



# Mindtree

Welcome to possible

## Gladius Connected Buildings

Transform operational data into energy efficiency and occupant comfort

Energy efficiency and sustainability are talking points for companies and people alike. However the building management is unable to do justice towards these goals due to legacy, disparate and proprietary building systems. Such systems have limited accessibility, require manual operation and are limited to schedule based automation. Efforts to optimize the building operations in such a setup are often disruptive and capital intensive.

### Challenges with current building setup

#### Isolated Buildings and Systems



Local operations because of proprietary systems



High Energy Consumption

#### Inefficient Manual Operations



Manual intervention for data capture, equipment controls and tracking of occupant comfort



High Operational Costs

#### Inefficient Schedule Based Automation



Automation is based on data from isolated systems leading to static schedule based automation



Lower Occupant Comfort

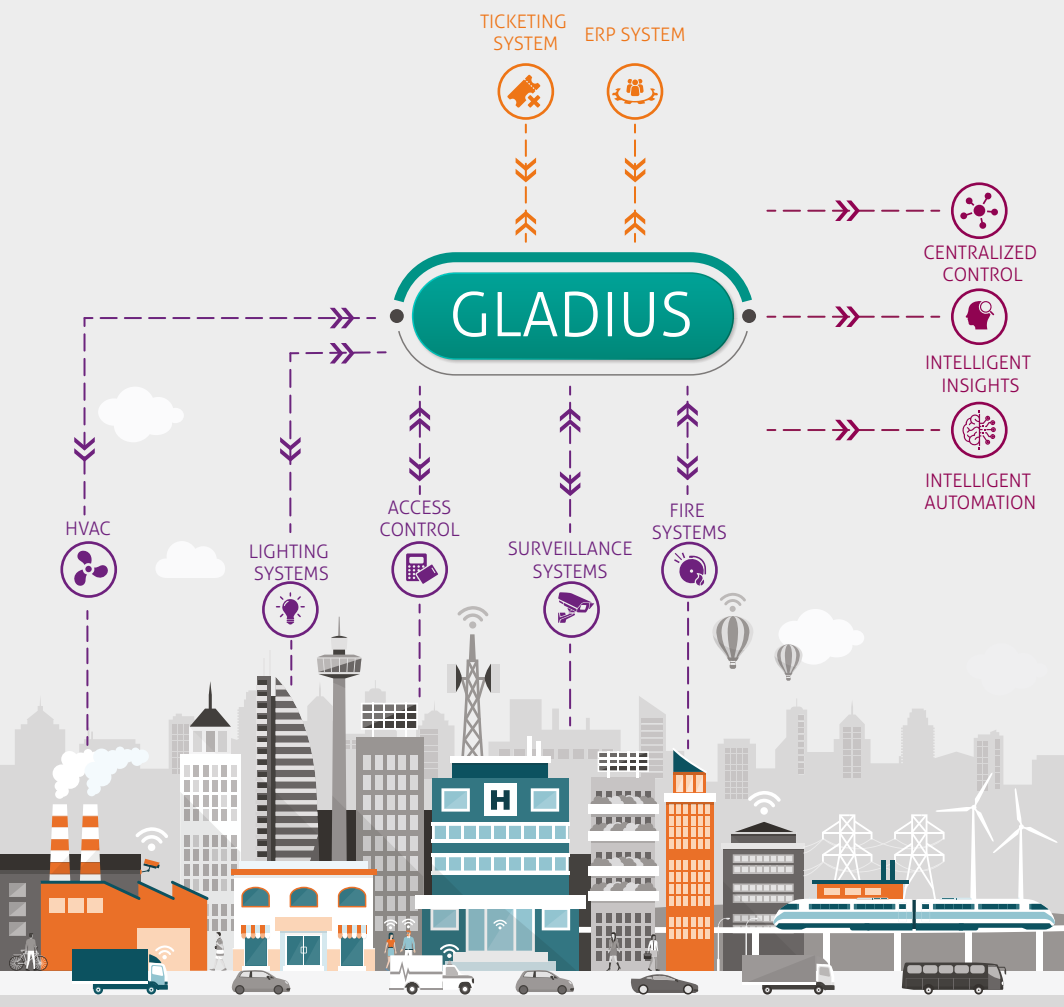
#### Limited Accessibility of Systems



Real time data and insights restricted to control rooms. Senior management is dependent on offline reports



Lack of Real Time Actionable Insights



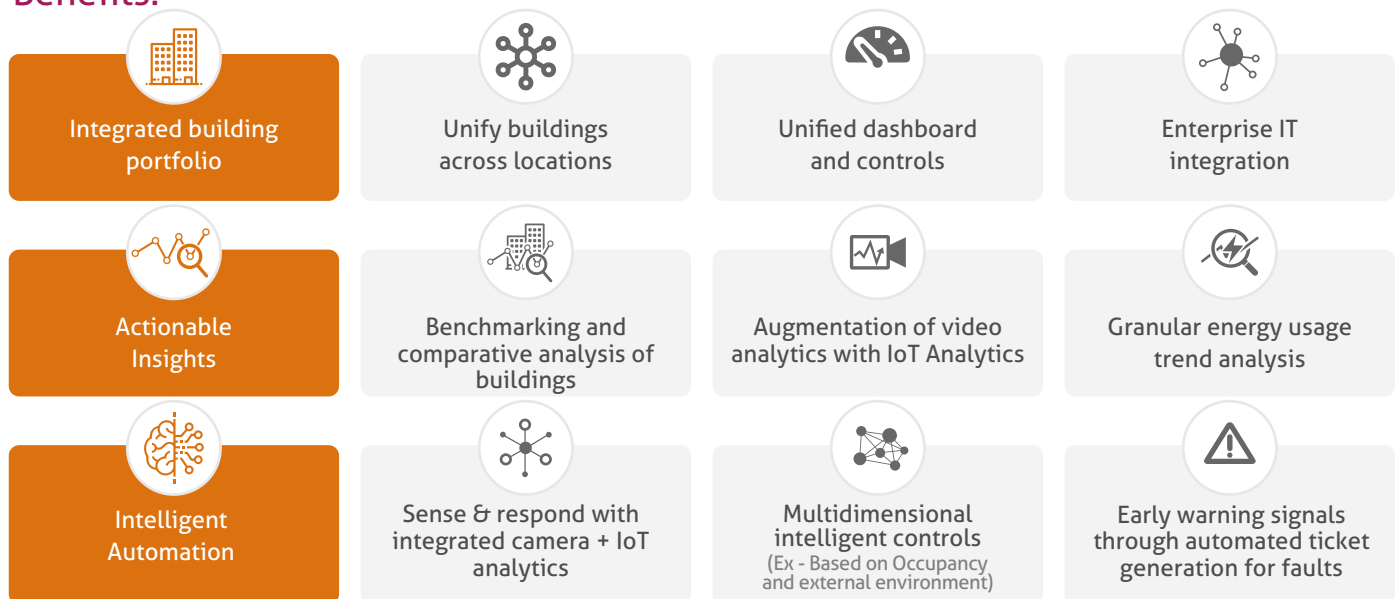
## Solution - Gladius Connected Buildings Platform

Gladius Connected Buildings is a powerful IoT based open platform that brings visibility, actionable insights and intelligent automation to the entire building portfolio without the need for high capital expenditure. It is a scalable platform that grows as you add buildings and systems while retaining flexibility in choice of vendor. The platform seamlessly integrates all your streams of data from

- Operational Technology (OT) systems such as HVAC, cameras and fire security systems
- Enterprise IT systems such as ERP & ticket management system.

Gladius Connected Buildings enhances energy efficiency and sustainability by enabling transition from individual component-level optimization to holistic optimization. It delivers automated, continuous optimization based on real-time conditions and enables the workforce to focus on buildings and systems that needs most attention.

### Benefits:



### ABOUT

Mindtree [NSE: MINDTREE] delivers digital transformation and technology services from ideation to execution, enabling Global 2000 clients to outperform the competition. "Born digital," Mindtree takes an agile, collaborative approach to creating customized solutions across the digital value chain. At the same time, our deep expertise in infrastructure and applications management helps optimize your IT into a strategic asset. Whether you need to differentiate your company, reinvent business functions or accelerate revenue growth, we can get you there. Visit [www.mindtree.com](http://www.mindtree.com) to learn more.

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