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CONNECTING
THE WORLD



NIAGARA FORUM APAC | 9-10 SEPTEMBER 2025

Total Building Optimisation from Edge to Cloud

using Wireless Solutions, Analytics and AI

Presenters:

Chirayu Shah, Vice President of Operations, Conserve It
Pravesh Badjoonauth, Head of Solutions – Conserve It



Total Building Optimisation from Edge to Cloud

Agenda

01

Who is Conserve It?

02

Review of the Current Landscape in Buildings

03

The Proposition: Total Building Optimisation

04

The Value Delivered

05

Why Conserve It? Our unique expertise and how we partner with you to deliver a "bulletproof" solution.

Who is Conserve It?

- Conserve It is a member of the Daikin Group.
- Founded in Melbourne, Australia, thousands of solutions deployed globally through a network of System Integrators and OEMs
- Complete Suite of Smart Building Solutions from edge to cloud under one roof
- Multiple Award-winning innovation based solutions like PlantPRO® and FacilityTracker™
- Solutions for various verticals for the built environment markets
- Platinum OEM, Platinum Distributor, Premium Developer and Portability partner with Tridium since 2006
- Founding Member of Project Haystack

www.conseveitiot.com



 **Project Haystack**
Founding Member



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Chirayu Shah is the Vice President of Operations at Conserve It. He brings over 20 years of experience in the energy management and smart building solutions industry. His role encompasses overseeing daily operations, sales, business development, and product distribution, while ensuring the organisation achieves its key performance indicators across all business areas. With a focus on sustainable and energy-efficient solutions, he helps deliver advanced technologies that optimise building performance and align with net-zero carbon goals.

Chirayu Shah

Vice President of Operations



Pravesh Badjoonauth is a seasoned leader at Conserve It, with over a decade of hands-on experience driving technical innovation and operational excellence. As Head of Solutions, he orchestrates a wide range of critical functions, including engineering, technical support, sales, orders and administration, ensuring seamless alignment across departments to drive business growth. Pravesh's career is a testament to his rapid ascent from a technical expert to a comprehensive leader. Using his extensive expertise, Pravesh consistently empowers his teams to deliver innovative, cutting-edge solutions that proactively meet and exceed client expectations.

Pravesh Badjoonauth

Head of Solutions

Current Landscape

Occupancy Management



Building Management Systems



Security & Access Control



Lighting Control



Building Management System



Building Energy Management Systems



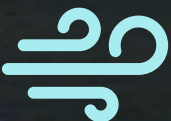
Fire & Safety



Digital Video Surveillance



HVAC Environment Systems

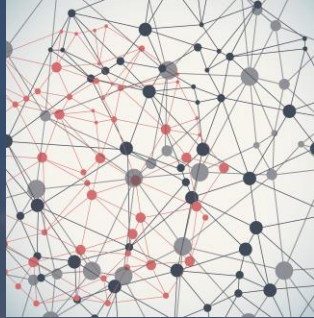


Indoor Air Quality (IAQ) Monitoring

Taking it to the next level

What are the Pillars of Smarter Building Performance

System
Integration &
Interoperability



Data Intelligence &
Automation



Sustainability &
Energy
Optimisation



Total Building Optimisation from Edge to Cloud: The Conserve It Proposition



Centralised dashboarding
and long-term data storage



Analytics, FDD &
workflow management

The
Cloud
Level

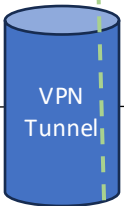
Lumen Radio
Gateway

Wireless



CI-J-9000

Ethernet



SparkplugB
(Enhanced MQTT)



Ethernet

Milesight
LoraWAN Gateway



The Edge
Controller
Level

powered by
niagara
framework®

PlantPRO®
performance reliability optimisation
AI/ML Chiller Plant
Control & Optimisation
With Conserve It
SparkplugB driver

CI-EdgeX2



DMC400

Daikin BUS



Daikin DMT IO

LoraWAN
(Wireless)

The Edge
IO Level

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Wireless

Modbus
RTU/BACnet
MS/TP



CIx50IO

CIx8IO/8UI



0-10V, 4-20mA

Modbus
RTU/BACnet
MS/TP



VSDs



Pumps



Vykon DDC Controller & IO



Air Side Equipment : AHUs, FCUs, etc.



Milesight
LoraWAN
sensor



The
Device
Level

Total Building Optimisation from Edge to Cloud: Value Delivered

- Enhanced Operational Efficiency
- Significant Cost Savings
- Improved Sustainability
- Increased Reliability and Asset Longevity
- Better Occupant Experience



**System
Integration &
Interoperability**



**Data Intelligence &
Automation**



**Sustainability &
Energy
Optimisation**

Why Conserve It?



Complete Suite of Smart Building Technologies Under One Roof



Trusted by 100+ global system integration partners and multiple OEMs



Localised technical sales and support across multiple time zones



Proven outcomes across the world.



Competitive pricing driven by Conserve It's high-volume global transactions



Exploring Business Synergies



Let's have a chat!

Chirayu Shah, Vice President of Operations, Conserve It
Pravesh Badjoonauth, Head of Solutions – Conserve It

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TRIDIUM
2025 PLATINUM DISTRIBUTOR

TRIDIUM
2025 PLATINUM OEM

THANK YOU
Questions?

