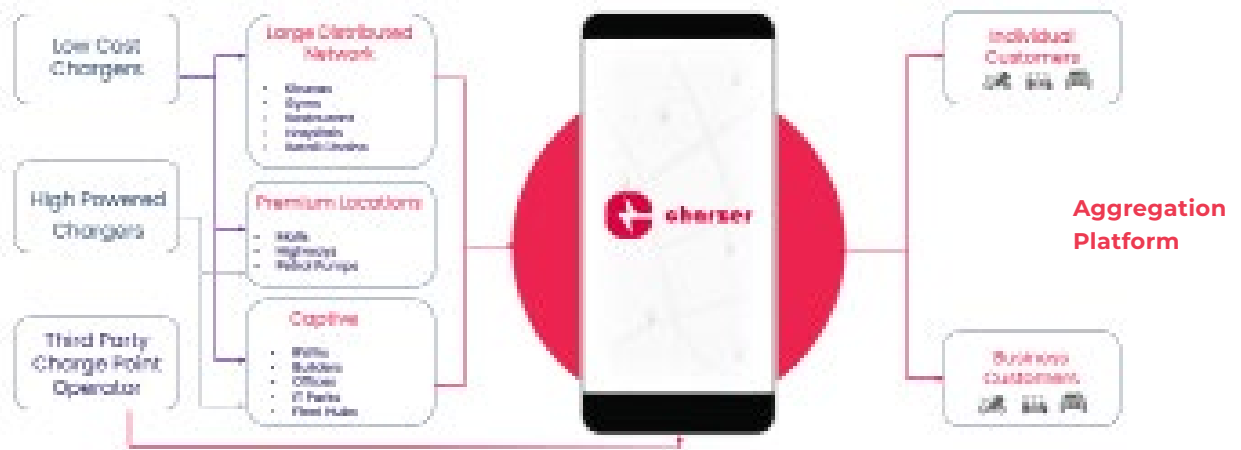
**Download
the App**

Scan QR

Book Slot

Pay

Charge



TEAM

Yugraj Shukla
CPO

Sameer Ranjan Jaiswal
CEO

Dheeraj Reddy
COO

ACHIEVEMENTS

- › Most Innovative startup of the year 2021 by Economic times
- › Top 30 startups to watch out for by Inc42

CONTACT

sameer@charzer.com
+91 79875 03088
www.charzer.com

Clairco

Air Quality monitoring & solution for indoor spaces



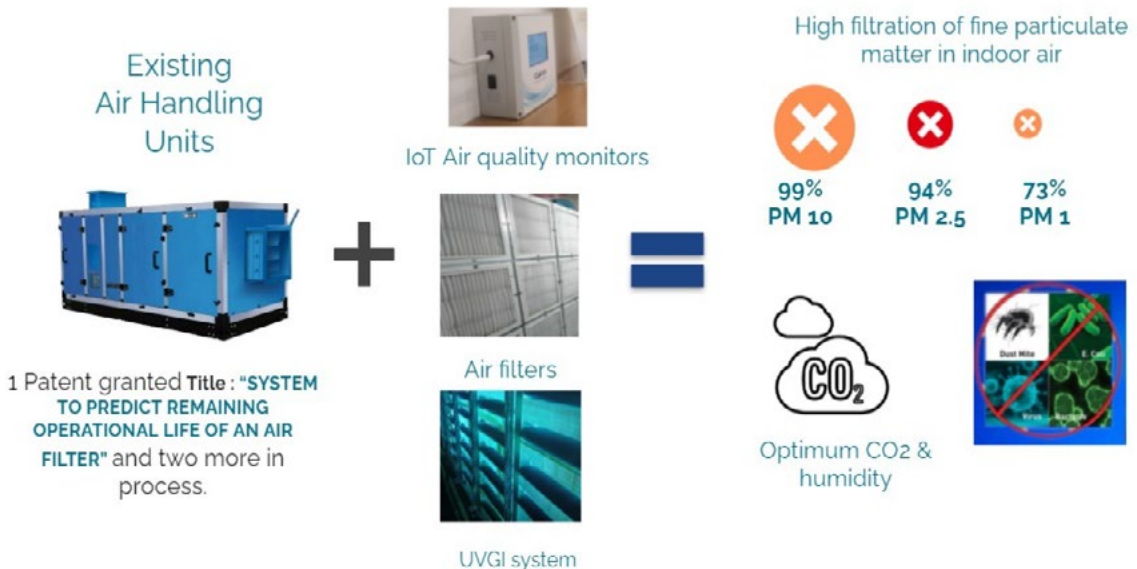
PROBLEM

1. 12 of top 20 most polluted cities are in India
2. Indoor air quality can be 3-5x worse than outside
3. we spend 90% of our time indoor
4. Clean air improves employee productivity by 10%



SOLUTION

Zero-CapEx clean air as a service



CUSTOMERS

- › Brigade Group
- › World Trade Center, Bangalore
- › Capitaland
- › Wework
- › Emaar
- › Brookfield
- › MAX Estates
- › Smartworks
- › Aiports Authority of India
- › Axis Bank
- › Hero
- › The Arora Group

CUSTOMERS TESTIMONIALS

“Clairco has been taking care of indoor air quality at the World Trade Center, Bangalore since October 2020. Their Services and maintenance have been satisfactory. Clarico has been able to deliver the promised performance levels consistently.

We also appreciate the customer support and regular service being provided by the Clarico team and we have found them knowledgeable and courteous. The monthly reports being sent by the Clarico team has helped us in understanding air quality trends and take timely action.

The team’s all-around support and services have reinforced our trust in the products and service provided by Clarico.”

— *Ravikumar E.V, Asst. General Manager-Facility*
World Trade Center, Bangalore

ACHIEVEMENTS

- › 1 patent granted on “System to predict the operational life of air filter”
- › 3 more patents filed
- › Clairco filters are CII GreenPro Certified enabling clients to earn credits under building certifications
- › Clairco Air quality monitors are REACH, CE and GreenPro certified

TEAM

Aayush Jha

Founder & CEO

Udayan Banerjee

Co-Founder & Operations Head

Vikas Mehta

National Sales Head

CONTACT

aayush@clairco.in

+91 99100 12334

www.clairco.in

FacTech

Empowering Facility Teams through Digitalising Facility Operations



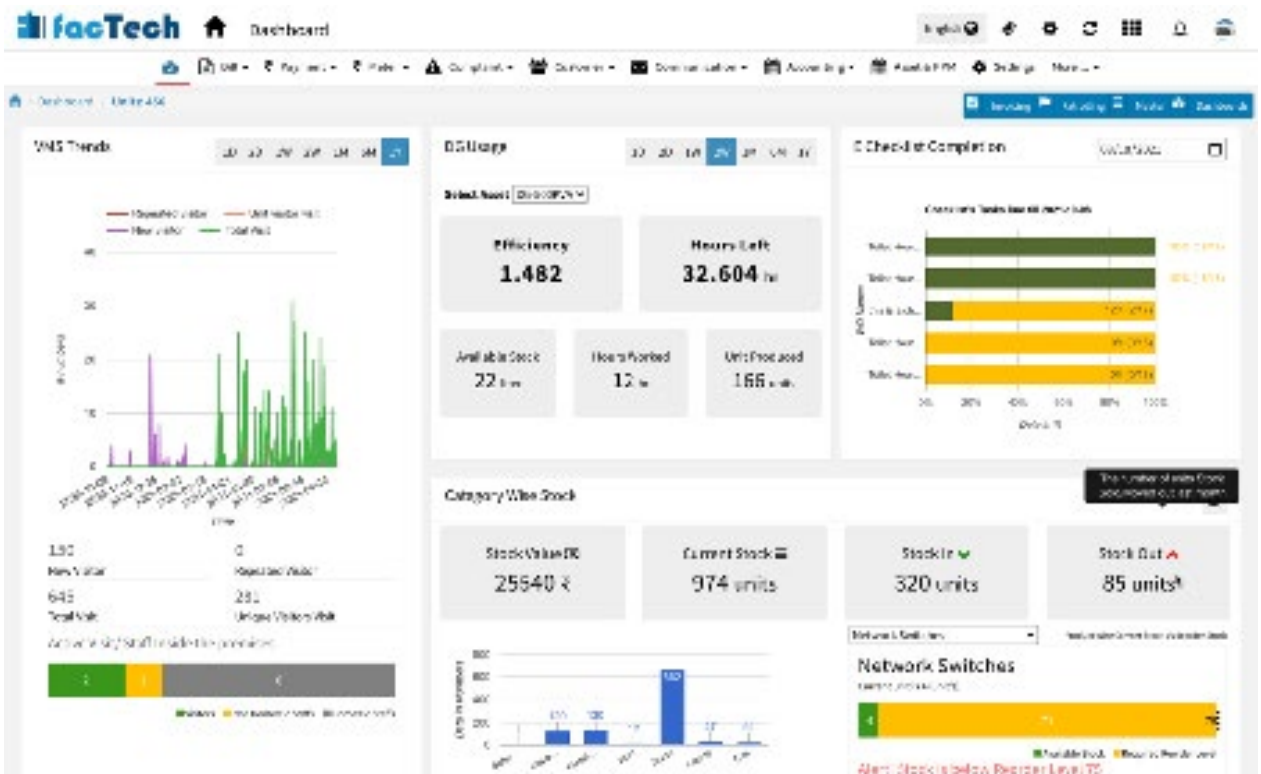
PROBLEM

1. Manual and paper-based facility management which is difficult to track & improve.
2. Challenges in Asset health, Energy & Water monitoring, and no timely alerts on a single platform.
3. Lack of real time communication between customer, tenant and facility, ground staff.

SOLUTION

1. Technician App - making field staff jobs digital from day 1.
2. Enabling sustainability with Complete FM suite integrated with IoT, ERPs, CRM
3. Personalized dashboards & data driven insights to make better decisions.
4. Improving Tenant Experience with Customer, Resident, Facility, Field staff interact on single system.

PRODUCT/PLATFORM







CASE STUDIES

Colliers helping Clients in the green initiative on top of Kaizen CAFM Colliers is adding the new-age digital features to its arsenal to bring more innovation and vertical functionalities with technology in facility operations, thus leading to smooth operations and energy consumption cut by 7-20%.

- › Real-time energy monitoring through the use of IoT/Sensors to analyze consumption patterns, take maintenance tasks when alerts are received from dust, pressure, and temperature sensors. Thus, reduction in energy costs.
- › Cleaning, housekeeping, and inspection through the digital checklist and timestamped task images upload.
- › Live dashboards for in-building parameters like air quality, carbon or ammonia content, uneven temperature levels as well as for maintenance insights like asset health, preventive maintenance status, etc.
- › Auto digital work order generation, assignment, and tracking
- › Inventories planned and tracked properly

ACHIEVEMENTS

Trusted by more than 120 clients

CONTACT

deepak.dabas@factech.co.in

+91 98735 67283

www.factech.co.in

TEAM

Deepak Dabbas

Founder & CEO

Frisson

Smart toilet accessories for enhanced hygiene and ergonomics



PROBLEM

- › Toilet hygiene and ergonomics are ignored areas in India and there's hardly been any innovation for any improvements in them. We are attempting to educate a large population about toilet hygiene without the need for retraining. We are also attempting to address a subject that is otherwise taboo or at best awkward where people are shy about discussing it.

- › 2 major problems: Hygiene & Ergonomics

Hygiene: In shared toilets, people are not comfortable using the hand faucet (or a mug) because of hygiene issues as the hand faucet/mug is used by numerous people throughout the day and it facilitates high chances of germs and disease transmission.

Ergonomics: The toilets in India are not very well equipped to be used by various age groups and persons with disabilities and these people often rely on caretakers or family members for doing the cleaning task or use diapers which are not a healthy alternative and are expensive in the long run. For the caretakers or family members assisting in cleaning is not a pleasant or easy task.

SOLUTION

- › Our solution to the problems mentioned is a product, Touchless Bidet, a sensor-based bidet that can be retrofitted to any existing WC. The product is a unibody design that is sandwiched between the ceramic part of WC and the toilet seat. With just hovering hand over the sensor, the product is activated, and the water is sprayed through the nozzle at the anus for a efficient touchless cleaning experience.
- › Sensor on the product is the only actionable thing which makes the product easy and intuitive to use. As the product is attached to the WC it is easier to reach and easily locatable for persons with disabilities.
- › The water sprayed from the nozzle is softer than the water sprayed from a health faucet thus not harming the skin near anus.
- › Our product decreases the dependency of aged people or persons with disabilities on the caretaker and makes the job of caretaker easier as they don't have to hold the health faucet or mug and clean the person. By just activating the sensor the caretaker can assist the cleaning very easily and comfortably without the hassle of movement or adjustment on the WC by the aged or person with disabilities.
- › As our product is sensor-based, the cleaning experience is completely touchless making it very hygienic in shared toilets in public spaces.

PRODUCT



CASE STUDIES

Pilots installed at Wework



ACHIEVEMENTS

Selected for the TCS Digital Impact Square Cohort 23 for innovations in Assistive Technology

TEAM

Balu Rajendra Prasad M

Co-founder & CEO

Anand Singh

Cofounder & COO

Koushik Reddy

Co-founder & Partnerships Head

Prudhvi Pasala

Co-founder & CTO

CONTACT

Balu Rajendra, +91 91677 83046,
balurajendra@frisson.co.in

Anand Singh, +91 8828494931,
anandsingh@frisson.co.in

www.frisson.co.in

IQnext

IQnext is a cloud-based platform for centralized building management using a connected, data-driven, and integrated approach to improve sustainability and efficiency.



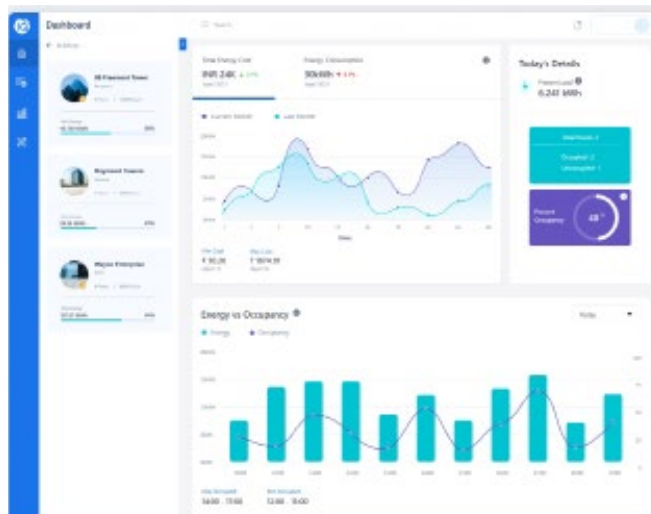
PROBLEM

Despite significant technological advancements, buildings and their operations remained consistent. To manage and maintain their buildings, organizations use siloed approaches and legacy systems, leading to stakeholders making decisions based on human guesswork and an abundance of unorganized, underutilized data. We thought that there had to be a more efficient route to make their work easier and more real-time for them.

SOLUTION

IQnext - a cloud-based platform redefining how organizations manage their building environments today. We are disrupting the traditional, fragmented, and reactive approach with our simple, intuitive, and scalable solution. Our mission is to deliver continuous sustainability and efficiency by seamlessly connecting a portfolio of buildings, enabling stakeholders real-time data-driven insights. We are dedicated to achieving environmentally reliable buildings that prioritize low carbon emissions and make tomorrow a better place.

PRODUCT/PLATFORM PICS

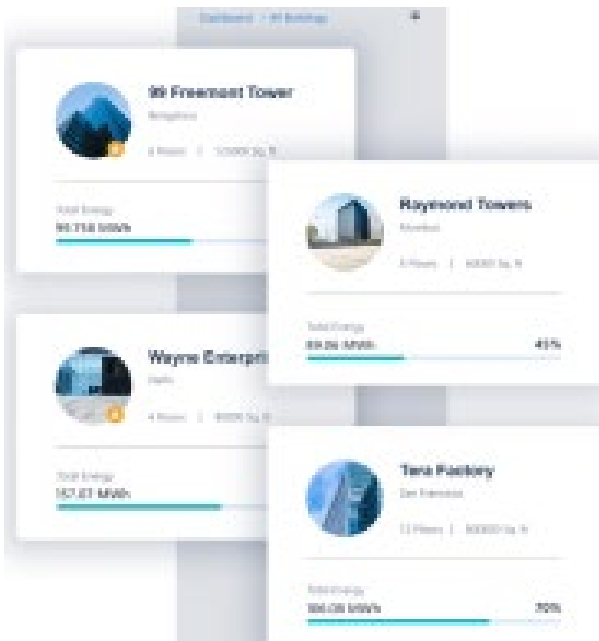


CONNECT ALL OF YOUR DEVICES, PROCESSES AND PEOPLE

IQnext deeply integrates and connects devices, people, and processes on a single platform by creating a digital twin. Using our future-proof technology and a platform that provides centralized visibility and enables data-driven decisions.

ELIMINATE SILOED APPROACH TO MANAGING BUILDINGS

Is your building riddled with devices and processes that don't communicate with one another? Using proprietary processes for every single need, on the other hand, will result in chaos and a failure to deliver the data you require on time. With IQnext connect your devices, processes and people centrally across all your portfolios and manage them from a single place.



CUSTOMERS TESTIMONIALS

“We experience significant energy wastage in unoccupied spaces and we have absolutely no visibility of it at a centralized level. IQnext was able to solve this problem with their IoT platform with their simplified software-driven solution, yet powerful enough to now give us complete control and visibility of how our devices are being used, both in real-time and historically. Now we are able to quickly understand, take action and continuously optimize our energy utilization efforts.”

— *Ramesh T S Senior Manager
Electrical Design - ITC*

“World Trade Center here in Bangalore, we have a large number of meetings that are popular not just with the occupants, who are mostly multinationals, but with a large number of companies and businesses around. In recent times, there has been a demand that we should upgrade these facilities to be in line with what is available in other markets. That is when we came in touch with IQnext, and they came up with very innovative solutions, well in line with IoT and which our customers found extremely satisfying. We are looking at using their solutions more across other facilities at other World Trade Centers that we are building. I wish IQnext and the team the very best in their journey forward.”

— *Balaram Menon President
World Trade Center, Bengaluru*

ACHIEVEMENTS

- › Trusted by forward-thinking buildings: across 3 million+ Sq. ft deployed
- › Saved 18 million+ kW energy

TEAM

Vishal Jain

Co-Founder, & CEO

Vishal bootstrapped IQnext to solve the challenges that he witnessed during his 10+ years of experience in the CRE Industry. Today IQnext, he is on a quest to disrupt buildings making them more efficient and software-driven.

Mohan Natesan

Co-Founder & CTO

Mohan is the brain behind all of our products and technology. He has approximately 22 years of experience in the field of technology, having worked in leadership roles with top MNCs before pivoting to work with a startup for the passion and love of technology and making an impact in the process.

CONTACT

info@iqnext.io

+91-80-42103435

www.iqnext.io

Kardle

Redefining Air Purification



KARDLE
THE CRADLE FOR TECHNOLOGY

PROBLEM

Indoor Air pollution and its impact on Health and Ageing

SOLUTION

A Novel Filterless Air Purification and Disinfection system with Real time Air Quality Monitoring, Room condition monitoring and LED indicators to understand the status of the Air quality in the room.

CASE STUDIES

1. Microbial Load Reduction validation tests conducted at Centre for Life sciences, Crescent Innovation and Incubation council
2. Air Particle Counter tests at Crescent Innovation and Incubation council by Perfect Validation Systems
3. THOoyan Installed and tested at POOVAI Specialities, Poonamallee, Chennai.
4. Thooyan tested for CO2 reduction at Impensus Electronics, Chennai.

TEAM

Vijayakomagan MS
Founder and Director

Parameshwar Babu
Mentor



ACHIEVEMENTS

- › Awarded TOP INNOVATION at the Public Health Innovation Conclave of INDIA, held at HITEX exhibition centre, Hyderabad, November 2021.
- › Direct Finalist in Atal Innovation Mission's i LEAP Series cohort 4, under the theme "Fighting Air Pollution through Innovation", January 2022.

CONTACT

vijay@kardleindustries.com
+91 98401 53059
www.kardleindustries.com

LiteStore

India's First Flexi-Retail Company

LiteStore

PROBLEM

LiteStore started with the sight of many empty stores in Bangalore. The incredible boom in e-commerce changed the way customers shop and expensive, long term lease agreements with hefty deposits ensured that offline retail was available only to big brands with deep pockets. All the while, offline channels remain a vital avenue to connect with customers and build brand loyalty.

SOLUTION

LiteStore™'s Flexi-Retail model.

Brands can book premium retail storefronts for as short as a month - just like booking a hotel room!

NO long term lease agreements, NO security deposit, NO lock-ins, NO maintenance charges, NO fitout costs – just a one-time booking fee + revenue share and any brand can move into their own store within 36 hours.

With the Flexi-Retail Model, we have brought down the cost to launch a store by 94% and turnaround time by 87%.

TEAM

Tarun Sundaram
CEO

Puneet Dinesh
COO



ACHIEVEMENTS

- › Signed up India's biggest D2C brands including SleepyCat, WOW Skin Science, Flatheads and legacy companies like JBL.
- › Working with Bangalore's biggest real estate groups and malls.
- › Achieved sales GMV of 15 lakhs+ for brands in our Flexi Stores in 45 trading days.

CONTACT

support@litestore.in
+91 94834 65923
www.litestore.in

LiveSafe

Complete Mobile-WiFi-Cell Tower Radiation management solutions



PROBLEM

Electronic gadgets have not only got us hooked to their utility but they've also exposed us to the harmful, and at times, lethal effects of Electromagnetic Radiation (EMR). We can't see it nor can we hear it, we are however surrounded with harmful EM radiation on a daily basis. Cell phones emit EM radiation (radio waves form of non-ionizing radiation) from their antennas. Parts of the body nearest to the antenna can absorb this energy. EM radiation is known to increase the risk of cancer. Most places have 5x-20x levels of Radiation as per recommended norms (100 $\mu\text{W}/\text{m}^2$.)

Cell Tower Radiation (CTR) effects;

- › World Health Organization (WHO) has classified CTR as a carcinogen.
- › Pregnant women and Children are especially at higher risk

CUSTOMERS

- › Flex
- › Livpure smart
- › Adcock Ingram
- › MapleBear
- › Rakuten
- › Iskcon

SOLUTION

LiveSafe™ detects and analyses radiation levels & provides effective, cost- effective solutions to reduce your exposure to EM radiation in your home and office. LiveSafe™ products are the result of extensive R&D. **After installing LiveSafe™ products, radiation levels have dropped from 200,000 $\mu\text{W}/\text{m}^2$ to as low as 100 $\mu\text{W}/\text{m}^2$!**

Products

- › LiveSafe™ Coat - Proprietary Protective Coat – Can be used on the interior/ exterior of the building's roof and walls.
- › LiveSafe™ Film- Specially treated synthetic layer applied on window panes
- › Insulating Mesh – A specially treated metal mesh suitable for harsh and demanding environments

All products certified harmless by Government accredited labs. Product effectiveness tested at Indian Institute of Science, Bangalore and RV University, Bangalore

TEAM

Neehar S Rao

Founder
Technical Director MS in
Electrical Engineering

CONTACT

neehar@livesafe.in
+91 98450 29130
www.livesafe.in

Panlys

Pathogen free air and water

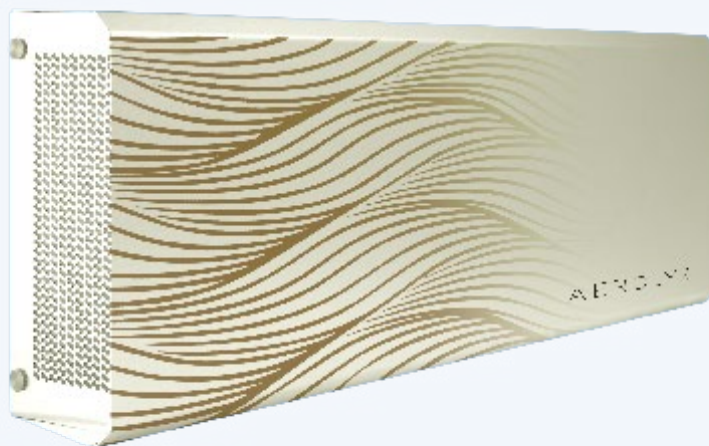


PROBLEM

Humans are coming into contact with unidentified pathogens as a result of excessive urbanisation, woodland encroachment, and polar ice melting. Another infamous example of what a virus may do to the socioeconomic fabric is the 2019 coronavirus pandemic. Advances in science and technology, as well as an increase in global geopolitical instability, provide opportunities for anti-social elements to utilise biological weapons to further their goal.

SOLUTION

A comprehensive solution capable of removing all bioburden from the atmosphere. Currently, the market is flooded with technologies that fall short of such biodefense capabilities and are also unfit for usage in human environments. The Low Energy Cascade Oxidation technology, or LECO technology, uses blue light with a wavelength of 410nm to eradicate all organic matter such as pathogens and VOCs in the air at a molecular level. It is innately safe and offers unsurpassed protection. It is the only technology in the world that can give 100% sterile air in a single pass.



CASE STUDY

1. The LECO technology was deployed in the burns ward at Kilpauk Medical College. The air quality improved significantly within a week, and the post-installation study revealed a 100X reduction in bioburden. Even the odour was reduced by 90%.
2. At Brigade World Trade Centre, a LECO in-duct solution was installed in the centralized air conditioning system. The study was done in a 4000 square foot office with around 30 individuals on staff. SGS labs investigated the bioburden concentration in the air. After the LECO solution was installed, the air quality index was 5 whereas the outside air was 105. The bacterial concentration was found to be 5 CFU, while up to 15 CFU is allowed in an operating room.

ACHIEVEMENTS

- › The first technology to be certified for delivering 100% sterile air in a single pass.
- › Selected to represent the Kerala Start-Up Mission at India's First Start-Up Conclave.

TEAM

Suraj Sanjeev
CEO

Syraic Joseph Palackal
CTO

CONTACT

suraj@panlys.com

+91 70346 86515

www.panlys.com

Snaptrude

Collaborative building design powered by Automation & Intelligent BIM



PROBLEM

The design to construction journey is long & complex. During the design phase:

- › There is a lack of quantitative feedback on design decisions
- › Difficulty in collaborating with stakeholders for design feedback & approvals
- › Multiple non-connected tools are being used during that leads to unproductive work
- › Impact: Bad designs being approved for construction, valuable time and money wasted. Data loss due to multiple non-connected tools, opportunity cost on closing more deals and improving the topline.

SOLUTION

Snaptrude is a collaborative building design tool, powered by automation, and intelligent BIM. With Snaptrude design teams can build more efficient & sustainable buildings, while savings weeks' compared to legacy tools with data & design automation. All of this while collaborating in real-time with their team & stakeholders for feedback and faster approvals. Snaptrude helps design teams save 80- 90% of time during the design journey and proportional saving in resource cost. Moreover, with the intelligent BIM solution design teams can build more efficient and sustainable buildings that can significantly reduce the wastage and maintenance cost of the building by

AEC teams use at least 4 disparate tools that lack interoperability

lack of actionable feedback causes decisions to get severely delayed

Lack of interoperability and feedback leads to an **inefficient and broken** process

at least 40%. Overall, due to the significant time & resource savings design teams are able to address the opportunity cost and close deals quickly hence improving their topline

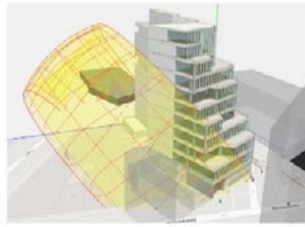
Data driven design for a better built environment

Design

Analyse

Collaborate

Document



**AUTOMATION, INTEROPERABILITY & COLLABORATION
HELP TEAMS SAVE WEEKS WORTH OF EFFORTS IN
TRADITIONAL WORKFLOWS**

ARCHITECTURAL DRAWINGS



CUSTOMERS

- › Perkins&Will
- › Charles Diehl Architect
- › Ecumene
- › Build Aviator
- › Design Spec
- › SKV
- › Adrianse
- › Saint-Gobain

CUSTOMERS TESTIMONIALS

“We find Snaptrude to be a better alternative for what we are doing with Autodesk Building Design suite today in terms of our current workflow”

— **Saint Gobain**

“Snaptrude works extremely well to generate the building structure for extensions, renovations, etc in a matter of few minutes with material takeouts.”

— **Build Aviator**

“The feedback loop in the form of data around budget, occupancy, site-topography, etc that Snaptrude generates is very powerful”

— **Design Spect**

“Snaptrude looks very simple to get started but underneath is very powerful with parametric information.”

— **Perkins & Will**

CONTACT

altaf@snaptrude.com

+91 77954 62368

www.snaptrude.com

ACHIEVEMENTS

- › 7 patents filed in US, Singapore & India
- › Backed by Accel Partners & Brigade REAP
- › International partnerships with Terraquest, Planning Portal (UK).
- › TechCrunch Disrupt 2017 – Top 3 companies in AI/ML category.

TEAM

Altaf Ganihar

Founder

Was a project lead in the DST sponsored IDH (India Digital Heritage) project which reconstructed the world heritage site of Hampi in 3D. Having published 10 international research publications in conferences like SIGGRAPH, SIGGRAPH Asia etc he was invited for direct PhD positions by renowned international Universities like UNC, UCL etc.

Spintly

World's First Fully Wireless Access Control as a Service Platform



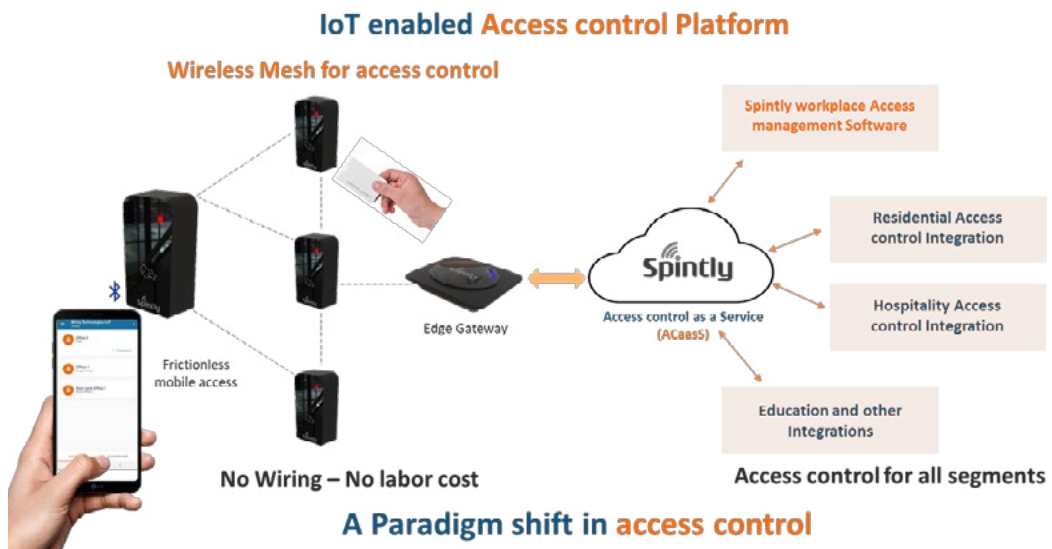
PROBLEM

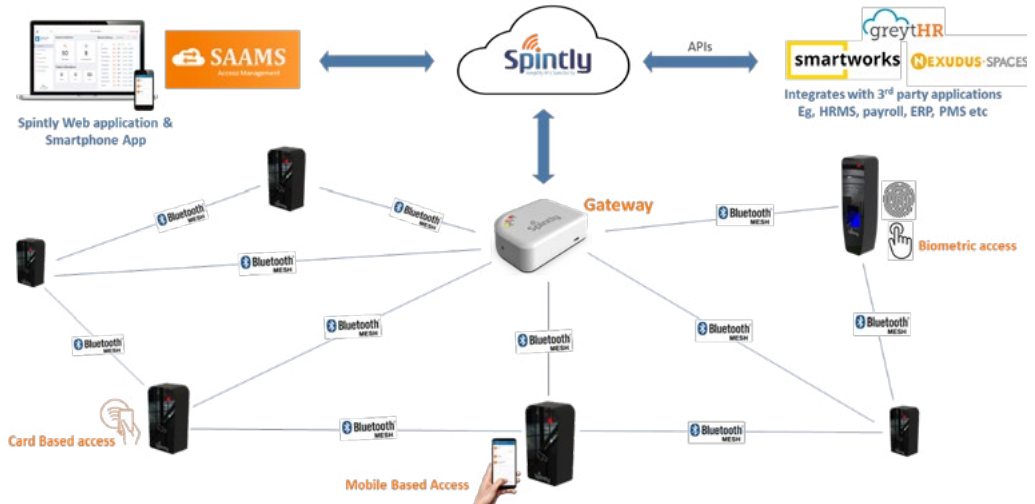
Access control systems use wired technology developed 4 decades ago and are expensive. Current access and identity management systems are not smartphone friendly and getting data to the cloud from such systems is painful

SOLUTION

Spintly is a fully wireless, cloud-based access control as a Service (ACaaS) platform which is creating a paradigm shift in the access control industry. It eliminates wired infrastructure and enables frictionless access to users with their smartphones.

Spintly wireless mesh-based access control eliminates more than 80% of the access control wiring. Smartphone based access to users allowing hassle-free door access. A cloud based integration platform which democratizes access control by allowing other mobile Apps to embed access control as a feature in their solutions.





CUSTOMERS

- › Ciba
- › P&G
- › FiiRE
- › Exudus Spaces
- › Commscope
- › MyGate
- › FF21
- › Mantri
- › Brigade
- › GreytHR
- › Wallace
- › Nippon Infra
- › Carrier
- › Siemens
- › Rise
- › Stebilex
- › Lyrus
- › Smartworks
- › SimplyGuest
- › PVS Builders and Developers

ACHIEVEMENTS

- › 7 Patents Filed
- › Best Startup award by Assocham
- › Selected among top 30 access control companies to present at IPVM global show

CASE STUDIES

- › Smartworks – 100+ devices, 15,000+ users, 22 Locations across India
- › Commscope – 55Devices, 3500 users at a Single location
- › Skoda – 3 Locations, 1500+ users

TEAM

Rohin Parkar
Co-Founder & CEO

Malcolm Dsouza
Co-Founder & CTO

CONTACT

rohin@spintly.com
+91 86377 05687
www.spintly.com

CONSTRUCTION TECHNOLOGY

Blueprint
CC Precast
QuikSpec
Strayos



Blueprint

A unified platform for controlled collaboration to ensure effective management of time-bound construction projects



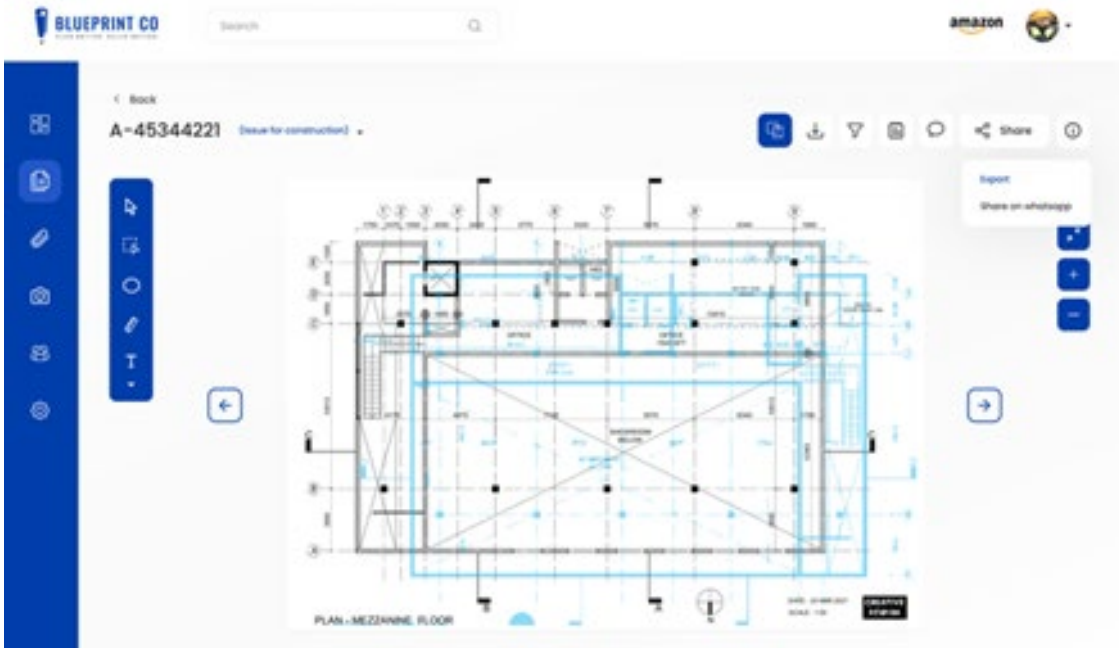
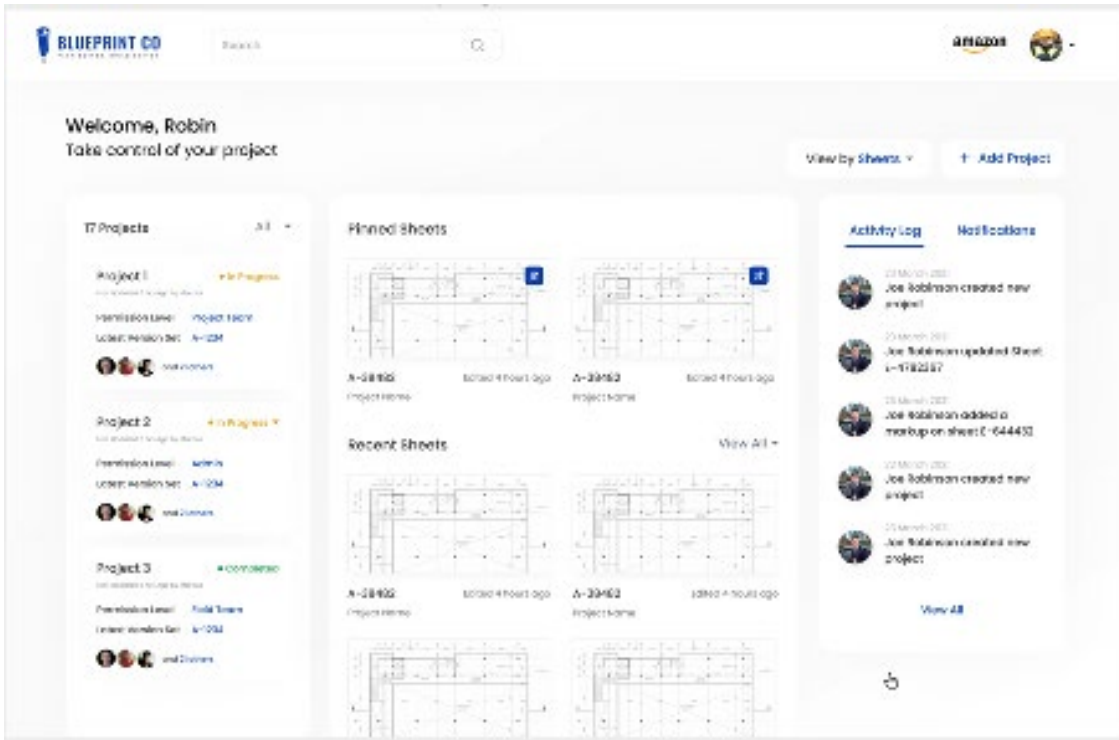
PROBLEM

The construction industry in India is facing a significant challenge in terms of productivity and collaboration. Despite the use of modern technologies and project management tools, many construction projects suffer from delays, cost overruns, and quality issues. This is often due to a lack of communication and coordination among the various stakeholders. Collaboration is key to the success of any time-bound project. By bringing together the owner/developer, project management consultant, architect, design engineer, contractors, and subcontractors, we can create a seamless workflow that maximizes productivity and profitability. By working together as a team, we can ensure that every project is completed on time and to the highest standards. Join us in fostering a collaborative environment that drives success for all stakeholders involved in the project.

SOLUTION

Blueprint Co aims to revolutionize the Indian construction industry by bringing highly effective project management solutions to everyday use. We understand that the construction industry in India faces unique challenges, such as a lack of communication and coordination among stakeholders, which can lead to delays, cost overruns, and quality issues. That is why we are offering a centralized platform that allows all stakeholders working on a construction project to access data, design information, documentation, and communication in real-time. This will empower companies with the information they need to make informed decisions, save time and money, and minimize errors that can impact productivity. By addressing the specific needs of the Indian construction industry, we hope to bring about significant changes and improvements in the way construction projects are managed and executed.

PRODUCT/PLATFORM



TEAM

Vijay Chellaram

Founder

As a civil engineer with a strong foundation in grading and paving, he has spent the past three years working for a leading subcontractor in the Bay area. In addition, he has spent the past two years working for his family's real estate development company in India, giving him a well-rounded understanding of the construction industry. His experience in both the US and India has given him a unique perspective and the skills needed to build a company like Blueprint Co.

Karan Hasija

Product Manager

He is an architect with 3 years' experience working with landmark real estate developers based in Bangalore. He believes in the need for a digital first approach to the real estate world, circling around the intersection of design, technology and business.

CONTACT

vijay@blueprintco.app

+91 63665 64505

www.blueprintco.in

CC Precast

India's first Prestressed Precast Concrete Pavement Technology



CC Precast Solutions
India's First And Only

PROBLEM

There are two problems faced by the infrastructure industry that is the quality control and speed of construction, as the projects are generally spread out over kilometres. Bituminous roads can be constructed very fast; its design life is only 10 years. Concrete Road take a lot of construction time but its design life is 30 years. In both the cases, heavy traffic disturbance is expected. Prestressed Precast Concrete Pavement (PPCP) Technology can be a perfect solution, wherein, Concrete panels are cast at a casting yard, and then transported and laid at the construction site. This allows fast road construction with practically no traffic disturbance while having a design life of 50 years. Since, PPCP is a factory product it also becomes very easy to ensure its quality, which ensures that it achieves its design life which is always uncertain in the traditional road construction methods.

Another issue as discussed above is that of maintaining the quality of road construction. Maintaining the quality of road construction is difficult in case of bituminous as well as concrete roads. There are high possibilities that due to lack of construction quality, the roads may not live upto their design lives thereby making them very costly. PPCP technology, makes it easy to ensure that the quality of the road is up to the mark. The PPCP panels are cast at a casting yard in a factory-controlled environment and hence it is very easy to maintain the quality. Additionally, in case any of the PPCP panels exhibit cracks or lack of quality, that panel can be left and not placed at site thereby ensuring that the quality of the final road is always up to the mark.

SOLUTION

Using PPCP, the road construction can be done at the best quality, in minimum time and also with zero disturbances to the traffic. It can also be used for repair of roads. It can further be used to construct temporary roads on a construction site which can reuse later. Another application is that it can also be used for construction in adverse climatic conditions where other types of roads cannot be constructed. The thickness of PPCP panels is less than the regular concrete road and hence contributes in reducing the carbon footprint by almost 70%





CASE STUDIES

First project was completed at Visvesvaraya National Institute of Technology (VNIT) Campus and our client was VNIT. Our second project had commenced at Inner Ring Road Nagpur where the client was PWD World Bank Division, Nagpur. The project was not completed due to delays from the contractor. The third project was completed at Rajeev Nagar Hingna where the client was PWD Division 2, Nagpur. Fourth Project was completed at RMC Plant of UltraTech at Bengaluru where our client was UltraTech, Bengaluru. Fifth project was completed at Deolamethi Wadi where our client was Sadiq and Co. under the jurisdiction of PWD Division 3, Nagpur. Presently we have got an ongoing project at Pathan Chowk, Amravati where our client is Welspun Enterprises under the jurisdiction of PWD Amravati. The total lane length constructed using PPCP Technology till date in India is 1210 m and the ongoing lane length is 2200 m.

ACHIEVEMENTS

- › 3 Patents granted
- › 4 Patents published
- › 7 Papers published
- › 6 Conferences addressed
- › 2 Workshop conducted: Awards: Jury's special award for innovative concepts- ICI (Nagpur): UltraTech Award

TEAM

Ameen Syed
Founder & CEO

S Sonparote
Mentor

Salman Patel
Operations Head

CONTACT

ameen.ccprecast@gmail.com
+91 90963 05995 / +91 80809 91451
www.ccprecastsolutions.com

Qwikspec

Real-time construction site management platform to save costs, time and improve quality



PRODUCT

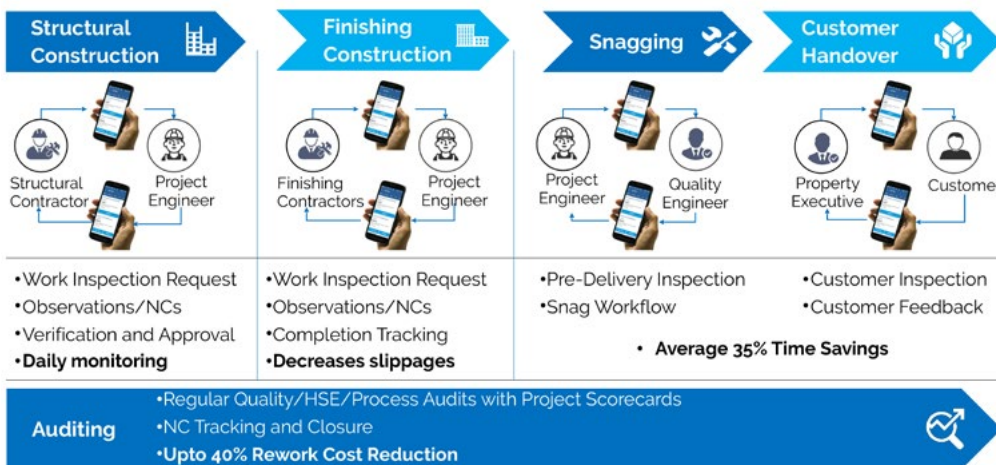
QWIKSPEC - An Operations Data Platform for the Construction Industry that will help save Time & Money and improve Quality across the construction cycle.

QwikSpec is the largest end-to-end project site management platform for the construction industry delivering time & cost efficiencies, and improving Quality, thus building the de-facto industry standards for quality & efficiency.

There are examples of industry platforms in other industries such as Sabre in Aviation and Fidelio in Hospitality. However, there is no such operations platform for the construction industry which QwikSpec is looking to serve.

The Real Estate construction industry in India is facing several pain points including project delays (60% of all projects are delayed), consumer complaints (80% of consumer complaints relate to Real Estate), and the advent of new legislation in the form of Real Estate Regulatory Act (RERA) in 2017. With RERA, there will be increased focus on transparency, timeliness and quality of projects with tough penalties for not meeting standards.

The QwikSpec platform helps Real Estate developers address the pain points they are facing. The platform can be implemented across four stages of the construction cycle – (i) Structural (ii) Finishing (iii) Snagging & Handover and (iv) Auditing.



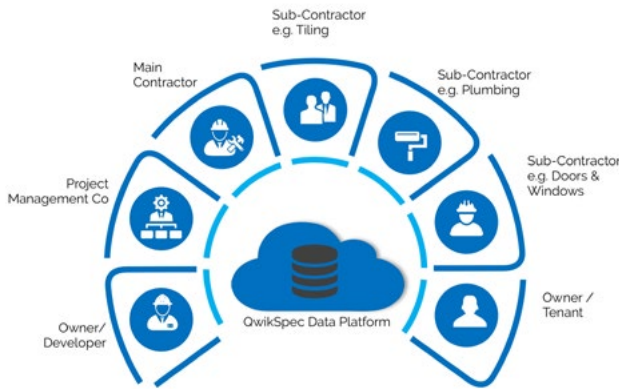
Field usage across the Construction Cycle

During the Structural and Finishing Stages, contractors can raise work completion requests using the QwikSpec mobile app and project engineers can verify and approve also using the app. This provides daily monitoring of site work based on real time data and helps decrease work slippages.

During the Snagging and Handover stage, pre-delivery inspections by multiple engineers are done using the app as well as customer inspections and customer satisfaction survey collected on the platform. Automating this stage provides a 30-40% time savings

Regular quality and safety audits can also be implemented using the platform which allows close tracking and closure of non-conformities identified. This allows a 30-40% cost savings because of lower rework.

The platform currently hosts 9 million data points from inspections done on project sites right from start of construction to handover, including contractors, project engineers, project managers, quality engineers, property management executives, and home owners.



Data Collection from all parties on a work site

This provides real time data analysis for quick decision making on various quality and time metrics, and predictive analytics of project delays and cost escalation metrics.

CASE STUDY — GOVERNMENT INFRASTRUCTURE

CHALLENGES

- Reporting Delay: construction status of 60 STPs spread over 32 districts to be reported on a monthly basis; manual reporting was resulting in delays and inaccurate status
- Quality Monitoring: quality issues not being tracked in timely manner to reduce "Inspection done faster, and reporting done real-time"-
Project Manager



The results

75% reduction in reporting time **100%** time saved in progress calculations **800** hours of engineer time saved per month

CUSTOMERS

- › K Raheja Group
- › Liftek
- › Sharpooji Pallonji
- › IIHS
- › Mantri
- › Godrej Properties
- › TATA Housing
- › Tata Projects
- › Karle Infra
- › DOKA
- › MAIA Estates LLP
- › Embassy
- › Infosys
- › Brigade Group

TESTIMONIALS

“From monthly project reviews to weekly reviews based n real time data. data backed contractor evaluation and selection being done”

— *Selva Kumar, AGM PMO, Mantri Developers*

“Saves time for site engineers. Handles practical issues on site like no connectivity”

— *R. Gurushankar, GM Quality & Innovation, Manhindra Lifespace*

TEAM

Ajith Alexander

Co-founder

Ajith has a B-Tech, Electronics (NIT Calicut) and MBA (Asian Institute of Management, Manila). He previously worked as BD Director (IOT) at Cisco; as an Engagement Manager at McKinsey & Co. (Singapore); as Head of Strategy at Limitless (UAE) (Nakheel Group).

Roby Kurien

Co-founder

Roby has a B-Tech, Electronics (NIT Calicut) and MS, Computer Science (Illinois Institute of Technology). He previously worked as Director Engineering at Kyocera Wireless (India); as Sr Manager (Systems) at SiRF Technology (India); as Process Director, Impulsesoft, India; as Software Quality Engineer at Motorola (India).

CONTACT

ajith@xlsystech.co
www.qwikspec.com

Strayos

Visual AI platform for the Mining,
Construction and infrastructure industry



PRODUCT

Strayos is a visual AI software company providing high precision cloud based image processing & accurate visual intelligence using drones and fixed cameras for construction & infrastructure clients. Strayos's platform applies machine learning on images and remote sensor data to deliver cost savings, significantly improve job site efficiency for customers enabling growth and timely completion of projects all by using actionable visual data.

Our solution is deployed in 550 sites across 12 different countries and integrated with largest OEMs Epiroc and Sandvik.

Strayos is addressing the slow and tedious way of survey data collection and inaccurate decision analytics that results into project risks in Construction and Mining industry. Typical Infrastructure projects have 22% cost overruns, 32% time delays and 160 thousand crores of cost escalation. This could be avoided by providing complete digitization of land records, solving accuracy issues with geography & terrain mapping and producing actionable visual data to manage project risks. Our AI tools help provide certainty for projects, by highlighting risks in advance and suggesting the optimal ways of execution.

Benefits to the target group:

- › Up to 80% time savings compared to traditional surveying methods
- › 70% cost savings & reduced errors
- › 50% efficiency increase

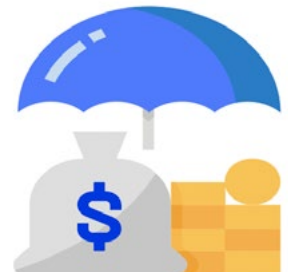
Today Strayos' cloud based software is used in 12 countries with 60+ Enterprises and it's impacting the way survey data is collected and analyzed. Strayos has partnered with the largest USA based mining and infrastructure company to bring operational efficiency and reduce cost with the power of visual AI.



Inaccurate or non-existent maps

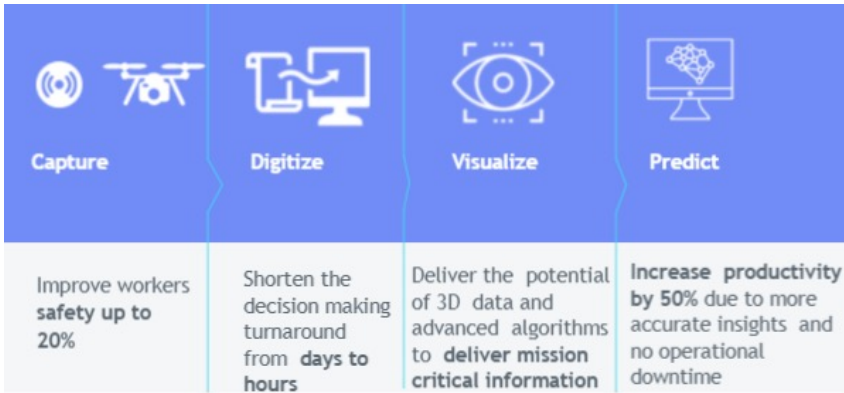


Expensive and time-consuming survey process

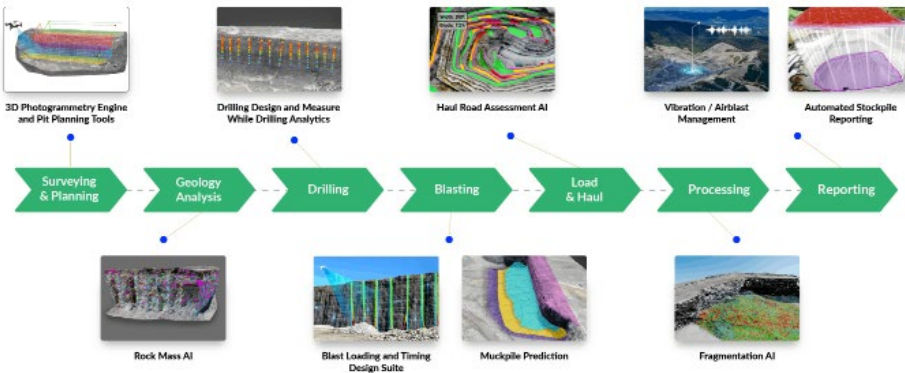


Fines and project delays with cost escalations. High Insurance risk cost

Strayos delivers integrated 3D machine learning and AI based solution



AI tools across the value chain



ACHIEVEMENTS

- › One million dollar Winner of 43North startup competition
- › Winner of Industrial AI solution by Accenture ventures India
- › 50+ AI models developed in the platform
- › Processed 75 Million proprietary drone images.
- › Platform is deployed in 500+ mines and 50+ Construction sites around the world

TESTIMONIALS

“Strayos platform has helped us streamline our Mining operations and move towards a common best practices. With better 3D survey analytics and easy to use AI tools has allowed us to implement the solution in multiple regions and collaborate effectively with our contractor”
 — *Travis Tyndall, Mid East Division Manager*
Vulcan Materials USA

CONTACT

ravi@strayos.com
strayos.com

CUSTOMERS

- › KafargeHolcim
- › Vulcan material Company
- › DB Bahn
- › Colas
- › Dyno Nobel
- › Buckley Powder Company
- › Sandvik
- › Epiroc
- › OCP
- › Coeur Mining
- › B2Gold
- › Conuma Coal Resources Ltd

TEAM

Ravi Sahu
 Founder & CEO

Brad Gynge
 COO

The image features a modern building facade with a blue gradient overlay on the left side. The building has a white, geometric facade with recessed rectangular panels and a large glass window on the left. The sky is a clear, light blue. The text is positioned on the blue gradient area.

REAL ESTATE INTELLIGENCE

CRE Matrix
HomeHub
Navanc
Props{AMC}
Realtimate
Reomnify

CRE Matrix

A deep analytics platform for commercial and residential real estate



PROBLEM

Real Estate is an inefficient marketplace because of market opaqueness, an inefficient property records management system and the fragmented approach to gathering and exchanging information.

SOLUTION

CRE Matrix provides accurate and trusted Lease & Sale transactions information, Asset level reports, micro-market analysis, Asset Valuation & Rental & Absorption projections for commercial Real Estate.

It covers Offices (both grade A and grade B), Residential, Retail (shopping malls, high street) and Warehouses. We are experts in layering, integrating and exchanging property market data, and use sophisticated data processing techniques to yield information from large and multi-source structured and unstructured data sets. Based on deep intelligence, we advise our clients through proprietary recommendation engines and decision matrices.

<p>CRE Leases Analytics on Pan India commercial assets (office, malls, warehouses) leasing trends</p>	<p>CRE Charter Boisepole Charts & Graphs depicting trends and patterns in commercial real estate sector</p>	<p>CRE Sales Analytics on Pan India commercial assets (office, malls, warehouses) sales trends</p>	<p>CRE Supply Analytics on Pan India commercial assets (office, malls) supply & vacancy trends</p>
<p>CRE Maps Bespoke Country-level and city-level maps showcasing analytics / trends in commercial Real Estate sector</p>	<p>Home IQ Authentic Residential Intelligence on a Single Dynamic Dashboard</p>	<p>Home IQ Screener Unit-level detailed house price analytics for benchmarking</p>	<p>RADAR India's first and only benchmarking tool to compare projects, micro-markets across all asset classes</p>

CUSTOMERS

- > L&T Realty
- > Goorej
- > Blackstone
- > House of Hiranandani
- > Bagmane
- > Bajaj Finance
- > Phoenix Market City
- > CBRE
- > ESR
- > IndiaBulls
- > PVR
- > ICICI Bank
- > Knight Frank
- > DLF
- > Trent Limited
- > Bajaj Fiannce
- > NYATI

TEAM

Abhishek Tiwari
Co-Founder

Kumar Saurav, CFA
Co-Founder

Nitin Thakur
Co-Founder

If it is registered in India, we've got it covered.

We have developed proprietary algorithms that relentlessly provide up-to-date information and enable deep data analytics across sectors and geographies. CRE Matrix aims to be the largest custodian of registered information in the real estate sector.



Asset Comparison & Valuation

Data analytics around leasing, mortgages, sales etc. that takes your negotiations to the next level.



Benchmarking

Insights that provide the standard of measuring performance of your real estate portfolio.



Demand Supply Analysis

Real time information on transactions and upcoming spaces to make decision making - cutting edge.



Predictive Analytics

Data points that feed into your excel models for accurate forecasting of real estate variables that matter to you most.

CUSTOMERS TESTIMONIALS

“We are at-mostly happy with subscription of CRE Matrix. CRE Matrix enabled L&T Realty Commercial Leasing Team to use Real Estate data behind smart decisions we needed to make; we appreciate their prompt response to our queries.” — Shailesh Lipare, Head, **Commercial Leasing & Sales, L&T Seawoods**

“I would like to share that CRE Matrix Team not only excels in Data Mining & Analytics but also extremely approachable and client-friendly. The Lodha Team sincerely acknowledges all bespoke tasks including but not limited to Signage costs.” — Sandeep Rajsekharan, **EA to CEO, Lodha Group**

CONTACT

abhishekkirangupta@crematrix.com
www.crematrix.com

HomeHub

Collateral Management platform for home and related loans



PROBLEM

- › Decentralized process limiting visibility and control on property visits
- › Data capture and report preparation by technical officers is manual
- › Limited validation and controls and hence open to collusion
- › Increased cost and time for visits especially where distance from branch is more

SOLUTION

- › Central platform to manage all collateral and property visits
- › Digitize entire process making the access to information faster
- › Transparency through visibility on Property visits, collaterals and construction progress
- › Analytics and insights through automated to help save time and improve productivity

PRODUCT

Mobile App for Technical Officers – Better visibility and controls on visits

Assign Visits

Property visits gets assigned to RM/Valuer in web application

Progress

Construction activities generated at branch level in Webapp

Geotagging

Photos can be submitted only at registered property location

Photos/Videos

Number to photos and videos as per plan and instructions for every photo and video in vernacular

Complete Visit

Mark the visit as completed after capturing the construction progress

Customer Module : Reduce number of property visits required

Add Loan

OTP verification using mobile number link to loan

Progress

Construction activities generated at branch level in Webapp

Geotagging

Photos can be submitted only at registered property location

Photos/Videos

Number to photos and videos as per plan and instructions for every photo and video in vernacular

Disbursement Request

OTP verified disbursement request from customer after construction progress verification

CASE STUDY

We launched the product for Indostar Home finance Ltd and have been able to reduce the TAT by more than 80% besides reducing the cost per tranche disbursement by > 50%

CUSTOMERS TESTIMONIALS

“We have been working with Homehub for the past 6 months. The solution has been extremely useful in eliminating valuer visits and automating the disbursement process.

The customer experience has been seamless and the TAT on tranche disbursements has been cut down quite significantly.

We value the engagement with HomeHub and see ourselves working with them on an ongoing basis on various aspects of the Mortgage Business which we believe can be automated in the future.”
— Shreejit Menon, CEO ,**Indostar Home Finance**

“Our experience in working with Homehub solution on the interim disbursal has resulted in greater efficiency in the disbursement process through elimination of multiple touch points. The simple user interface and modular solution will help in onboarding the customers quickly to the platform.

The solution is useful for small ticket loans and will help reduce the cost of monitoring for the HFC.”
— Jayesh Shah, Director - Credit And Operations,
Svatantra Micro Housing Finance Corporation

TEAM

Rajesh Tak
Founder

Ganesh Shankar
Co-Founder

Sumesh KP
General Manager-
Operations

CONTACT

Ganesh@homehub.global
+91 95388 69653
www.homehub.global

Navanc

India's first Asset Credit Bureau



PROBLEM

Individuals, particularly in non-tier 1 locations and in income strata of low income group segments, struggle to financially access loans for assets or leverage assets that they have for productive utility while financial institutions do not have robust methodology to underwrite and take risk on assets possessed by the individual across all tiers and income segments, thereby limiting the credit access for the end customer and limited reach for the financial institutions. There is an extended TAT due to non-digital flow of customer journey and repeated movement of documents which limits the ease of doing business.

SOLUTION

NAVANC has been built on two-layered architecture with a product to support each layer. Valle, is a curated platform of service providers to provide valuation and legal services across all tiers of geographies and forms the basic layer. Navanc Score is a comprehensive engine built on the Valle and strengthened with data models to create a universally acceptable Asset Score.

REPORT ID	TYPE	DATE	VALUATION	STATUS	ACTION
002800	Mobile, Securities	04/01/2022	1100000	Done	View / Download
002801	Real Estate	04/01/2022	1100000	Done	View / Download
002802	Car/Motor	04/01/2022	1100000	Done	View / Download
002803	Life, Term	04/01/2022	1100000	Done	View / Download
002804	Real Estate	07/12/2021	2200000	Done	View / Download
002805	Real Estate	07/12/2021	2200000	Done	View / Download
002806	Mobile, Securities	04/01/2022	1100000	Done	View / Download
002807	Real Estate	04/01/2022	1100000	Done	View / Download
002808	Car/Motor	04/01/2022	1100000	Done	View / Download
002809	Life, Term	04/01/2022	1100000	Done	View / Download
002810	Real Estate	07/12/2021	2200000	Done	View / Download
002811	Real Estate	07/12/2021	2200000	Done	View / Download

Creates Lifetime Value to the Underlying Assets; Helps customers leverage assets to the credit lines, Reduces the TAT in processing of secured loans, reduces risk associated with the portfolio for FI, includes rural and semi-urban areas in actual fintech revolution, Includes Low Income Household properties into fintech space, provides scale to service providers and financial institutions alike to expand into interior geographies through Digital Methods.

CUSTOMERS TESTIMONIALS

“NAVANC would give pragmatic direction to what is today more theoretical DSV. Wholesale Lenders like us would have more confidence in Financial Institutions when we have such tools to assess their underlying assets.”—

Gaurav Vatsa, **CredAvenue**

“Completely necessary product for Asset Based Underwriting. It’s a huge project, a vast one and this could be of huge scale and go beyond just lending.” — Prof. M S Sriram, **IIMB**

“NAVANC would certainly add significant value for Mortgage loan lending and underwriting processes. It would streamline gut feel calls taken on properties with proper scoring mechanism and help Credit Managers take better decisions.”

—Divyansh Gupta, Business Head, **Housing, Navi Finserv**

ACHIEVEMENTS

Selected into Financial Inclusion Champions Program under Bharat Inclusion Initiative of CIIE.co at IIM Ahmedabad with seed grant funding

TEAM

Nagachethan S M

Founder, MD & CEO

Suresh K

CTO

Other important Core Team members include Navin Thangiah, Serial Entrepreneur and is our Tech Advisor. He is an IIT (M), IIM (A) Alumnus.

CONTACT

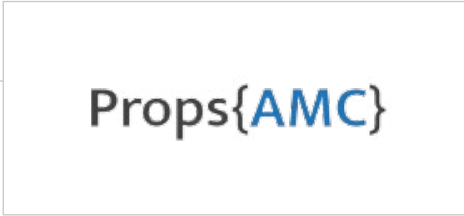
naga@navanc.com

+91 89718 31002

www.navanc.com

Props{AMC}

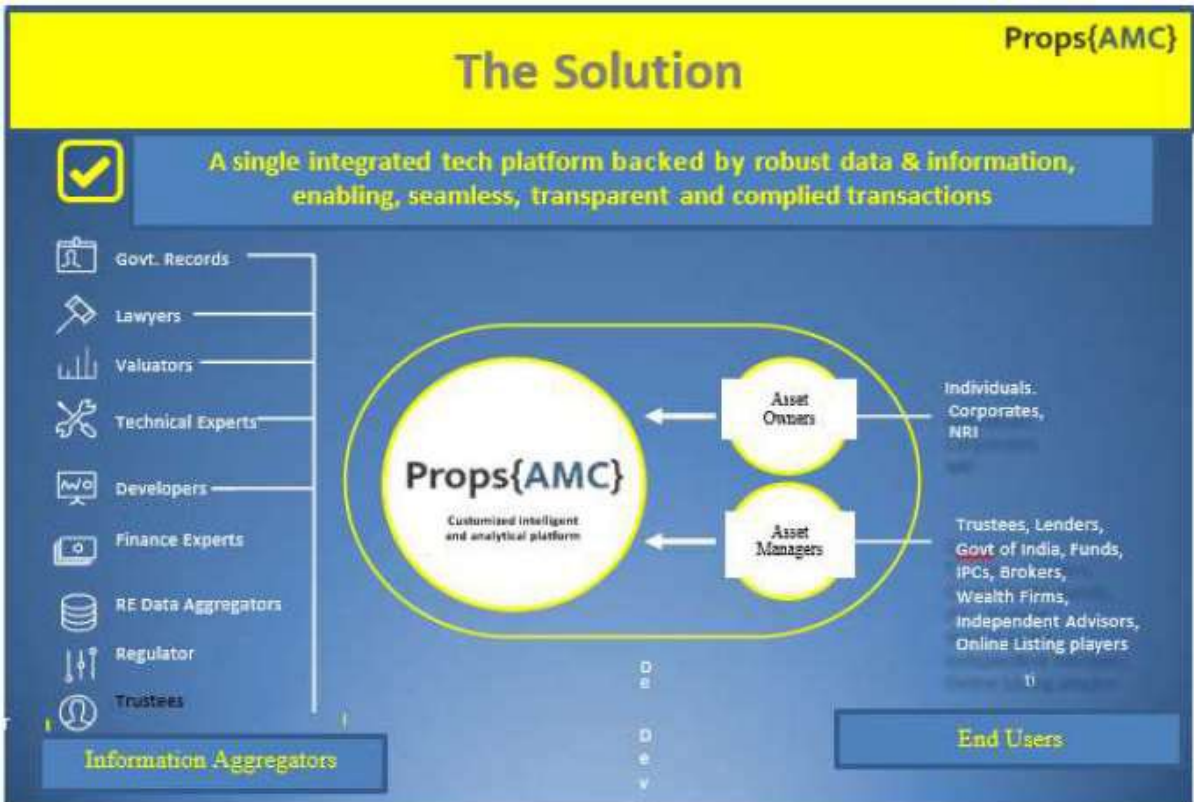
India's 1st Real Estate Asset Monitoring Platform



PROBLEM

Real Estate in India, the most valued, non-transparent, unorganized, un-kept, speculative, secured asset class lacks platforms and technology intervention. It never had tools, which collaborates to review performance. There was a dire need of a code of conduct (RERA, broker license, Land acquisition act), financial inclusion (REITs, relaxed FDI) and enforcement (RERA, SARFASEI) to make this asset class transparent and credible. This asset class is at the brink to change from an aspirational to transactional asset class

SOLUTION



OBJECTIVE

To bring transparency and validation of every single Real Estate asset in India across 3 domains:

1. Legal
2. Technical
3. Valuation

Every data input and sequencing matters to build a credible platform which in-turn will enable intelligent decision-making for all stakeholders in the Real Estate eco-system. Props{AMC}, also is India's 1st platform which will include Real Estate backed securities other than just immovable (residential, commercial, retail, industrial etc..)

CUSTOMERS TESTIMONIALS

"I was very impressed with the speed, attention to detail and customer focus of his entire team. The PropsAMC application is very intuitively built and helped me organize all my building documents and manage workflows." — **Commodity Trader**, Angel Investor, Mumbai

"Props{AMC} is a revolutionary technology solution to streamline your Real Estate portfolio needs through better document mgmt, brokerage and market validation" — **Global Head**, International Bank, Hongkong

"For any potential investor who is skeptical about the Indian Real Estate sector due to its lack of transparency and cumbersome documentation requirement and coordinating with multiple stakeholders, Anand and his team at Props{AMC} can be invaluable service providers. — **Family Office**, Mumbai

TEAM

Anand Morthy
Founder & CEO

Abhishek Sainger
Co-Founder & COO

Natasha Moorthy
Co-Founder & CPO

CONTACT

anand.moorthy@propsamc.com
www.propsamc.com

Realtimate

An Automated Platform for Real Estate Transactions



PROBLEM

Real estate transactions are characterized by being highly manual, time-consuming, and complex. The nature of these transactions often involves significant paperwork, lengthy processes, and various parties involved. Additionally, the real estate market in India is largely unorganized and lacks proper regulations, leading to a significant trust deficit among buyers, sellers, homeowners, tenants and other stakeholders.

SOLUTION

Technology: Realtimate is a technology platform that specializes in automating real estate transactions to streamline the process, enhance efficiency, and reduce ambiguity. Realtimate employs various tools such as digital contracts, KYC (Know Your Customer) verifications, payments, e-stamping, and Aadhaar e-signatures using a seamless workflow on WhatsApp to digitize the entire transaction. Moreover, Realtimate

ensures trust and security by offering digital escrow services. These services secure the funds exchanged during the transaction, providing confidence to all parties involved. Realtimate uses a WhatsApp-based workflow to facilitate seamless progress and control transaction outcomes. This allows for efficient communication, updates, version management and collaboration between stakeholders involved in the transaction process. As a result of the above automation and efficiency we can initiate for example a rental transaction starting from creating an agreement, updating with version control, opening an escrow, making deposits, collecting payments, buying an e-stamp, completing Aadhaar based e-signatures etc all completed under 10 minutes.

Data: As a transaction automation company we have access to the most accurate and realtime information such as sale/rent price, dates, stakeholder profiles etc. and forward-looking data such as possible move out / move in dates which can be used to provide more customized value-added services or leads.



CUSTOMERS TESTIMONIALS

"I recently used Realtimate to prepare my Digital lease agreement and it was an absolute breeze! The process was seamless and efficient, and I cannot recommend this service enough. The platform was extremely user friendly, and I was able to complete the rental agreement including e-stamping and e-signing without any hassles. What impressed me most was the high level of security and protection provided by this service. The platform uses top-notch encryption technology, ensuring that all my personal information and documents were safe and secure throughout the entire process. Moreover, the customer service was exceptional. The team was prompt in responding to my queries and was always available to assist me. Overall, the preparation of digital lease agreement is an exceptional service that exceeded my expectations in every way possible. I highly recommend this platform to anyone looking for a hassle-free, secure, and efficient way to complete lease agreements. Five stars all around!"

— Mr. Advik Ashish, Manager, Indian Overseas Bank

"I am a Real Estate Agent and I deal with a lot of uncertainties in Real Estate Transactions. One of the main things is the lack of commitment between the stakeholders in the early stages of the transaction. In a recent transaction, I worked really hard to find a good property for the buyer, but there was hesitation on the buyer's side due to this being his first purchase. He was hesitant to commit to signing an Agreement for Sale and did not like being forced into paying an advance on a short notice. He wanted to check with his elders and friends and do a lot more due diligence before moving forward. At the same time, I could sense the seller's restlessness because he was getting many offers and he did not have time for jittery buyers. I had a bad feeling that this deal was going to fall apart after weeks of hard work.

Here's where Realtimate helped me greatly. My friend introduced me to Realtimate which has a Memorandum of Understanding (MOU) where the buyer and seller could engage instantaneously and sign the MOU digitally plus any money exchanged like token advance / booking amount could be deposited into an Escrow account that was created for each individual transaction. Both, the buyer, and seller were really happy as it addressed both their concerns, protection of the money exchanged as well as established seriousness. But most importantly, it saved my deal from falling apart and guaranteed the payout upon the successful completion of the transaction. From then onwards, I decided to use Realtimate for every real estate transaction."

— Mr. Abdul Hassan, Real Estate Agent

ACHIEVEMENTS

BRIGADE REAP COHORT 13

Secured Funding from Start-up Indian Seed Fund Scheme (SISFS) – A GOI Initiative

TEAM

Pavan Reddy

(Co-Founder):

Pavan is a seasoned IT industry professional with over 20 years of experience. He holds a bachelor's degree in computer science from Rashtreeya Vidyalyaya College of Engineering, Bangalore, and an MBA from University of North Carolina, Kenan Flagler. Throughout his career, Pavan has made significant contributions in roles ranging from product marketing to running business operations. He has also excelled in managing sales, particularly in leading the ISV program at Red Hat.

Balasubramanya Bhat

(Co-Founder)

Bala is an accomplished IT professional with over 22 years of experience. He holds a Bachelor's degree in Computer Science from Manipal Institute of Technology and a Masters degree from North Carolina State University. Bala has made significant contributions to leading companies such as Honeywell and Apple, where his code has been instrumental in powering billions of Apple devices. He has written about 150,000 lines of code that have been successfully deployed in various Apple products including the iPhones and the Macbooks.

Collectively, the founders of Realtimate have gained extensive experience in the real estate industry, having rented, purchased, and sold over 30 properties across the United States and India.

CONTACT

Pavan Reddy
+91-9108871907
pavan@realtimate.in

Reomnify

India's 1st Real Estate Asset Monitoring Platform

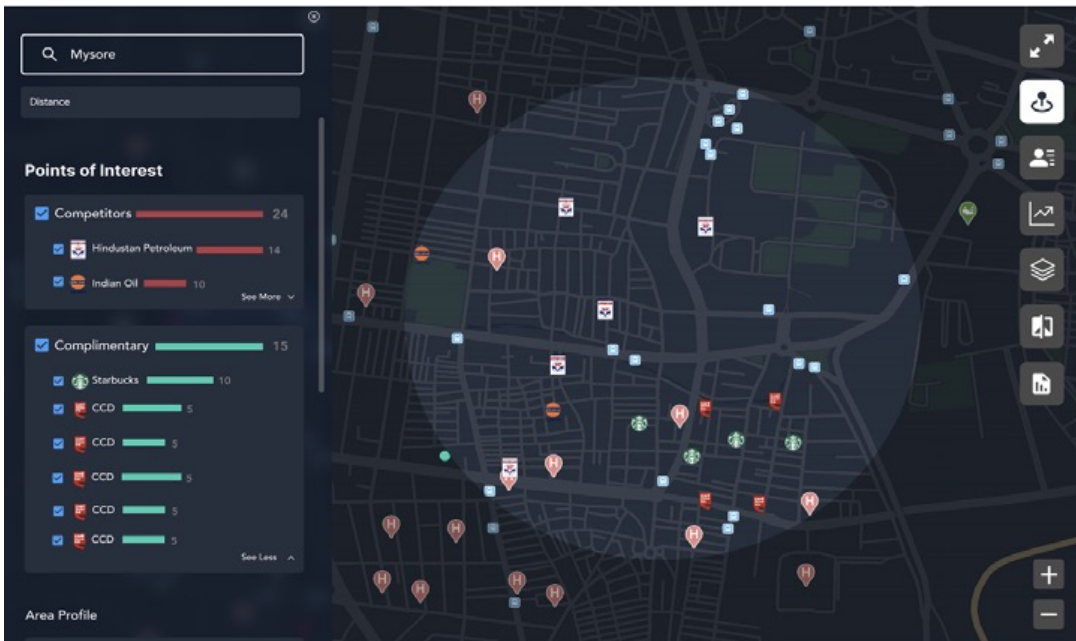


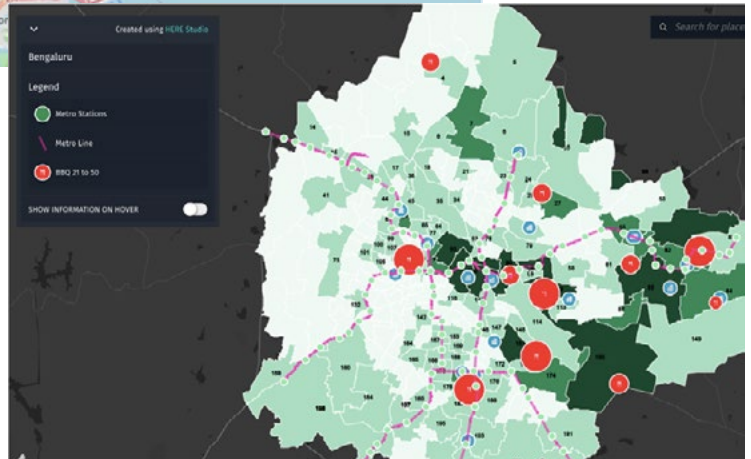
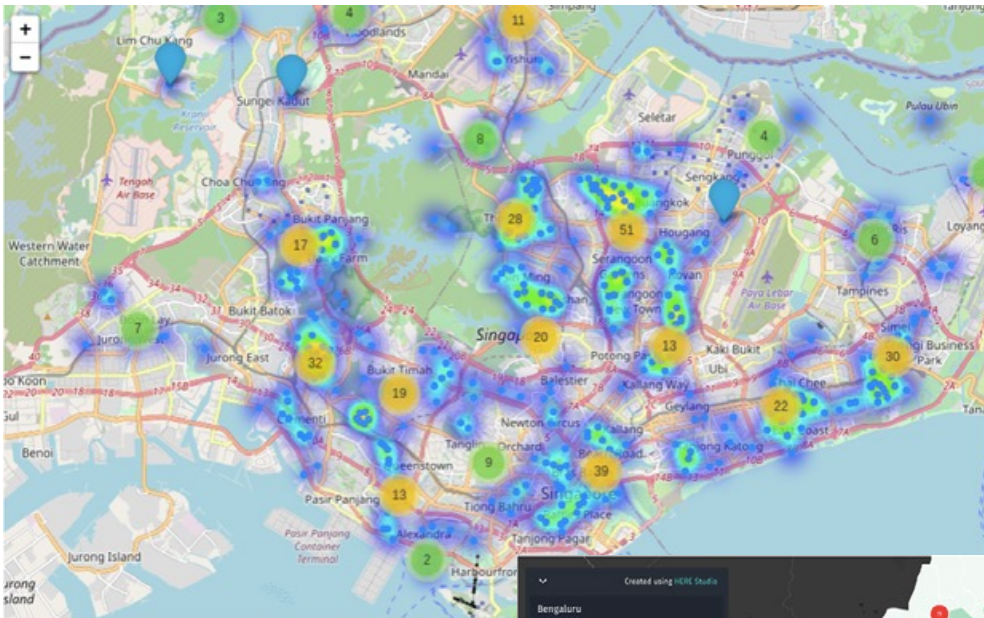
PROBLEM

Traditional Real Estate research has been superseded by new, data-driven approaches, a process that has been accelerated by Covid-19. Industry players have struggled to leverage these new insights as they can be hard to gather, unstructured and require advanced analytical capabilities

SOLUTION

REOMNIFY leverages cutting-edge technologies to create datasets that shed new light on cities, and allow developers, local governments and Real Estate advisors to make better informed decisions. We leverage data from points of interest locations, footfall, credit card activity, satellite imagery and many other sources.





CUSTOMERS

- › JLL
- › Propella.ai
- › PropertyGuru Group
- › Shell
- › Urbis

TEAM

Alex Storey
Co-Founder

Girish Gore
Co-Founder

CONTACT

alex@reomnify.com
+1 650 537 9459
www.reomnify.com

CUSTOMER DELIGHT

Aapka Painter
Exprs
iDesign.Market
KOTS
ZeeSense



Aapka Painter

Painting Solution Provider



PROBLEM

Painting a home is a very tedious and time consuming process with a lot of heartburns that come along with it. Identifying a painter, ensuring there is a comfort of safety with the painter to getting a quote and finally getting the work done, all this can be really overwhelming for a family. And with over 1800 shades and huge product range, picking the right paint product is a major challenge. Also, many end up dissatisfied about the colours after painting is done, causing lots of reworks.

SOLUTION

AapKaPainter simplifies the entire process of painting to a few clicks and transforms mundane walls to colourful, inspiring spaces. With advanced colour consultancy and 3D visualization that intelligently helps select colours, textures and designs, for each wall, thereby leading to increased levels of customer satisfaction. One will also get the exact cost of painting his/her house instantly, based on the product and process selections. AapKa Painter also guarantees fulfillment and control on execution. All of AapKa Painter team of painters are trained and background checked, and are empowered with technology.

The Vendor facing app provides all the required details like project, to ensure timely completion. AapKa Painter's vendors and team of painters are ensured of min 25 days of job in a month and improved financials and quality of life.



TEAM

Anupam

Founder & CEO

Dhivya

COO

CUSTOMERS TESTIMONIALS

“They are very flexible and polite folks, you just will not be disappointed with their approach towards their work. Request to all the newbies please be patient with them as they know their job really well. A very happy customer with the painting services.” Mr. Mallikarjun, has heartfelt kudos to say – “Highly professional. Advised on colour combinations as well. It’s really superb. No doubt AapKa Painter is the best painter of Bangalore.” — Mrs & Mr Viral Singh

CONTACT

anupam@aapkapainter.com

+91 98450 25280

www.aapkapainter.com

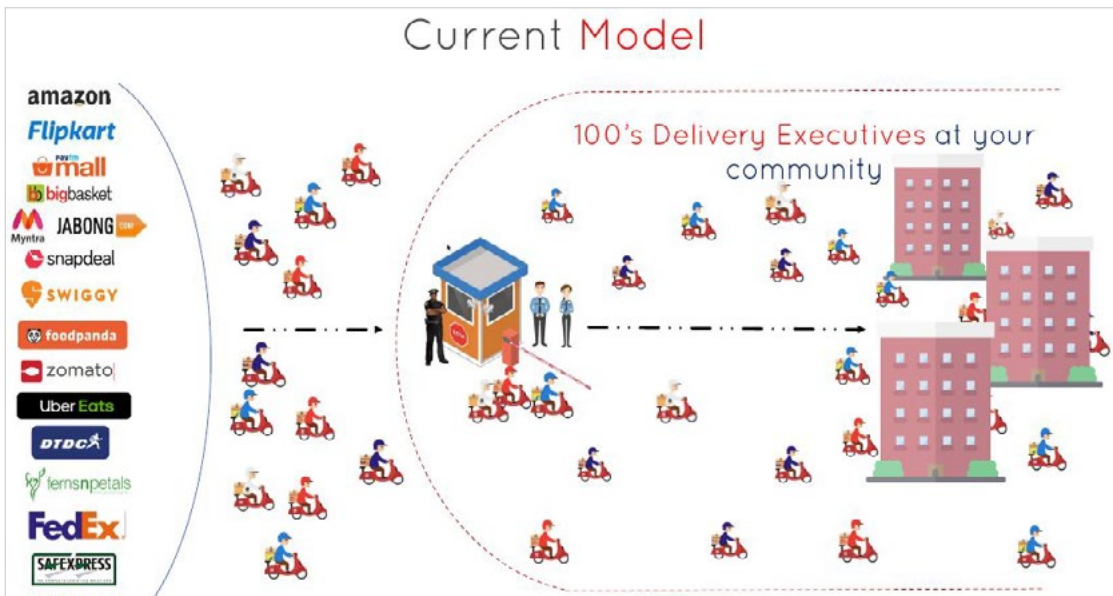
Exprs

Integrated last yard & intra campus parcel delivery solution

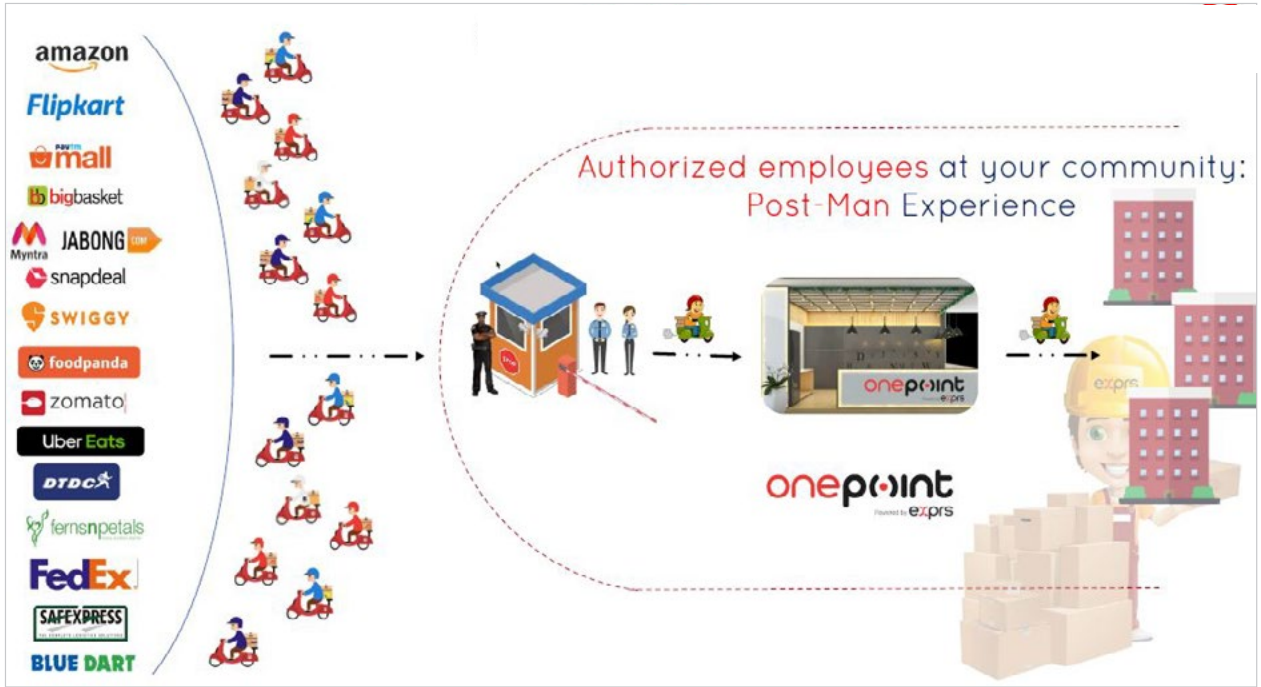


PROBLEM

On a daily basis 100s of delivery executives enter a community or complex to deliver various products to various sets of people. The executives are at times forced to stay between 10 minutes to 10 hours. Security becomes a huge matter of concern here.



SOLUTION



Smart lockers vs Onepoint

Description	Smart Lockers	Onepoint	Differences
Security	Delivery executives have to enter into community to store the parcel	Onepoint stops all delivery executives at gate. No unknown persons within community anymore	Manual entries at gate still remains the same. 100's delivery executives enter into community every day
Type of parcels	Only e-commerce. Perishable deliveries are not possible	Onepoint collects and delivers food, groceries, medicine and e-commerce deliveries	Onepoint can accept and deliver any type of parcel
Parcel Quantity	Limited to 50 or 100 parcels maximum at a time	Unlimited parcel storage at Onepoint with min of 100 sq ft space at community	With limited parcel storage, the security problem is not completely solved
Cash on delivery	Smart Lockers cannot handle cash on delivery orders	Integrations with most of the e-commerce helps in handling cash seamlessly	Delivery Executives wait for the customers to come for Cash on Delivery orders. With Onepoint, no one waits.
Services	Smart lockers handle only delivery services	With authorized people present at Onepoint, we handle on demand deliveries and provide concierge services	Multiple services under one roof makes lives of the people staying the community easy & convenient
Safety & Security	Existing security should monitor the setup	Executives at Onepoint act as an extended arm to the security when required	The CCTV Setup & people at One point will give an additional security layer to the existing layer

CUSTOMERS

- › Aparna
- › Ascendas Singbridge
- › bagmane
- › Brigade
- › DivyaSree
- › DLF
- › Embassy
- › Incor
- › Lodha
- › Mahindra Lifespaces
- › Mindspace
- › My Home group
- › NCC Urban
- › K Raheja
- › Rain Tree Park

TEAM

Srinivas Madhavam

CEO

Jeevana Rekha

COO

Srinivas Gunturu

CTO

CONTACT

sm@exprs.com
+91 80080 00304
exprs.com

iDesign.Market

Erp Grade Application for Interior & Construction Industry

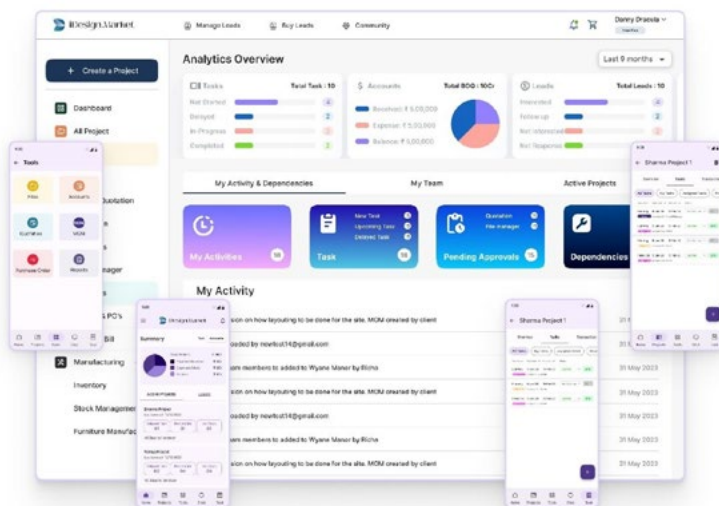


PROBLEM

Interior and Construction industry is one of the largest globally but remains least digitized, plagued by inefficiencies and low productivity. Common problems in the industry are fragmented data, ineffective communication between site and office, collaboration issues, procurement challenges and multiple changes in drawings, quotations and in turn purchase indents.

SOLUTION

At iDesign.Market we provide a vertical SaaS for the Interior and Construction Industry. Our solution serves as a comprehensive workflow platform that seamlessly integrates every aspect of the business, from client onboarding to project management and cost management. The platform is intuitive and easy to use, available both on app and web, and offers a range of powerful features. With tools such as team management & collaborations, easy project scheduling, drawing management, quotation tool etc allows for all data and information to be centralized in one convenient space, ensuring easy access with user-specific permissions.



ACHIEVEMENTS

- › BRIGADE REAP COHORT 13 Raised \$200,000 in Pre-seed from a consortium of Angel Investors enhance the overall offerings

CONTACT

Ashish Dhingra
ashish@idesign.market
+91 8920614255

TEAM

Ashish Dhingra

Co-Founder & CEO

School of Planning & Architecture, Delhi | XIM, Bhubaneswar

Ashish has a deep domain experience in Interior in Construction Industry having spent last 10 years as an entrepreneur, having successfully executed more than 500 projects across India. He started career in Private Banking spanning 10 years, with leading banks like Standard Chartered Bank in UAE and ANZ Bank in Singapore. He has extensive experience in building teams, GTM, and driving profitability

Sunil Bhakuni

Co-Founder & CTO

Ex Senior Solution Architect, AWS | Founding Team Jabong.com

Sunil has 20+ Years of experience with Leading IT giants like AWS.com, Jabong.com (Now part of Myntra.com), myKaarma.com, Boutiqaat.com, Cardekho.com, Lenskart.com, Freecharge, etc. He has played an extensive role in leading the efforts in building the startups ecosystem for AWS clients in South-East Asia Region. He has build, Re-Designed and ReArchitected the tech Stack for various e-commerce primes and has strong expertise in scaling the tech from 0 to 100.

KOTS

Reimagining Home as a Service



PROBLEM

For the never settling populous, Housing is more efficient when rented and access to a quality home is *'the quintessential necessity'* for new age tenants. The larger inventory neither matches the needs of these tenants nor it is optimized for value creation and lacks sustainability as a long-term business for the landlords.

SOLUTION

Our mission is to build a direct-to-consumer brand offering Home As A Service. We are a full stack solution where we design and operate products which have a higher PMF and these products are standardized, optimized and sustainable for a long term business.



KOTS ONE

Sai Layout, WHITEFIELD



KOTS DEUX

Borewell Road, WHITEFIELD



KOTS TROIS

Hoodi, MAHADEVPURA



KOTS QUATRE

Maithri Layout, WHITEFIELD

TEAM

Vijeth Kumar PR
Founder & CEO

Sangita Holiyachi
Co-founder, Business OPS

N Vidya Kanna
Co-founAdvisor, Board Member

ACHIEVEMENTS

- › We ran on 75% + occupancy even during covid and currently we are running on 100% occupancy from several quarters with more than 30 days waiting time. 77% of customers renew the 11 months contracts we offer.

CONTACT

hello@kots.world
www.kots.world

Zeesense

IOT based safety & security solution for smart communities



PRODUCT

Key strategy is to use IOT and sensor analytics to develop Products and Solutions targeting Smart Homes and Smart Communities. These solutions will have platform based architecture which is scalable, highly configurable, operable anywhere and anytime over internet. This strategy will culminate into a unique Smart Township IOT Portal that will be a cloud based solution to manage all IOT devices and services.

This would be a branded Smart Township IOT Portal.

The “Digital Future” will demand solutions to complex systems such as gated communities and this Smart Township Portal is a unique solution and will be the key differentiator to ensure success in the market.

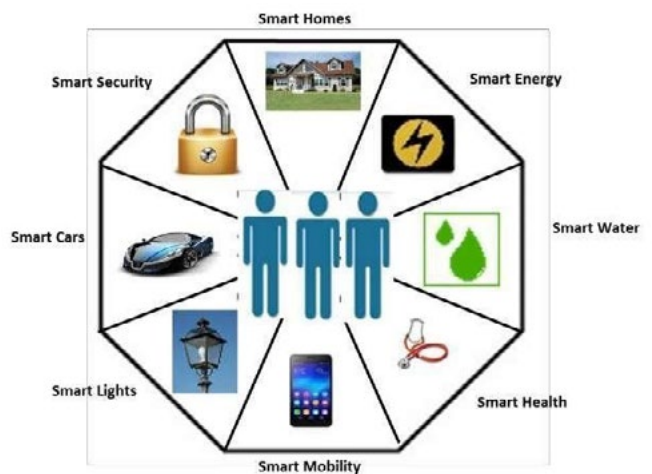
SOLUTION

Over the last 3 years, the company has focused on development of products and solutions. At building block level, it has successfully developed several products, technologies, platforms. These have been tested and deployed in market. The IOT Smart Township Portal is now ready for deployment as well.

Applications for the Smart Township IOT Portal Patent already been made. The first comprehensive package for Safety & Security with a Digital Platform, so critical for Gated Communities & Townships, is ready & preparations to go to market are on.

A limited list of the other IOT based products and solutions developed is listed below:

- > Smart Home: (deployed)
- > Smart Lighting: (deployed)
- > Smart Streetlight : (deployed)
- > Smart Energy (deployed)



CUSTOMERS TESTIMONIALS

“Zeesense has been associated with Shantiniketan Commercial for past 4 years and are our partner of choice for all our security solutions. They are very professional and competent, with excellent focus on customer satisfaction. Their technical knowledge and design skills have helped us enhance and improve our critical security systems significantly”.— *Prestige Shantiniketan Commercial,*
Mr. Ajayapal, VP, PSNPMS

TEAM

H.K.Katti
V.R.Venkatesh
P. Hariharan

All senior business leaders, professionals and industry veterans with over 100 man years of experience in technology & solutioning.

CONTACT

venkatesh.vrv@zeesense.com

www.zeesense.com

DIGITAL MARKETING

Metroguild
PropVR
REPP Tech
Totality



Metroguild

Building Human Connections to
Cultivate and Earn Trust

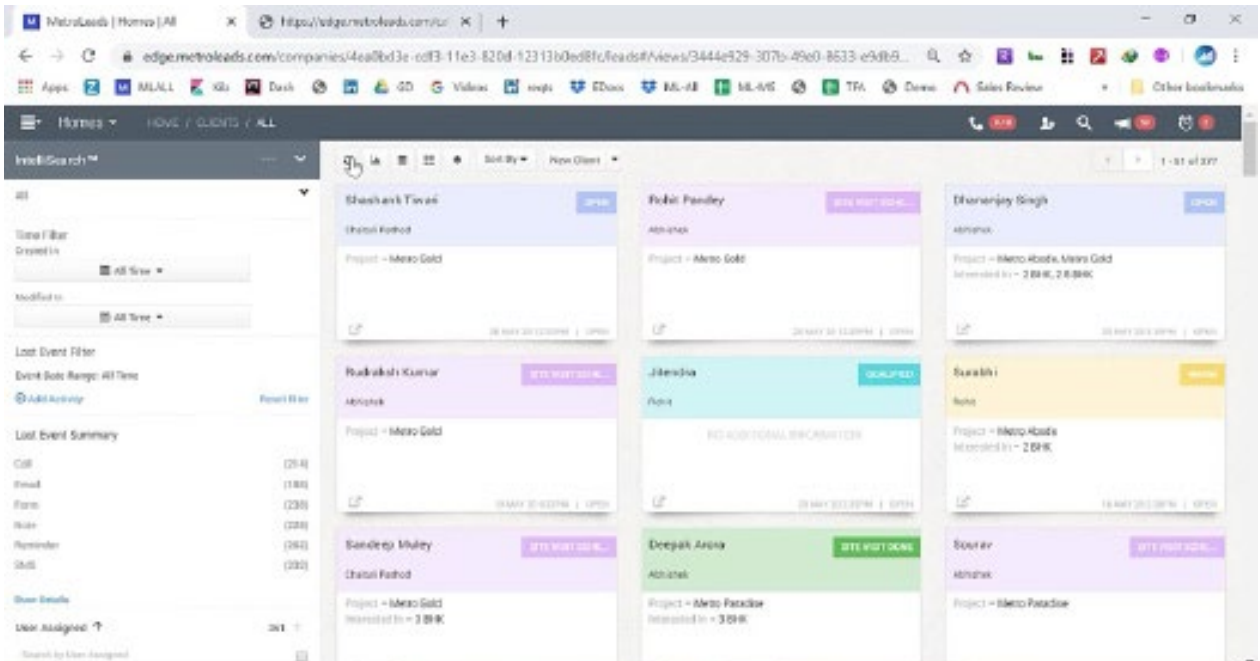


PROBLEM

Real Estate Developers and their CPs, must market and sell, both online and offline. This involves engagement on numerous online channels and offline engagement via walk-ins, site visits, hoardings, etc. Most marketing and sales CRMs are generic and complicated to use daily. Even Digital marketing is less effective with flat buyers being barraged with non personalized campaigns.

SOLUTION

MetroGuild builds products like MetroLeads CRM which manages the sales process of Real Estate from lead capture (all sources, including hoardings, social medial, walk-in) to closure. MetroLeads can be deeply customized according to the Customer's business process with out of the box communication stack (Omni-Channel: Voice, Video, VoiceBots, SMS, WhatsApp) and intelligently presents with actionable insights to hyperpersonalize customer's sales and out reach engagements. All this with smart automation and automatic lead nurturing.



MetroLeads Foundational Elements



CUSTOMERS

- > Gagan Developers
- > Pride Purple
- > Rama Group
- > Emirus Realty Pvt. Ltd.
- > Kohinoor
- > Goel Ganga Developments

TEAM

Cyrus Irani
CEO

Arif Imrani
CTO

ACHIEVEMENTS

Awarded as the
“Best CRM Startup of the Year 2020”
at Realty+PropTech

CONTACT

cyrus@metroguild.com
+1 310 938 3551
www.metroguild.com

PropVR

Redefining digital Real Estate experience



PROBLEM

Real Estate companies spend a tremendous amount of money and time in helping customers and stakeholders to visualize their property spaces. Even though virtual reality is an effective solution for this, it is highly dependent on digital agencies which makes it expensive and not scalable. Moreover, the immersive experiences created by such agencies lack an effective way to increase engagement and help companies to boost Real Estate sales.

SOLUTION

PropVR is an AI based Virtual Reality platform for builders, architects and interior designers to help increase customer engagement and convert leads faster using immersive experiences at an affordable cost within 24 hours. The product is offered as a SaaS model to Real Estate companies. Apart from this, the company is also in the business of providing custom VR/AR solutions



Once created, our other tools allows you to use VR in **collaborative and innovative ways**

3D Visualisation

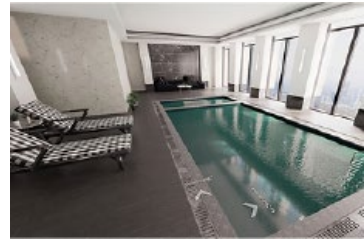
Complete digital real estate visualisation from anywhere



Project Exterior in day and night view



Showcase 5km radius of the Neighbourhood



Amenities Walkthrough



Interior 360 tours



Gallery View of Collaterals



Video Walkthroughs

Virtual Site Visits

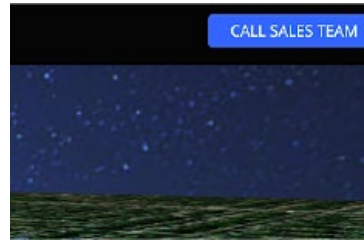
Complete digital real estate visualisation from anywhere



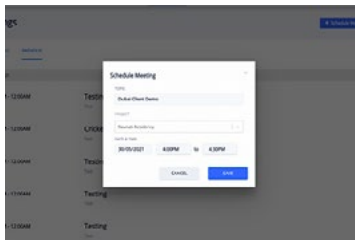
Remote Showcase



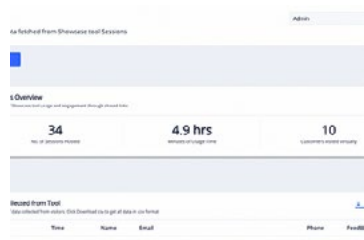
Integrated Video and Voice



One Click Integration



Schedule Virtual Site Visits



Monitor Sales Performance

CUSTOMERS

- › Brigade
- › Godrej properties
- › Mahindra Lifespaces
- › Rustomjee
- › Salarpuria - Sattva
- › Aditya Birla Group
- › Bhutani
- › ATS
- › SPR City
- › DRA
- › Raunak Group
- › Casa Grande
- › Marlin Group
- › Kohinoor
- › Ambience
- › Omaxe
- › Sheth
- › Paras
- › Edenpark
- › Emami Realty

CUSTOMERS TESTIMONIALS

“PropVR products are built for times like these, and also are a great way to optimize your marketing spends. Their team is also very swift in deploying the solution”.— ***Brigade Developers***

“PropVR is an ideal solution for building property experiences for the new age. They are also very affordable” — ***Casa Grande Developers***

CASE STUDY

DRA Builders, a renowned builder in Chennai, recently used PropVR 3D showcase solution and were able to digitally sell over 150+ units to their NRI clients during the pandemic

ACHIEVEMENTS

- › Started in 2016, to create high quality 3D visualisation using software
- › Filed 5 international patents on Real Estate 3D creation and remote showcase
- › Recognized as top prop-tech company in India by CBRE and NASSCOM
- › Partnered with Square Yards to enhance the overall offerings

TEAM

Srinath Kandala

Co-Founder & CEO

With 8 years experience in Business Development and Sales, Srinath heads the company operations and business activities.

Sunder Jagannathan

Co-Founder & CPO

He has led development and business strategy for multiple startups, and is also a recognized technologist by NASSCOM. He heads product development and growth.

CONTACT

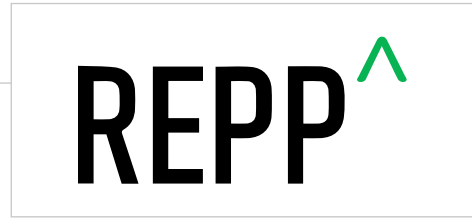
sunder@propvr.in

+91 95972 58032

www.propvr.in

REPP Tech

One Platform to generate and manage all your leads

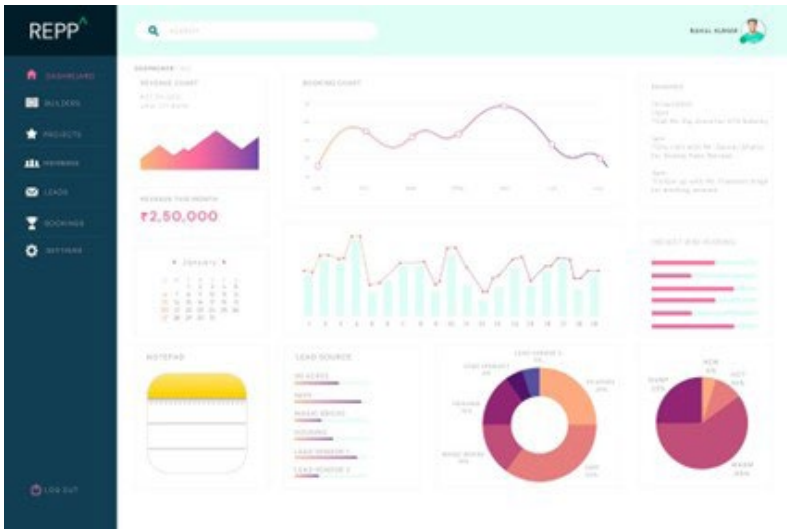


PROBLEM

There are 10L+ real estate brokers in India but only a handful are able to scale and the main reason for this is low tech adoption in the industry.

SOLUTION

Sales Maximization Platform - Unified platform for curated leads and management of those leads. REPP is driving tech adoption with small and medium real estate brokers and builders by empowering them with technology and unparalleled data and insights.



CASE STUDIES

Started few years back after resigning from another channel partner by Mr. Himanshu Kapur. Main challenge they were facing was to scale quickly. They started using REPP which helped them with

1. Lead Generation
2. Lead Qualification and Nurturing
3. Lead Management

Benefits

- › Did not require to set up a digital marketing team and a pre-sales team.
- › REPP helped in providing Sales ready leads hence Rezicom was able to focus entirely on sales

Results

- › Over 3000 leads delivered
- › 300+ site visits conducted
- › Monthly Closures increased from 1.5 to 4
- › Inventory Sold Worth 20Cr

TEAM

Ankur Gupta & Amandeep Singh

Founders

Mr Ankur Gupta and Mr Amandeep Singh are the founders. Both are MBA friends and have experience in multiple sectors across Indian and International markets. They have combined experience of over a decade in the real estate sector wherein they have worked closely with the brokers and the builders for their performance marketing requirements.

CONTACT

Ankur Gupta +91 98101 10271
Amandeep Singh +91 99111 77668

Totality

First Platform for Realtors which can help reduce Customer Acquisition cost by 66%



PROBLEM

- › Insufficient automation processes due to multiple interfaces
- › Limited actionable data insights on sales end
- › High customer acquisition cost
- › Limited customer engagement post booking
- › Limited standard solution offering web & mobile interface
- › Automation of referral solution
- › No actionable insights on developers media spends | still relying on Multi touch attribution
- › Automation of channel partner interactions
- › Keeping a track on customer behavioural pattern

SOLUTION

Totality is a platform that offers realtors a Real Estate suite. It provides a series of technological modules to help automate all the sales and marketing functions, eventually structures all new and historical data points to help realtors optimize their marketing efforts, expenditure, and team efficiencies.

With the help of Automated Marketing Mix Modelling, and AI & ML integration, we have been able to bring actionable insights for the Sales and Marketing team, helping them reduce their customer acquisition costs to 1/3rd.

- › One Platform for multiple software
- › Reduces Customer Acquisition Cost
- › Track End to End Customer Journey at one platform
- › Integration with 3rd party software
- › Customisation possibility to a certain Extent
- › Automated Marketing Mix Modelling
- › AI / ML based customer insights/behaviour
- › Channel Partner Business Insights
- › Media Mapping & Optimisation

CUSTOMERS

- › Mantri
- › Puravankara
- › Salarpuria-Sattva
- › Gurukrupa
- › Mayfair
- › IM Buildcon
- › Poddar Housing
- › Kamdhenu
- › Raunak Group

CUSTOMERS TESTIMONIALS

“We have witnessed our referral marketing growth from 3% to 13% in two quarters, and we are still migrating all our data points on TOTALITY’s system. I strongly believe these guys are onto something big and I can’t wait for a day to totally transform our current marketing, CP & Sales Ecosystem”.

— *Shyamal Modi, Raunak Group*

“We have managed to receive more than 220Cr+ worth of EOI in the first 40 days of COVID Lockdown. What Totality team has brought on the table is something exemplary. We are glad we started our journey to digitalize ourselves & parallely move towards digital experiences. Totality can pitch in almost every aspect of Sales & Marketing functions which facilitates automation in 80% of our processes”

— *Nikinj Sanghvi, Veena Developers*

TEAM

Govind Rai

Co-Founder & CEO

- › 9 years of Real Estate experience
- › Director Strategy - INIT - Gobananas
- › Co-founder - Insomniacs | The Blueprint

Paritrupt Bagadia

Co-Founder & CTO

8 years experience in Technology Development

- › Co-founder - Freeway Film Company Ltd. | Illuminati Ecom Pvt. Ltd.
- › VP - UI/UX, Zursh (USA)
- › Co-founder - Insomniacs

Soham Navadiya

Product Head

- › 3 Years experience in Technology Product
- › CIO - Insomniacs
- › Software Engineer Aubergine solutions Pvt. Ltd.

CONTACT

shruti.ved@realtyx.co.in

+91 97699 84103

www.totalityre.com

MARKETPLACE

GoFloaters
JustFence
Renewate
Woodzon



GoFloaters

Flexible, on-demand work and meeting spaces for individuals and remote teams.

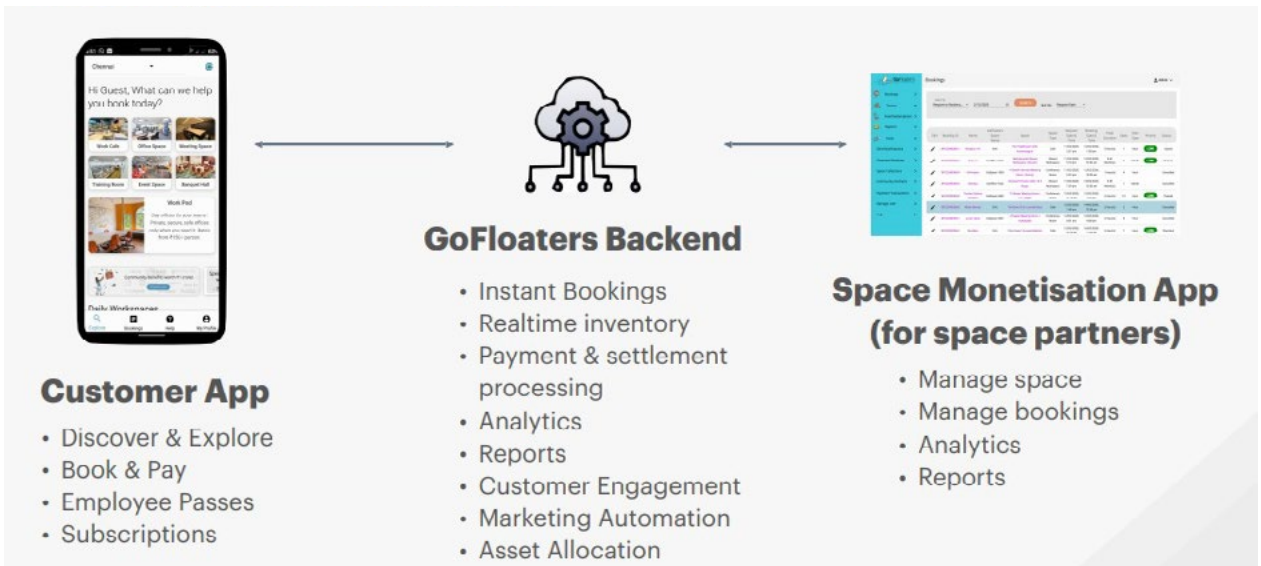


PROBLEM

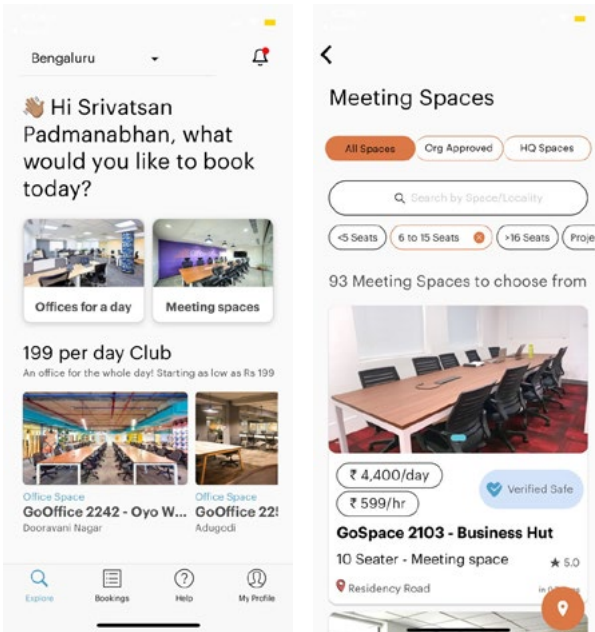
Offices as we know, it is becoming a luxury for knowledge work businesses. This has been proven beyond any doubt by the current pandemic situation. 3 Million IT & ITES employees in India are projected to work remotely in 2021 and beyond. Existing offerings of commercial Real Estate are not viable for the work from anywhere model that many businesses are embracing. GoFloaters converts excess / underutilized commercial office space into a utility that can be made available on the tap to an individual or a team.

SOLUTION

GoFloaters has built India's largest on-demand office space network with over 1200 spaces across 18 cities. These spaces can be booked by individuals and teams for short terms & subscription basis instantly. GoFloaters partners with business owners who have under-utilised or excess capacity, curates them and converts them into on-demand spaces that can be booked by its users using the GoFloaters app. We have launched GoFloaters for Teams which is a Work From Anywhere Platform for an enterprise. GoFloaters is tech driven, distributed, flexible, cost effective and provides instant access to spaces.



APP SCREENS



CUSTOMERS

- › Decathlon
- › IndusInd Bank
- › Nippon Paint
- › Homelane
- › Shriram Life Insurance
- › Notionpress
- › Wind&mom
- › Thinkmusic

CUSTOMERS TESTIMONIALS

“Freedom to set up my office – Gives me the freedom to set up my office across citie”.
— *Vinay Pushpakaran, Future Impact Learning*

“Plug and Play - Never have to worry about Internet or Plug Point”
— *Arpitha Ramani, GE Healthcare*

“External meeting made easy - My go-to platform for all our external meeting”
— *Balesh Raghurajan, Effir consulting services*

TEAM

Shyam Sundar
Founder

Srivatsan Padmanabhan
Co-Founder

CONTACT

shyam@gofloaters.com
+91 98402 91577
www.gofloaters.com

JustFence

Property Fencing and Security Solutions



PROBLEM

More than 80% of lands globally are not fenced! This was the problem statement that got JustFence (Dextra Square) started. When a land is unfenced, it can lead to several problems such as;

- › Encroachment by neighbours
- › Trespassing and theft by criminals
- › Illegal occupation by miscreants
- › Property damage by Domestic & Wild Animals

Getting Property Security done right now is difficult!

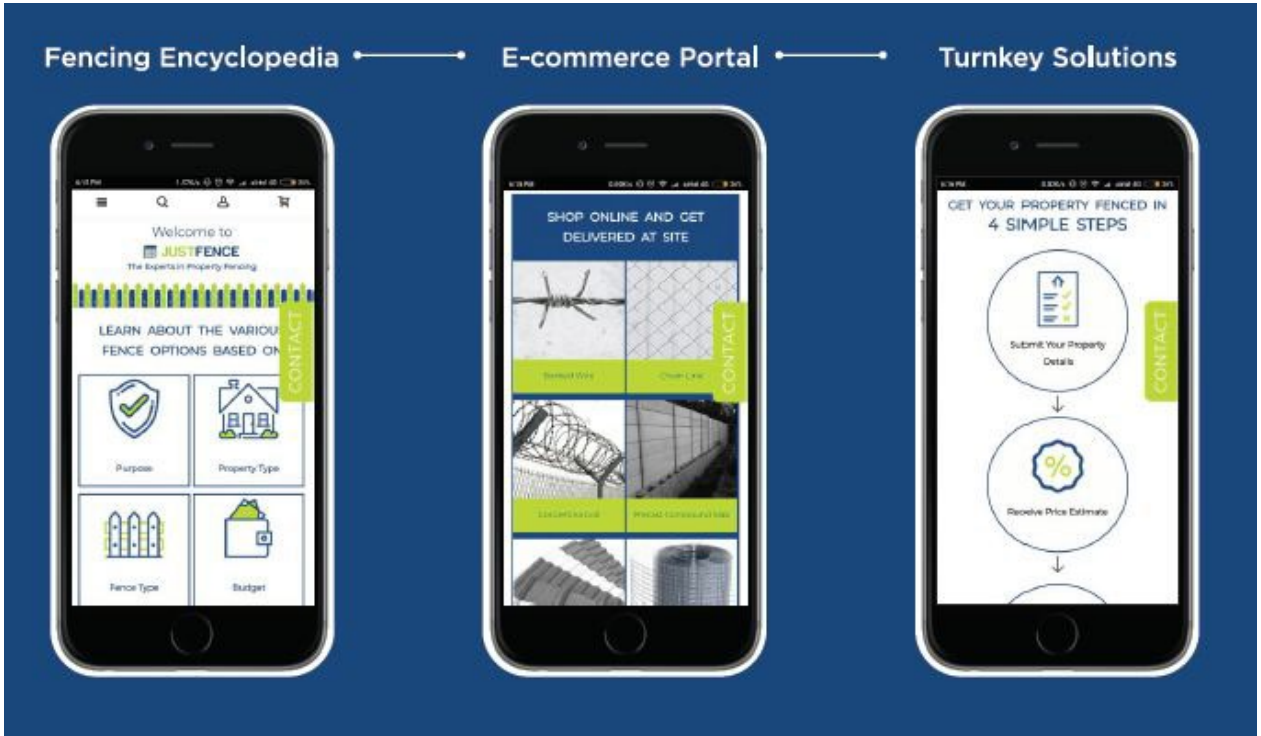


Improper Property Security can be...

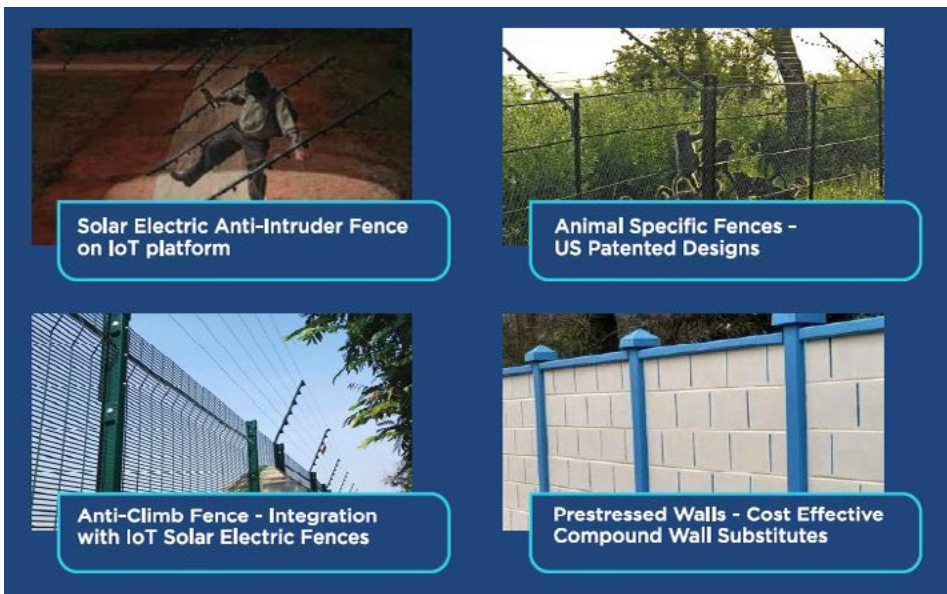


Property Crime Statistics of Bangalore in 2016

PRODUCT (JUSTFENCE)



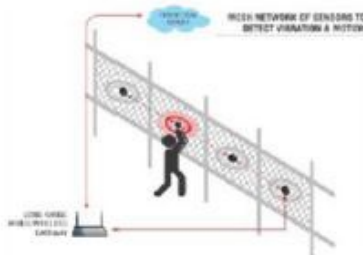
UNIQUE OFFERINGS



TECHNOLOGY — LED SOLUTIONS

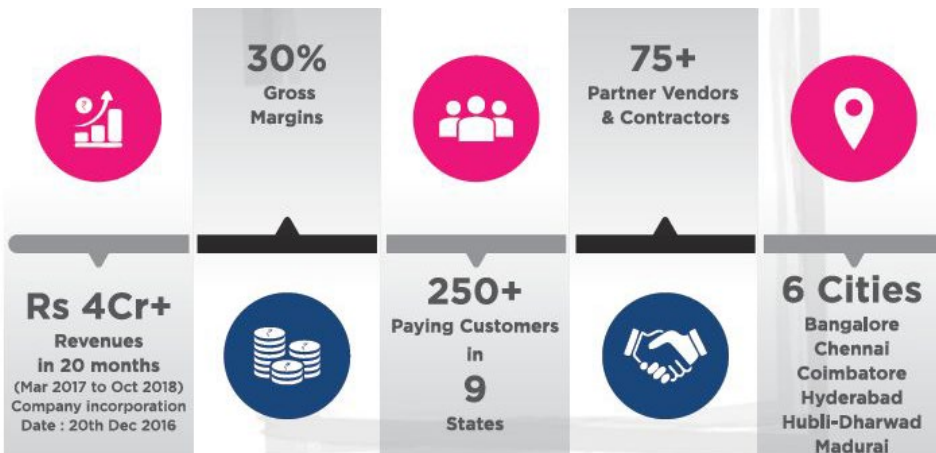


Virtual Fencing - Tripline Alerts



PIDS (Perimeter Intrusion Detection Systems)

PROGRESS SO FAR



CUSTOMERS

- › Biocon
- › Prestige Group
- › Ebaco
- › Manjushree
- › Prozone
- › Aurobindo
- › Pricol
- › Zerodha
- › Goyal and Co.
- › Venky's
- › LGCL

ACHIEVEMENTS

- › Geographical Presence: 9 cities
- › Customers Served: 1000+ Customers in 20 States

TEAM

Kunal Banthia

Co-Founder

- › Cass Business School, London
- › MBA - Great Lakes, Chennai
- › MBA - SP Jain, Mumbai
- › 3 years sales experience in HR domain in London
- › 5 years senior management experience in chain stores

Ankita Bald

Co-Founder

- › Computer Engineer, RVCE, Bangalore
- › 3 years e-commerce experience, selling on Amazon & Flipkart

CONTACT

kunal@justfence.in

+91 95664 00888

www.justfence.in

Renewate

Tech enabled home renovation solution

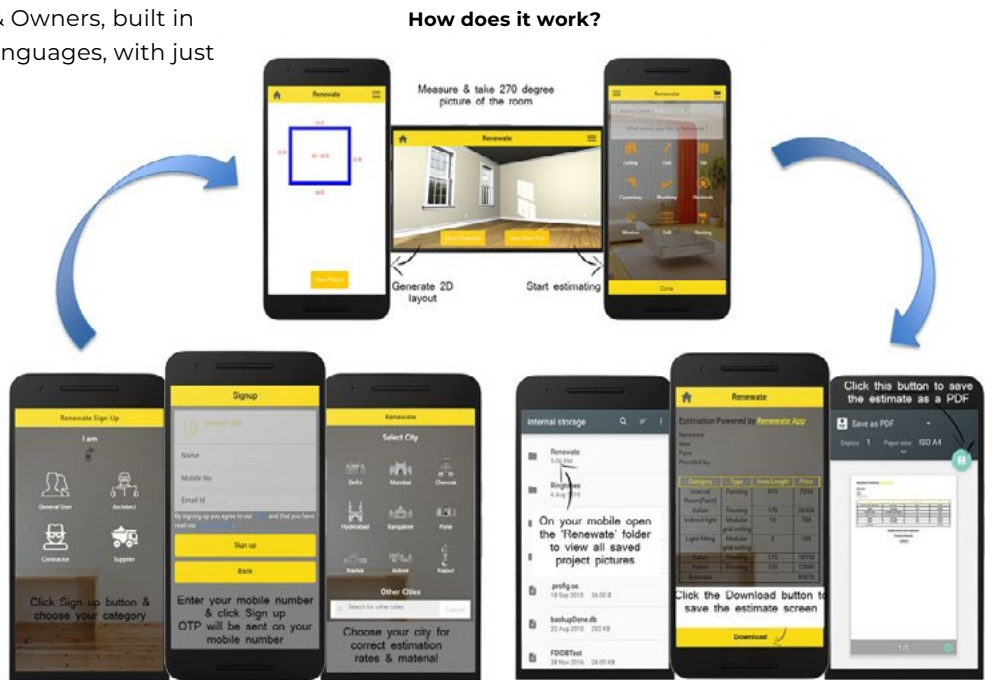


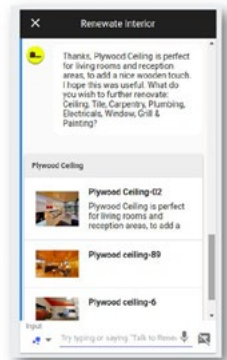
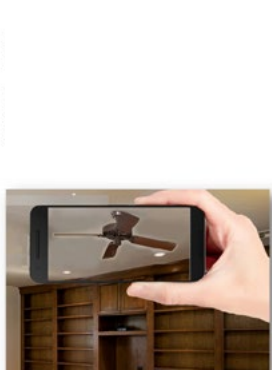
PROBLEM

The last few decades has seen phenomenal growth in infrastructure development, modern buildings retail spaces and housing. Consumers are more informed today, making their choices online, booking services using smartphone and are demanding world class solutions. However the Indian contracting and design industry has not been able to keep pace with this new India, still using archaic methods of design, development and work process. It has lead to a chaotic unorganized, redundant sector with far below par contribution to the industry

SOLUTION

ReNEWate is a set of web & mobile App based solutions to estimate, ideate & create for Designers, Contractors, Vendors, Architects & Owners, built in English and native languages, with just a few clicks.





Augmented Reality

The Renewate AR solution allows real time live demos of material choices to the customer, helping make instant decisions

Artificial Intelligence

The AI feature allows simple answers to queries helping make decisions faster

CUSTOMERS

- > Niyuj
- > Brigade
- > Guardian
- > Ceratec marbles & Tiles
- > Berger

TEAM

Debashree Ghatak
Co-Founder

Supratik Ghatak
Co-Founder

CONTACT

supratik@renewate.com
+91 98601 48544
www.renewate.com

Woodzon

Online B2B marketplace for woodworking industry



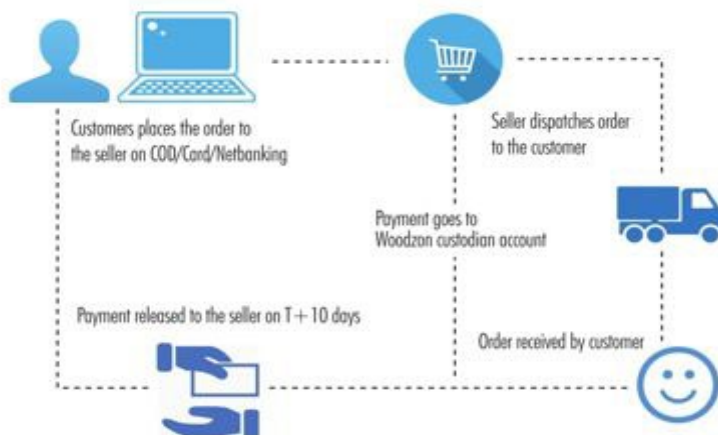
PROBLEM

The woodworking sector offers tremendous growth opportunities for existing woodworking industries and emerging entrepreneurs but only 15% of India's woodworking industry is organised. They witness challenges such as excessive middlemen trade, low productivity & standards, limited source of information and lack of product awareness.

SOLUTION

Woodzon is a revolutionary network which aggregates products and services from a wide array of suppliers, whereby selection is usually wider, availability is higher, and prices are more competitive than in vendor-specific online retail stores.

Woodzon.com aims to facilitate the growth of woodworking industry by offering an ideal platform to woodworking professionals, which helps them in taking wise purchase decision, achieved with perceived savings in TIME and MONEY. It is designed in such a way that it will generate both SALES and ENQUIRIES for sellers, and at the same time give them category specific BRANDING and AWARENESS.



POWERED BY TECHNOLOGY



- Machine Learning > Trigger Spot Offers & Deals
- Social Signal Validation > Customer Authentication
- Artificial Intelligence > Reorder Forecasting
- Big Data Analytics > Cost & Delivery Optimisation
- Alternative Credit Scoring > Buyer On-Boarding
- Predictive Analytics > Demand & Price Forecasting
- Clustering Data Points > Trigger Group Bulk Buying

Woodzon
Club Membership

WOODZON EFFECT

10 Member Exclusive Benefits

- | | | | | |
|---|--|---|--|--|
| 1
All Leading Brands and a Wide Range From One Place | 2
Wholesale Price and Lightning Deals From Brands | 3
Interest Free Credit Upto 15 Lakh as Overdraft | 4
Priority One-Day Delivery Under Fast Mode | 5
Rs 5,000 Cash Voucher on Signup as Welcome Offer |
| 6
Dedicated Relationship Manager For Order Customisation | 7
Earn Additional Cash Bonus On All Purchases | 8
Job Works and Project Leads from Woodzon Network | 9
Gifts and Freebies From Affiliate Brands | 10
Priority Shopping and Selection Before Regular Customers |

Signup Now!

SOURCE SMART
SAVE MORE!

BENEFITS

- › Wholesale pricing
- › Product comparison
- › Assisted buying experience
- › App based delivery tracking
- › Credit and loan facility
- › Profile based recommendation
- › 200+ payment options
- › Dedicated customer support

ACHIEVEMENTS

- › Strategic Alliance signed with Fordaq in 2016
- › Signed up 1000 leading brands on board
- › Selected by Brigade REAP accelerator in 2017
- › Signed barter agreement with Indiawood
- › Trade Alliance signed with Trademachine in 2018
- › Achieved 1.4 Million page views in one month

CUSTOMERS

- › Greenlam Industries Ltd.
- › Wakefit
- › Featherlite
- › Spacewood
- › Elenza
- › Zenith
- › Livspace
- › Philippe Door'e
- › Custom Decor
- › I.evo

TEAM

Binesh Viswanath

Founder & CEO

Rinosh Jacob Kurian

Co-Founder & CTO

Benoit Nieuwenhuys

Strategic Advisor

Raghavendra N K

Strategic Advisor

Amit Arora

Strategic Advisor

CUSTOMERS TESTIMONIALS

“Never thought such a good response for campaign. We should attempt similar ones for EDGE BANDERS also immediately.”

— *Shyam Krishna, Director, Altendorf India*

“Woodzon has supported us in taking the message out about STARKE D3 across India”

— *Amit Lohiya, MD, Surfactant Industries Pvt. Ltd.*

“My experience in sourcing plywood from woodzon was very easy and I was attracted by the wide variety”

— *Hegde, Owner, Vivek Corporate Systems*

CONTACT

info@woodzon.com

+91 89577 85558

www.woodzon.com

Disclaimer This document is a strictly confidential communication for private circulation only. If you have received the same inadvertently please delete the file and request you to send us a mail at info@brigadereap.com. This document is solely for use of the recipient and may not be reproduced or circulated without prior written consent from Brigade innovations LLP.



Brigade Gateway Campus

26/1, Dr. Rajkumar Road, Malleswaram -
Rajajinagar, Bangalore 560 055, India

P +91 98451 79424

E info@brigadereap.com