voltix
SERVICES LTD
Supply - Install - Maintain

LIVE BUILDING MONITORING FOR FACILITIES MAINTENANCE

WHAT IS IOT FOR FACILITIES MAINTENANCE?

The Internet of Things (IoT) for facilities maintenance refers to the integration of connected devices and systems within a facility to streamline and optimise maintenance tasks. This approach leverages advanced sensors, software, and connectivity to monitor, manage, and maintain various aspects of a building or facility.

IOT FOR FACILITIES MAINTENANCE AND HOW IT WORKS

SENSORS AND DEVICES

Sensor installation throughout facilities to monitor:

- TEMPERATURE
- HUMIDITY
- ENERGY USAGE
- EQUIPMENT STATUS
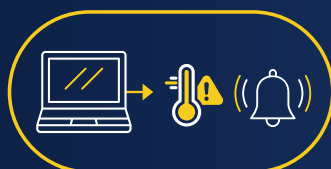- OCCUPANCY LEVELS

CONNECTIVITY

Devices are connected to the internet or a local network, allowing for communication with each other and with central management systems
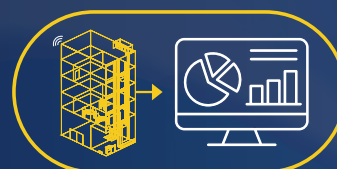
DATA COLLECTION AND ANALYTICS

Data collected is transmitted to cloud-based platforms where it is analysed in real-time to gain insights

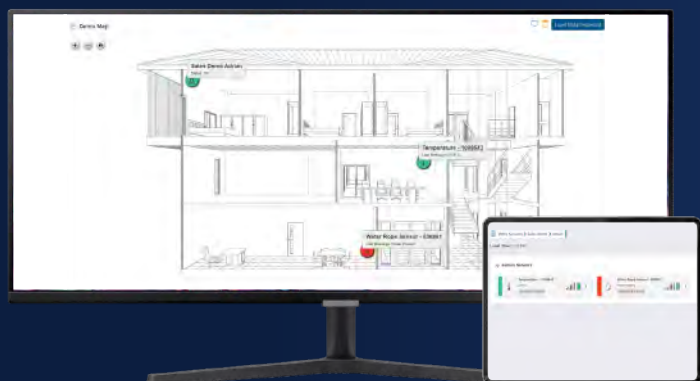### AUTOMATED ALERTS AND ACTIONS

IoT systems will then automatically trigger alerts and actions based on predefined conditions to the Voltix team

CENTRALISED MANAGEMENT

Centralised dashboards are used to monitor the status of all connected devices, receive alerts, and manage maintenance activities from a single interface

WE KNOW BEFORE YOU KNOW

System faults and failures, water leaks, and issues don't stick to 9-5. Strategically placed IoT sensors allow for live building and equipment monitoring. We get alerts whenever there are unusual readings, which means we can intervene ASAP to minimise damage and cost - and prevent downtime.

BENEFITS OF IOT FOR FACILITIES MAINTENANCE

ENHANCED OPERATIONAL EFFICIENCY
Track equipment performance and building conditions in real-time, allowing for immediate responses to any issues. Predict equipment failures before they occur, reducing downtime and repair costs.

ENERGY MANAGEMENT
Optimise energy consumption and reduce costs with automated systems that adjust lighting, heating, and cooling based on occupancy and usage patterns.

IMPROVED SPACE UTILISATION
Use occupancy sensors to gather data on space usage, helping to reallocate resources and optimize workspace layouts.

ENHANCED COMFORT AND PRODUCTIVITY
Adjust lighting, temperature, and air quality based on individual preferences or room usage. Monitor air quality and other environmental factors to ensure a healthy and comfortable workspace.

ASSET MANAGEMENT
Keep track of valuable assets and equipment with IoT-enabled tracking devices. Automate inventory tracking and management to ensure optimal stock levels and reduce losses.

DATA-DRIVEN DECISION MAKING
Leverage data analytics to gain insights into facility operations, helping to make informed decisions.

SUSTAINABILITY
Monitor and manage environmental impact, reducing the carbon footprint of your facility. Ensure compliance with sustainability regulations and standards.

REMOTE MANAGEMENT
Manage and monitor facility operations from anywhere with mobile and remote access.

> We would consider Voltix Services our partner in providing our client with well thought out, practical IOT solutions that add a lot of value.

Managing Director
Care Facilities Management

Work With Voltix, The Problem-Solvers.

24/7
ALL DAY, EVERY DAY CALL OUT

FOUR-HOUR RESPONSE TIME

IOT SOLUTIONS

EXTENSIVE SERVICE COVERAGE

DIRECTLY EMPLOYED ENGINEERS

SAVE ON COSTS, IMPROVE EFFICIENCIES

ESG