

GlobalLogic

A Hitachi Group Company

Enabling greener & smarter **buildings-as-a-service** with **intelligent IoT solution**

Our client enables efficient building management by integrating various facilities and data within a building, providing users with a more comfortable building space. They approached us to help them accelerate their efforts using GenAI.

5%

improvement in
“Green Field”

30%

improvement in
“Green-” and “Brown field”



Challenge

An international provider of building products and services needed to accelerate their digital transformation to drive the adoption of green & smart office buildings with IoT technology.

With the end goal of efficient building management operations and safety in large-scale office buildings, they sought to remotely monitor all key operational points.

Value Created

GlobalLogic leveraged VelocityAI to help our client accelerate their digital transformation journey. We developed an IoT smart building platform that collects and uses data from facilities and equipment to improve energy efficiency, facility management, and security.

- **Automated code generation:** The platform generates code, unit test cases, and documentation, and also performs code optimization and review.
- **Test automation:** The smart building platform generates ready to execute automation test scripts for web, mobile, and API.

Impact

- **5% improvement in “Green Field”.** VelocityAI accelerators help set up initial microservices and infrastructure by generating reusable code written in Terraform. The Mobile Enabler generated the Flutter-based reference architecture for base setup.
- **30% improvement in “Green-” and “Brown field”** with GenAI-supported development and testing using a proprietary tool/accelerator developed by GlobalLogic.