



CONNECTING
THE WORLD



NIAGARA FORUM APAC | 9-10 SEPTEMBER 2025



Aishwarya Chinnappa

Driving enterprise adoption of Niagara-based IBMS, IoT and Smart Building Solutions for marquee accounts—Adani Airports, AstraZeneca, Google India. At Four Corners Technologies, spearhead technical sales end-to-end: aligning Niagara frameworks with client strategy, engineering winning bids and closing high-value infrastructure deals. With cross-domain roots in Edutech, AgriTech and FinTech, brings a consultative, data-driven edge to scale smart ecosystems across mission-critical infrastructure.

A wireframe illustration of a modern multi-story building with a grid-like structure, set against a dark blue background with glowing blue lines and dots, suggesting a digital or architectural theme.

Introduction To Four Corners Technologies Pvt Ltd

Niagara Tridium Partnership

01

Introduction To Four
Corners Technologies Pvt.
Ltd. (4CT)

02

Our Partnership With
Niagara Tridium Platform

03

Setting the stage: global
trends, 4CT's impact, and
future opportunities.



4CT

**At 4CT, we don't just build solutions—
we engineer ecosystems.**

We operate at the nexus of innovation, infrastructure, and intelligence, transforming spaces into smart, sustainable, and future-ready environments. From intelligent buildings to enterprise IoT platforms and digital twin ecosystems, we deliver end-to-end integration that empowers clients to lead in efficiency, resilience, and growth.

Verticals

AV/IT Infrastructure

IoT and IBMS

In-house innovations

Smart Digi Build

Smart Digi Twin

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Transforming buildings into agile, scalable and green
digital infrastructure that evolves with needs



Our Partnership with the Niagara Tridium Platform

As an authorized systems integrator for the Niagara Tridium platform, Four Corners Technologies leverages this powerful, open framework for the development and deployment of smart building solutions in India and beyond. By tapping into Niagara's robust ecosystem, we deliver scalable, interoperable, and secure automation that empowers our clients to achieve greater efficiency, sustainability, and operational control.

niagara
TRIDIUM

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OPTIMIZING SMART DIGITAL TWIN

niagara
TRIDIUM

- Real-time Visualization and Interaction
- Dynamic Data and Analytics
- Alarm Monitoring and Management
- Optimized Performance and Efficiency



How 4CT is transforming building life cycle management through Niagara, one building at a time



Implement end-to-end integration within the building lifecycle



Leverage real-time insights to drive efficiency and sustainability



Automate processes for enhanced operational performance



Optimize maintenance and assets through data-driven strategies

Advanced Solutions Suite



FAULT DETECTION

Real-time anomaly detection across all building systems

Predictive failure modeling with auto-scheduling scheduling

Diagnostic workflows reducing downtime by up 40 %



HEALTH MONITORING

Multi-parameter health scoring across HVAC; lighting, and security

Continuous benchmarking against ASHRAE/industry standards

Automated energy optimization recommendations

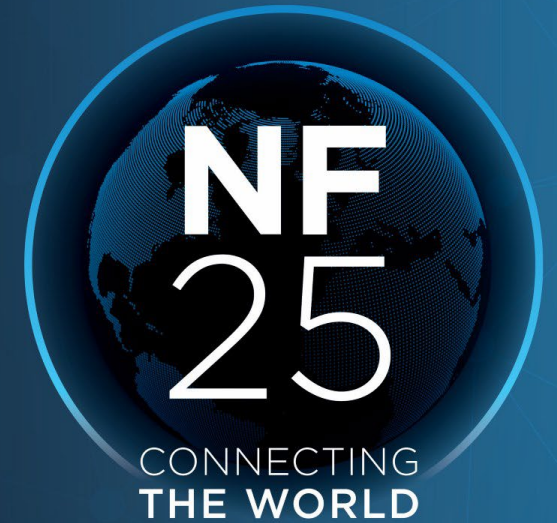


SMART CONTROL

Conditional Logic automation for peak building performance

Adaptive control driven by occupancy and environmental data

Native integration with ESG/CSR frameworks and sustainability targets



PERFORMANCE IMPACT ACROSS CLIENTS



Adani Airports

- Smart Washroom AI pilot
- 20% boost in passenger satisfaction scores
- Energy dashboards
- 12% operational cost reduction



AstraZeneca Bangalore

- Centralized Smart DigiTwin integration
- 18% faster facility issue resolution through predictive monitoring



Google India

- Occupancy analytics
- 25% increase in workspace utilization efficiency
- IOT-driven HVAC optimization - measurable sustainability gains





355311 Kg
From the Beginning of this Month to Today

RMU Incomer - 1

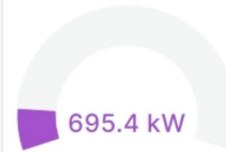
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RMU Incomer - 2

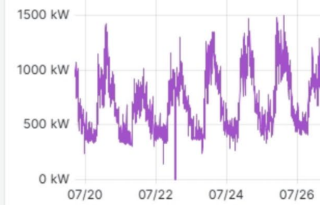
OFF

RMU Instantaneous Energy Monitoring

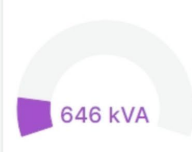
RMU Incomer Instant Pow ⓘ



RMU Incomer Instant Power Plot ⓘ



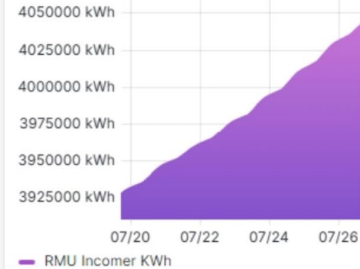
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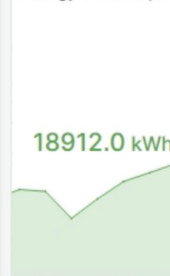
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1294 kW
2024-07-26 15:00:00

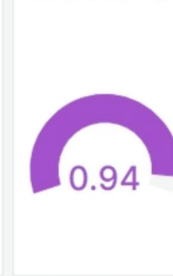
Transmission ⓘ



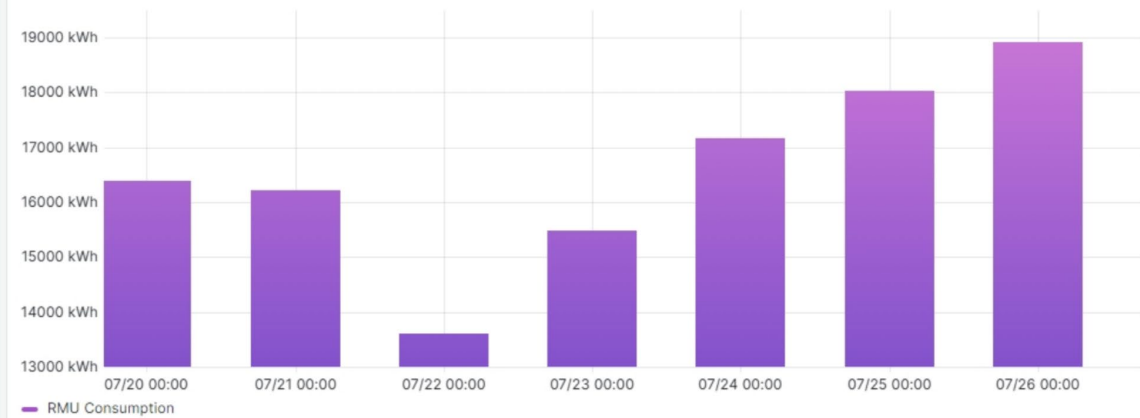
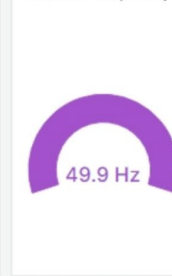
Energy Consumpt ⓘ



Current Power Fac ⓘ



Current Frequency ⓘ



System Analysis

Comprehensive building performance optimization through Niagara-powered analytics and AI-driven insights

Key Insights

- ▶ Energy efficiency improved by 30% through predictive optimization
- ▶ Maintenance costs reduced by 40% with proactive fault detection
- ▶ Occupant satisfaction increased by 25% via intelligent controls
- ▶ ESG compliance achieved with 50% carbon footprint reduction

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4CT, in partnership with Niagara Tridium, is redefining building intelligence—driving carbon reduction, energy efficiency, and ESG alignment at scale. Together, we are not just optimizing systems; we are engineering a sustainable future where performance and planet thrive side by side.



THANK YOU

