Next generation Facilities Management

Helpdesk, CMMS, Supplier Management, IoT & Mobile Companion App

Phone: +353 1 685 6810
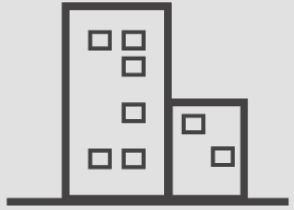**Website:** www.azollasoftware.com

Azolla

Our Vison

" *To deliver a user-centric FM ecosystem, providing the highest level of functionality with our custom designed IoT technologies, all aimed at creating the most comfortable working environments for our customers.*"
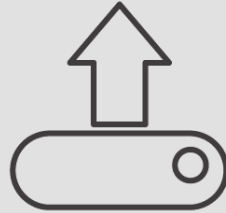
Key features of **Azolla?**

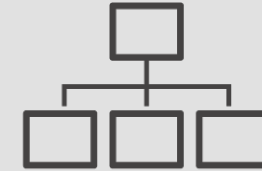|						
Multi Site Support	Asset NFC Tagging	Asset/Location Batch Upload	User Role Management	Out of the box IoT Integration	IoT Auto Helpdesk	Smart Scheduling
Smart System Notifications	Custom Reporting	Product Support	Field Level Security	Workorder Checklists	Maintenance Scheduling	Mobile Application

Azolla

Our system manages thousands of assets for some of the world's biggest brands.

Azolla has been created by facility management experts with over twenty years of industry experience. In development for almost ten years, our platform has been tested and iterated upon in the field. We value our clients needs and seek out feedback to improve the platform.

We serve a broad base of industry sectors including health care, education, energy, public safety, government, and hospitality.

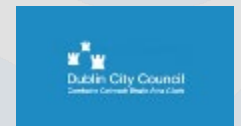"Managing our client's assets with Azolla has really simplified the process for us, not only allowing us to see scheduled work, but also allowing our technicians to view an assets history and with sensors, predict how it may behave in the future."

Fergus MacMahon
Acacia Facilities Management

Azolla **Modules**

Facilities Helpdesk

Easily access all ongoing works within the company, saving time and increasing productivity. As your company grows, Azolla scales to accommodate, providing world-class onboarding for all features.

Issue work orders automatically based on your preferred criteria, saving you time and ensuring adequate resource management.

CMMS (Computised Maintenance Management System)

Azolla allows you to easily access and attach ID tags, photos, etc with corresponding items. Integration with our mobile app and NFC technology provides real-time insights into assets and equipment.

Our preventive maintenance software has all the tools required to maximize the longevity of an organization's assets.
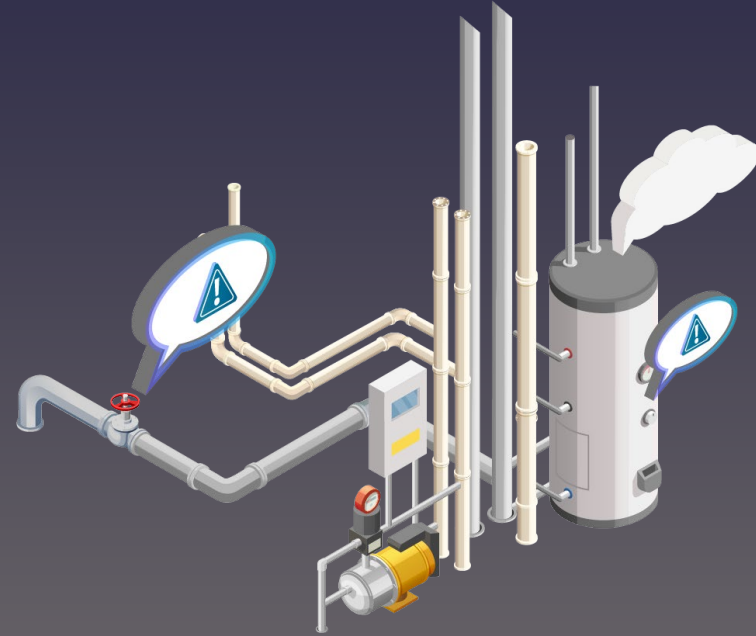
Azolla **Modules**

Supplier Management

With our integrated system you can easily manage your suppliers and service providers. Keep track of location-based work orders and track response KPIs as they happen.

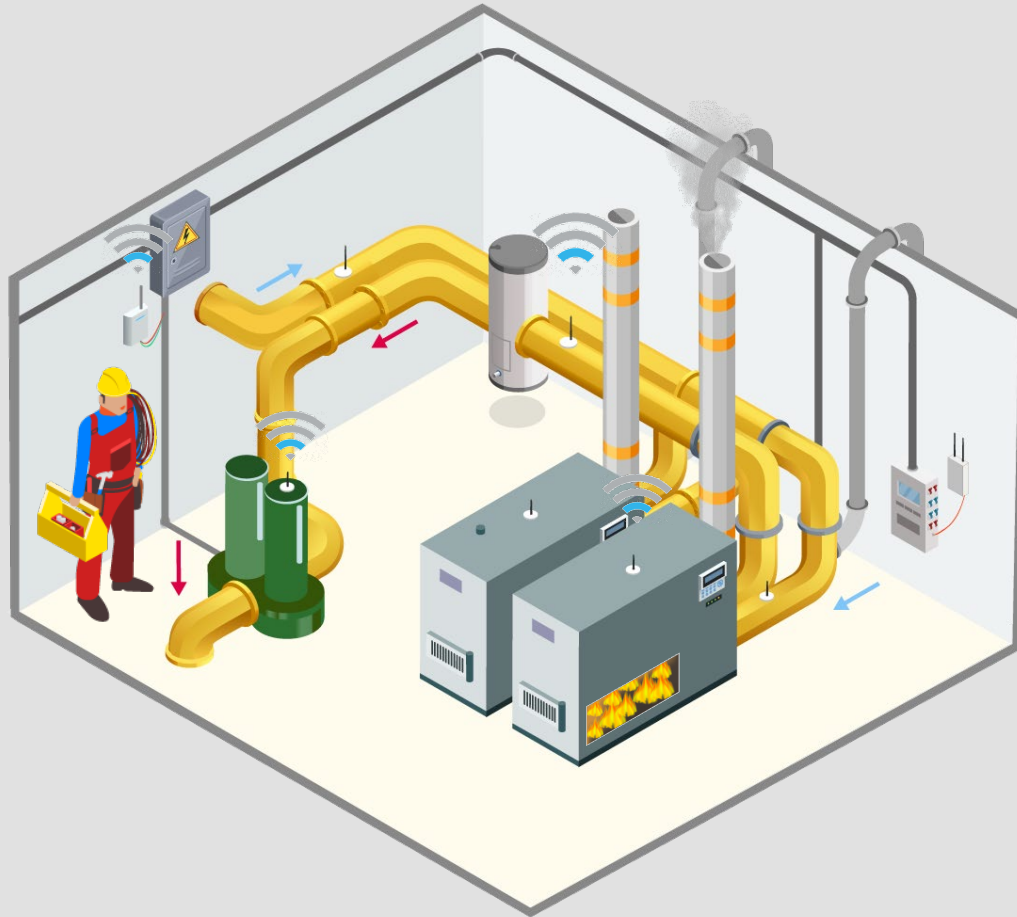Through our mobile application you can provide up to date real-time information about assets and locations.

IoT Integration

Azolla uses sensors to monitor and react to your workplace. Increase the efficiency of your facilities team with multiple sensor types.

Azolla can also integrate with some of the most popular third-party sensor suppliers and your existing Building Management System using one of our APIs.

Temp Sensor : **Temp below set threshold** (IF THIS)
Boiler Sensor : **Within acceptable limits** (AND)
Power Sensor : **Within acceptable limits** (AND)
Pump Sensor : **Movement not within limits** (AND)

CASE STUDY
IoT in Action

Problem:

One of our large customer was having problems with the heating at their office building. The problem being numerous issues with different aspects of their heating/cooling system. They weren't aware of issues until staff reported discomfort.

Solution:

We added a multi sensor setup to the boiler room monitoring equipment, gas and power supplies. Using our complex rule system we provide instant action even out of hours, and with auto allocation we continue to save our client money that had previously been wasted on callouts to the incorrect technician types.

IoT Sensor Suite – **Occupancy Detection System**

Occupancy Detection System

This social distancing solution monitors the people count and occupancy status of designated areas such as bathrooms, showers and meeting rooms, displaying access status.

People Counting Sensor

Multi-directional people counting device for occupancy level and retail analytics. Simply, quickly and accurately count the number of people that visit your building, facility or event, using the sensor. More than 95% accurate.

Wall-mounted display unit

Notifications, warnings and room-based information to be displayed as required.

Bronze (From €160 per month)

People Counting Sensor

Our entry-level occupancy sensor will allow you to monitor the number of people moving through specified areas. Useful for On-Demand cleaning.

Silver (From €260 per month)

Max Occupancy Sensors

More than 95% accurate. This system also includes one wall mounted display unit which delivers notifications, warnings and room-based information as required.

Gold (From €310 per month)

Full Azolla License

Gain access to our full suite of modules available within Azolla. This includes Auto-Allocation, Asset Management, Helpdesk, Supplier Management and Health & Safety Modules.

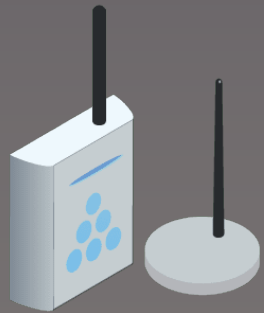# IoT Sensor Suite – **Comms Room Monitoring**

Temperature Sensor
It is of critical importance that you maintain a suitable temperature in your server room to avoid your equipment overheating.

Leak Detection Sensor
The risk of costly water damage can be significantly reduced as any water present will be immediately detected and an alarm raised.

Humidity Sensor
Environmental factors like humidity and can have a negative effect on the equipment in your comms room. With this in mind, it is vitally important that you are aware of the conditions within your comms room and that you are maintaining an optimal environment for your servers and networking equipment

Bronze (From €170 per month)
Temperature Sensor
Our entry-level COMMS Room monitoring system consists of a single sensor linked to a cloud based monitoring system.

Silver (From €280 per month)
Multi Sensor Setup
Monitoring Temperature, Leak Detection and Humidity, our system uses a complex rule system that enables our sensors to cross communicate.

Gold (From €430 per month)
Full Azolla License
Gain access to our full suite of modules available within Azolla. This includes Auto-Allocation, Asset Management, Helpdesk, Supplier Management and Health & Safety Modules.

IoT Sensor Suite – **Plant Room Monitoring**

Our plant room monitoring system consists of a multi-sensor setup that uses cross-sensor communication alongside a complex rule system. This ensures your on-site or contracted technical team receive instant concise notifications about any issues in the plant room.

Temperature Sensor
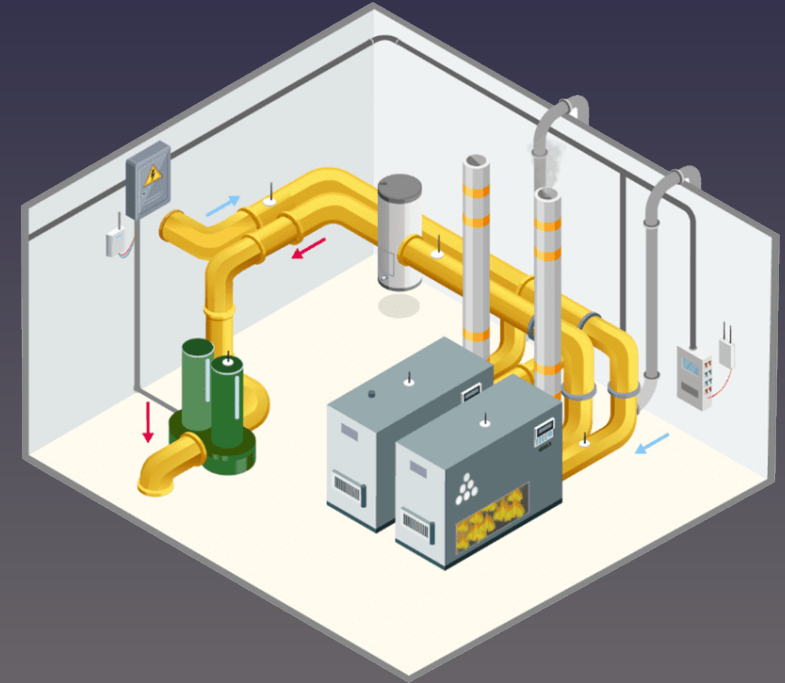Monitoring temperatures of supply water pipes.

Carbon Monoxide Sensor
Detects any leaks of toxic fumes.

Power Sensor
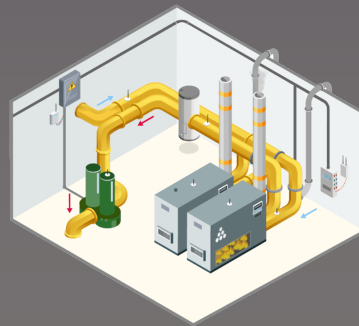Monitoring power to plant room.

Vibration Sensor
Monitoring health the plant room pumps.

Bronze (From €180 per month)
Single Sensor Setup
Our entry-level system will allow you to monitor the temperature of your building's heating or cooling system.

Silver (From €200 per month)
Multi-Sensor Setup
By combining these different data streams with our complex rule system, Azolla can determine the most probable cause of any outages in real time.

Gold (From €350 per month)
Full Azolla License
Gain access to our full suite of modules available within Azolla. This includes Auto-Allocation, Asset Management, Helpdesk, Supplier Management and Health & Safety Modules.

IoT Sensor Suite – **Smart Restrooms**

Bathroom schedules are typically pre-determined and rarely adapted using qualitive data. Cleaners are sometimes attending rooms and areas that have not been used while other areas are left unclean for longer periods of time due to an unexpected spike in usage. With our system, your cleaners can be directed to areas requiring their attention in real-time and avoid areas which do not require cleaning.
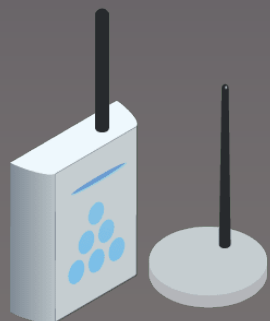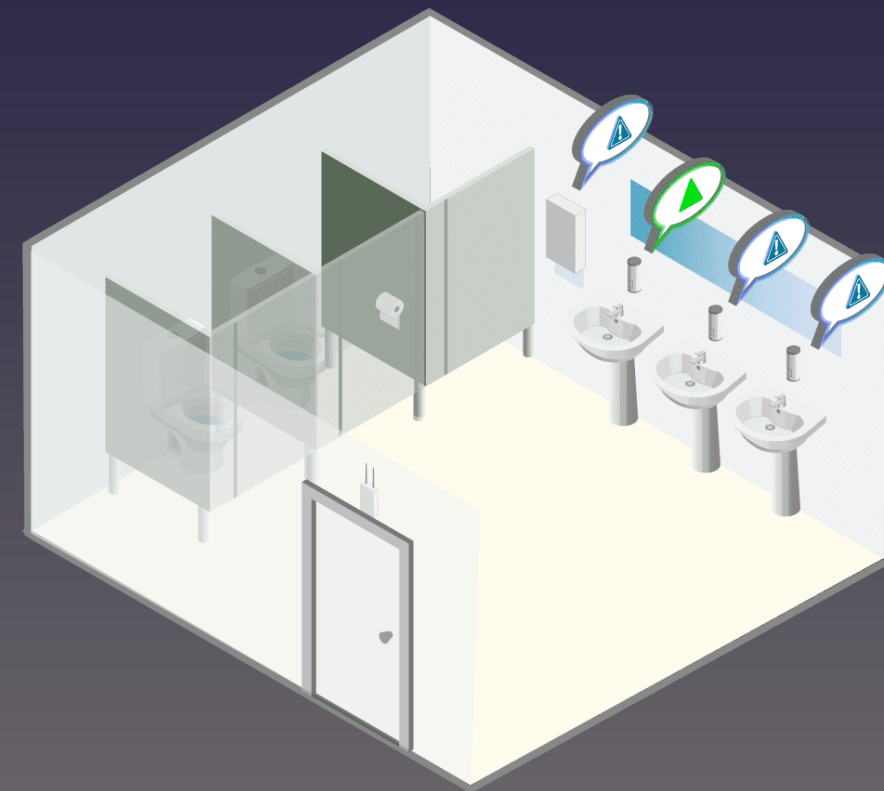
Occupancy Sensor

Our system tracks occupancy levels at 95% accuracy rate. We have combined this data with custom occupancy thresholds to create cleaning on-demand.

Smart Soap Dispenser

Never need to check levels of soap in restrooms again with our Smart Soap Dispensers.

Smart Paper Dispenser

If paper is low, the system will issue a notification and can action a reactive work order to replenish.

Bronze (From €160 per month)

Motion/Contact Sensor

With access to the cloud-based sensor dashboard, you can easily set up email notifications. This is particularly useful for cleaning and developing an understanding of how these spaces are being used..

Silver (From €200 per month)

Tork Integration

Azolla allows for integration with third party systems via custom built APIs, one of which is Tork's smart systems.

Gold (From €260 per month)

Full Azolla License

Gain access to our full suite of modules available within Azolla. This includes Auto-Allocation, Asset Management, Helpdesk, Supplier Management and Health & Safety Modules.

IoT Sensor Suite – On-Demand Cleaning

Cleaning schedules are typically pre-determined and rarely adapted using qualitive data. Cleaners are sometimes attending rooms and areas that have not been used while other areas are left unclean for longer periods of time due to an unexpected spike in usage. With our system, your cleaners can be directed to areas requiring their attention in real-time and avoid areas which do not require cleaning.

Occupancy Sensor

Multi-directional people counting device for occupancy level and retail analytics. Simply, quickly and accurately count the number of people that visit your building, facility or event, using the sensor. More than 95% accurate.

Bronze (From €160 per month)
People Counting Sensor
Our entry-level occupancy sensor will allow you to monitor the number of people moving through specified areas. Useful for On-Demand cleaning.

Silver (From €200 per month)
Multi Sensor Setup
With multiple sensors set up across your building's office space you ensure a quick response to any unforeseen need to clean an area.

Gold (From €260 per month)
Full Azolla License
Gain access to our full suite of modules available within Azolla. This includes Auto-Allocation, Asset Management, Helpdesk, Supplier Management and Health & Safety Modules.

Azolla's Mobile Companion App

Our Mobile App has been built from the ground up as a perfect support platform for facilities technicians. Using **NFC** and **QR** scanning technology, technicians gain instant access to asset information along with any work orders associated, allowing them to easily add new images and documentation.

Third Party Integrations

Azolla has been built to be both hardware and software agnostic. We are constantly adding new third-party integration APIs to our system.

TORK®

TRIDIUM
niagara4

Azure

MONNIT®

Azolla

CASE STUDY
Comms Room Monitoring

Background

During the COVID-19 pandemic, we have seen building occupancy levels fall to an all-time low. With such a reduction in numbers and with increased restrictions, the number of staff allowed on-site at any one time was greatly reduced. Even though most staff were and still are working remotely from home, there is still a reliance on the company's onsite IT infrastructure. The Comms Room now plays an even more pivotal role in keeping work colleagues connected and preserving access to their work-related materials.

Business Challenge

With a reduction in numbers onsite, this means less opportunity for on-site inspections of Comms Rooms, which is seen as a necessary preventative measure to help reduce the likelihood of outages caused by heat or water related damage. We were tasked with developing cost-effective ways of remotely monitoring for Heat and Water damage in real-time.

How we Helped

By first conducting a comprehensive review of our clients Comms Rooms, we were able to identify key areas within the room that should be monitored. Air intake and outtake vents of the servers are monitored for temperature with thresholds set in line with manufacturer guidelines. This not only ensures that the room is not too hot, preventing overheating and the possibility of critical damage, but also that the air is not to cold and that money is not being wasted by overuse of the Air Conditioning system.

- **We** are also monitoring any potential leakage zones for water; these sensors are calibrated for real-time monitoring as water damage of any kind can be catastrophic to server functionality.

- **We** have also made this system extremely cost efficient with twenty-four-hour monitoring in place with corresponding auto allocation to on-site and out of hours on-call facilities services giving peace of mind and clarity of data to our clients during uncertain times.
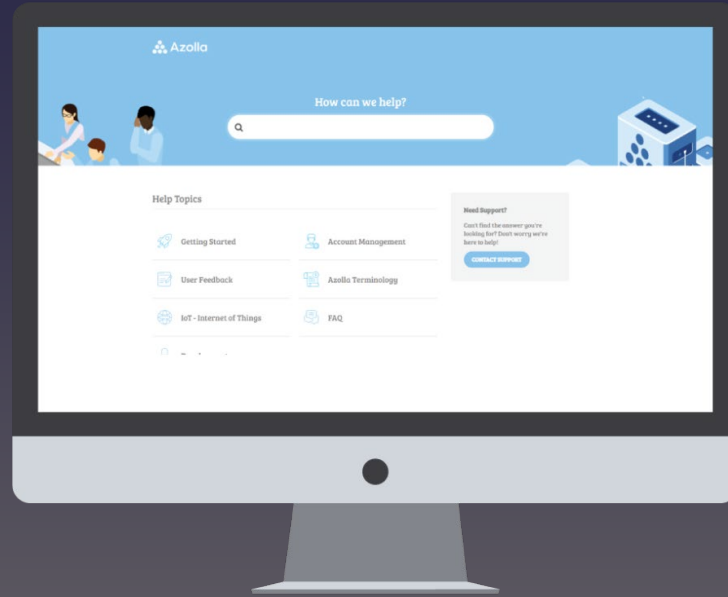
What happens after I sign up?

We understand that adopting a new software tool for managing critical functions can be a daunting experience. With that in mind, we have an industry leading three step on-boarding experience which is enacted over a two-week period.

Within that time, we will assign you an on-boarding buddy who will walk you through the setup and provide ongoing assistance until you feel completely comfortable with the software.

Step 1.

- Account Setup
- Site Setup
- Asset Import
- Supplier Database
- Sensor Setup

Step 2.

- System Integration
- Helpdesk Configuration
- Work Order Creation
- Regulatory Scheduling
- Auto-Allocation Setup

Step 3.

- System Testing
- Create Reports
- Mobile App Training
- On-boarding Review
- Next 60 Days Outlined

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