Smart building platform

INFOGRID

OUR BUILDINGS ARE A DATA BLACK HOLE

INFOGRID

Breakthrough technology

Add data to your arsenal to make better decisions, faster.

Powerful artificial intelligence

- Automate
- Optimize
- Predict
- Recommend

meets

World's smartest IoT sensors

- Easy
- Affordable
- Scaleable

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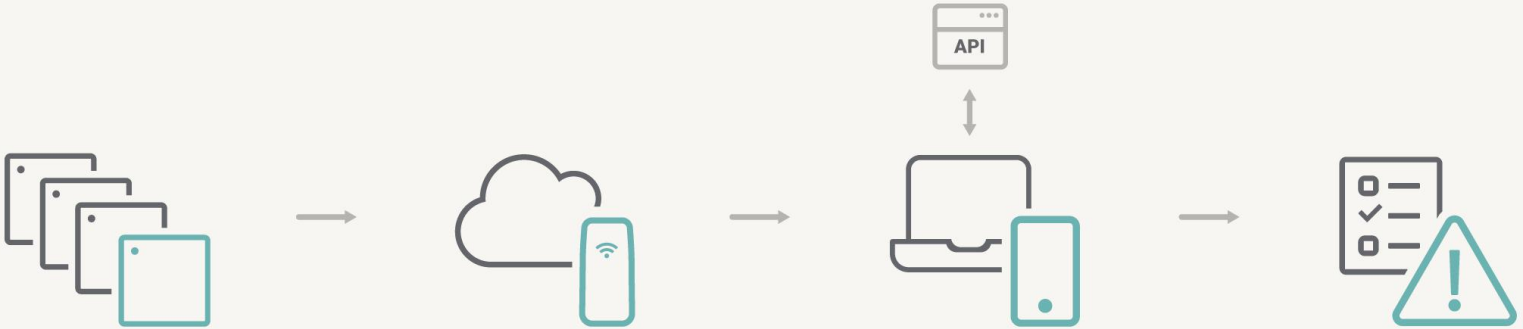
How it works



Discreet sensors

The world's smallest sensors take seconds to install, send data every 5 or 15 minutes and have a battery life of up to 15 years.

Cloud storage

Sensor data is received by cloud connectors over radio frequency and then sent to the cloud via secure cellular networks.

Infogrid platform

Use your mobile or computer's web browser to visualize data and get powerful insights. Or send data to your systems with our API.

Reports & alerting

Notify your team to urgent matters with customizable sms and email alerts. Export and share your data with one-click reporting.

What you can achieve with Infogrid

Increase efficiency

- ✔ Automate manual tasks
- ✔ Focus on important issues
- ✔ Increase team' productivity

Reduce costs

- ✔ Optimize your buildings
- ✔ Reduce energy consumption
- ✔ Monitor your sites remotely

Improve health & wellbeing

- ✔ Increase productivity
- ✔ Reduce sick leave
- ✔ Improve satisfaction

Drive sustainability

- ✔ Optimize your performance
- ✔ Reduce energy consumption
- ✔ Improve your carbon footprint

Optimize maintenance

- ✔ Preventative maintenance
- ✔ Increase equipment lifespan
- ✔ Reduce manual checks

Strengthen compliance

- ✔ Provide safe and clean spaces
- ✔ Automate compliance reporting
- ✔ 24/7 monitoring vs spot checks

< SEE ALL

Increase efficiency

> “Infogrid’s pipe monitoring solution fully automated our legionella reporting, allowing us to reduce the time spent on legionella compliance by 81%.
>
> **Andre Bothma, Head of Engineering Technology, JLL**

Automate manual tasks

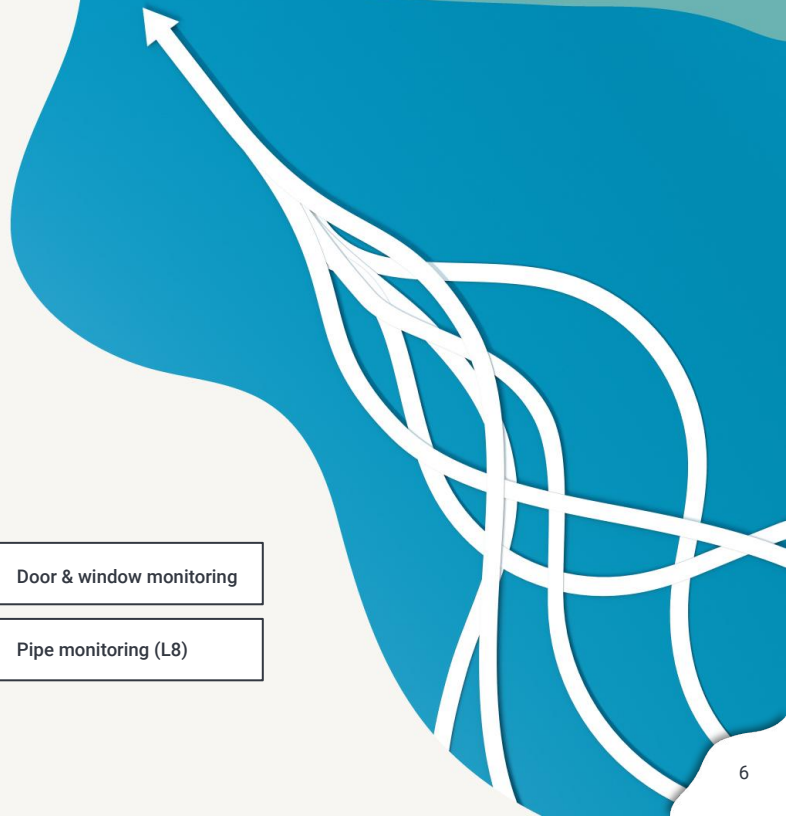
Infogrid removes the burden of manual tasks and site visits.

Real time alerting

Easily configure alerts that automatically flag issues to your team.

Increase team productivity

Save time by monitor your estate remotely and making better decisions, faster.



Air quality	Safe spaces	Smart cleaning	Cleaning validation	Door & window monitoring
Cold storage	Leak detection	Occupancy	Customer feedback	Pipe monitoring (L8)

< SEE ALL

> “ Infogrid has help us to save money through a reduction in energy consumption and the automation of manual tasks.

Reduce costs

Optimize your buildings
Understand spaces usage and optimize by closing-down unused areas.

Reduce energy consumption
Use less energy to reduce costs.

Monitor your sites remotely
Remote monitoring reduces the need for engineer visits and their travel time.

Air quality	Safe spaces	Smart cleaning	Cleaning validation	Door & window monitoring
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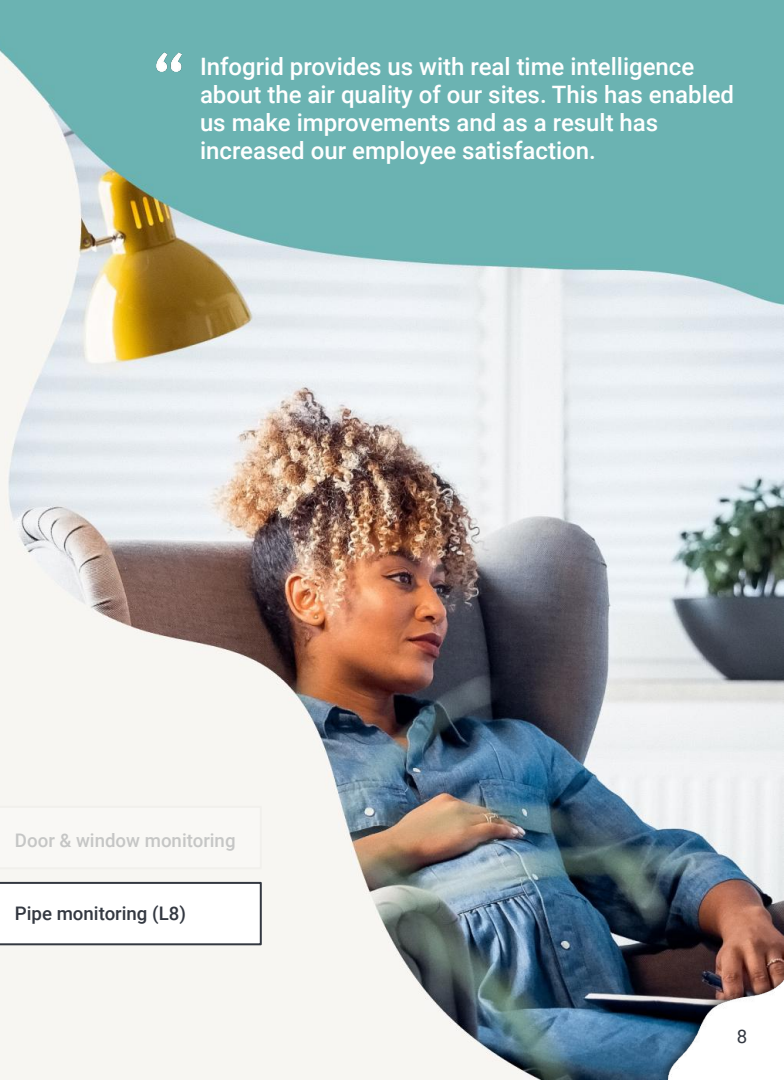
< SEE ALL

Improve health & wellbeing

> “ Infogrid provides us with real time intelligence about the air quality of our sites. This has enabled us make improvements and as a result has increased our employee satisfaction.



Increase productivity

Safe and clean spaces increase productivity and decision-making abilities.

Reduce sick leave

Sick leave can be reduce by 58% through quality of environment and air.

Improve satisfaction

Get accurate, real time understanding of employee and customer satisfaction.

Air quality	Safe spaces	Smart cleaning	Cleaning validation	Door & window monitoring
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< SEE ALL

Drive sustainability

> By integrating with our HVAC system, we are able to maintain optimal air quality at all times without the need for manual adjustments. This has reduced our energy usage.

Optimize your equipment
Ensure equipment is running at optimal performance to reduce waste.

Reduce energy consumption
Use less energy to reduce costs.

Improve your carbon footprint
Become a greener organisation by minimizing your impact on the planet.

Air quality	Safe spaces	Smart cleaning	Cleaning validation	Door & window monitoring
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< SEE ALL

Optimize maintenance

> “ Infogrid identified that 24% of fridges across our estate had leaks and in one store 64% of fridges had leaks!

Preventative maintenance
Know when equipment is behaving unexpectedly and requires maintenance.

Increase equipment lifespan
Early warning signals minimize damage from ongoing issues to prolong life.

Reduce manual checks
Minimize the need for manual checks with 24/7 data and remote monitoring.

Air quality	Safe spaces	Smart cleaning	Cleaning validation	Door & window monitoring
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< SEE ALL

Strengthen compliance

> “Traditional spot-checks do not stand up to 24/7, real time monitoring. This technology will have a huge impact on how we strengthen compliance.
>
> **Nigel Richardson, MD, Collaton Consultancy Limited**

Provide safe and clean spaces

Infogrid provides data and feedback to ensure your sites are clean and safe.

Automate compliance reporting

Easily export reports featuring sensor data for compliance purposes.

24/7 monitoring vs spot checks

Real time, 24/7 readings are far more reliable than infrequent spot checks.

Air quality	Safe spaces	Smart cleaning	Cleaning validation	Door & window monitoring
Cold storage	Leak detection	Occupancy	Customer feedback	Pipe monitoring (L8)

One platform.
Unlimited use cases.

	Increase efficiency	Reduce cost	Health & wellbeing	Drive Sustainability	Optimize maintenance	Strengthen Compliance
Air quality	○	○	●	●	●	○
Safe spaces	●	●	●	–	–	○
Smart cleaning	●	●	●	–	–	–
Occupancy	●	●	●	●	○	○
Cold storage	●	●	○	●	●	●
Door & window monitoring	●	●	–	○	–	–
Customer feedback	●	●	●	–	○	–
Cleaning validation	●	●	–	–	–	–
Pipe monitoring (L8)	●	●	●	●	●	●
Leak detection	●	●	○	●	●	–

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Why Infogrid?

Infogrid is the most comprehensive smart building platform

- ✔ Installs in seconds - adds immediate value
- ✔ Proven to scale - deployed globally in blue chip organizations
- ✔ Device agnostic - we bring you the best sensor technology
- ✔ Unlimited use cases - achieve more within a single platform
- ✔ Goes beyond just data - take action with AI-powered insights

> Infogrid has helped us on our targets in providing effective care, energy efficiency and waste prevention… with a very quick ROI (< 3 months).
>
> **Head of Estates, NHS Oxford Health Trust**

verizon JLL ISS ABM Building Value CBRE FRIDAYS Churchill NHS

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FAQs

Do I need to connect Infogrid via our IT network?

Infogrid can work independently from your IT system. Our sensors use radio frequency and cellular networks to transmit data to the cloud. However, an ethernet option is available.

How do I access the Infogrid platform?

The Infogrid platform can be accessed using a secure web browser on your computer or mobile phone.

Can I integrate Infogrid with another system or platform?

Absolutely. A number of our clients use our free API to share data with other systems.

How secure is Infogrid?

- Data is end-to-end encrypted and stored through AWS which provides an additional layer of security.
- Each sensor has a unique privacy key.

What level of access control do I have?

Infogrid allows you to set permissions for members of your organisation at a granular level. This means you have complete control over what data or alerts your team can see.

What is Infogrid's pricing structure?

Infogrid operates on a yearly subscription model with the additional cost of hardware added onto the first year of subscription. For example in Year 1 you pay for both the hardware and that year's subscription. Subsequently, you pay a fixed subscription fee per year. There are no additional costs for accessing any additional features that we develop as part of the Infogrid platform..

What installation support does Infogrid provide?

Infogrid was designed to be so simple to install that in-person support is generally not required. However, virtual support will be provided before, during and after installation, to make the process as frictionless as possible and ensure you have everything you need to access and understand the data at your disposal.

In most cases, installation works like this :

- Place 'peel and stick' sensors in their desired location.
- Plug cloud connectors into mains power supply.
- Tap a sensor once to identify it in the system; name your sensors and create your own filing system.
- Set optional alerting parameters and create bespoke dashboards to visualize the data in the way that you'd like.

How can I make the most of the data that I can see in the App?

During your onboarding we will work closely with you to help you get the most value from your data and the Infogrid platform.

Get started with a pilot

1. Select use cases and sites
2. Agree success criteria
3. Sensors ship within two weeks
4. Install sensors with ease
5. Onboarding session
6. Review and expand use cases

Request a pilot

< SEE ALL

- Increase efficiency
- Reduce costs
- Improve health & wellbeing
- Drive sustainability
- Optimize maintenance
- Strengthen compliance

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< SEE ALL

USE CASE

Air quality

> By integrating with our HVAC system, we are able to maintain optimal air quality at all times without the need for manual adjustments. This has reduced our energy usage.

Achieve wellbeing certification, provide safer, healthier and more productive conditions for occupants.

Improved occupant health and productivity

Reduce sick leave - 58%. Improve decision making abilities - 101%.

Reduced cost: Energy saving

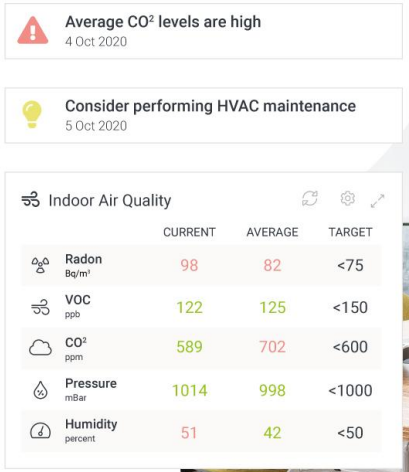
Up to 5% energy savings for every degree Celsius lowered.

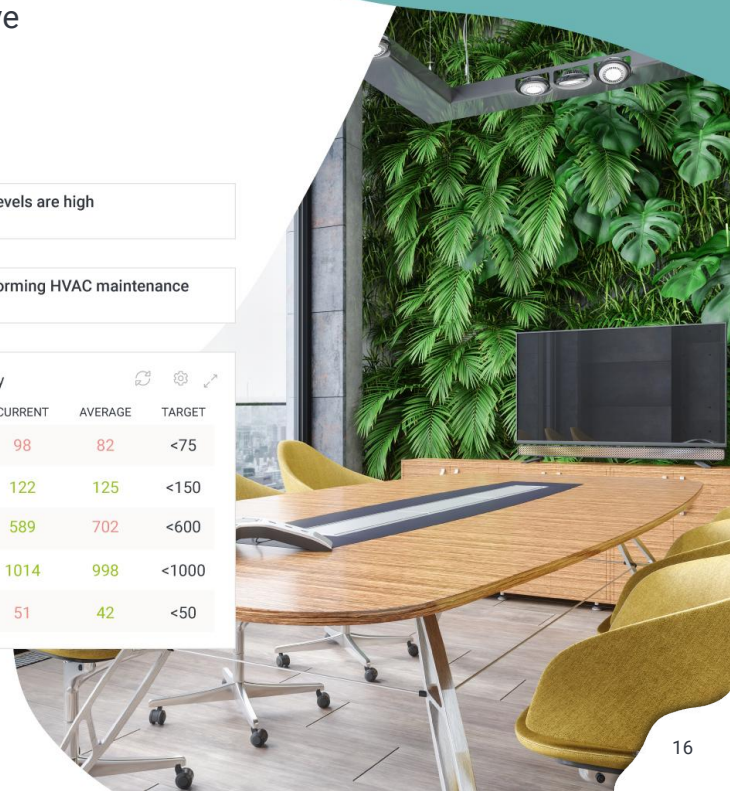
Drive sustainability

Optimize heat and ventilation to reduce CO^2 emissions.

Reduced cost: Preventative maintenance

Predict when heating and ventilation is in need of repair.





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USE CASE

Safe spaces

> “The system was easy to deploy and instantly received great feedback from users – it showed that we care about their safety.

Help people to remain safe whilst observing social distancing by monitoring room capacity and ensuring high standards of cleaning.

Reduced risk of infection spreading

Protect employees by ensuring safe distances are maintained.

Improved employee/customer satisfaction

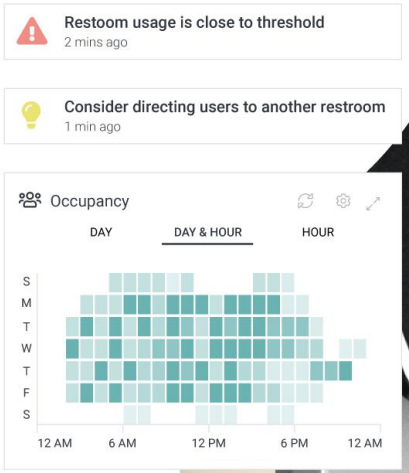
People feel safer knowing active measures are in place.

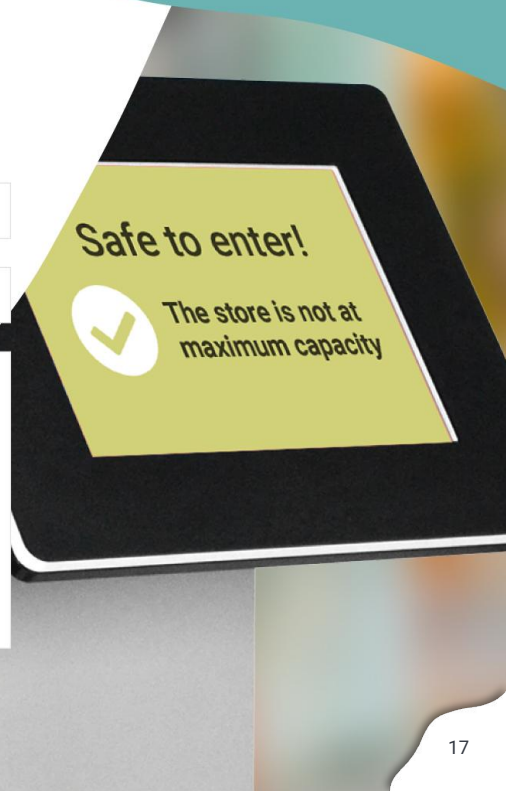
Optimized cleaning rotas based on usage

Focus cleaning efforts when they are needed most.

Reduced operating costs

Avoid permanently staffing public spaces for crowd control.





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USE CASE

Smart cleaning

> “Infogrid gave us the same insights as the specialist solutions, but was very easy to install, and paid back in less than 3 months.

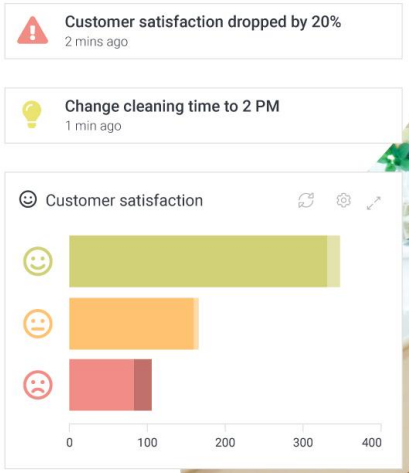
Improve customer satisfaction and cleaning team efficiency by targeting effort to when and where it is needed most.

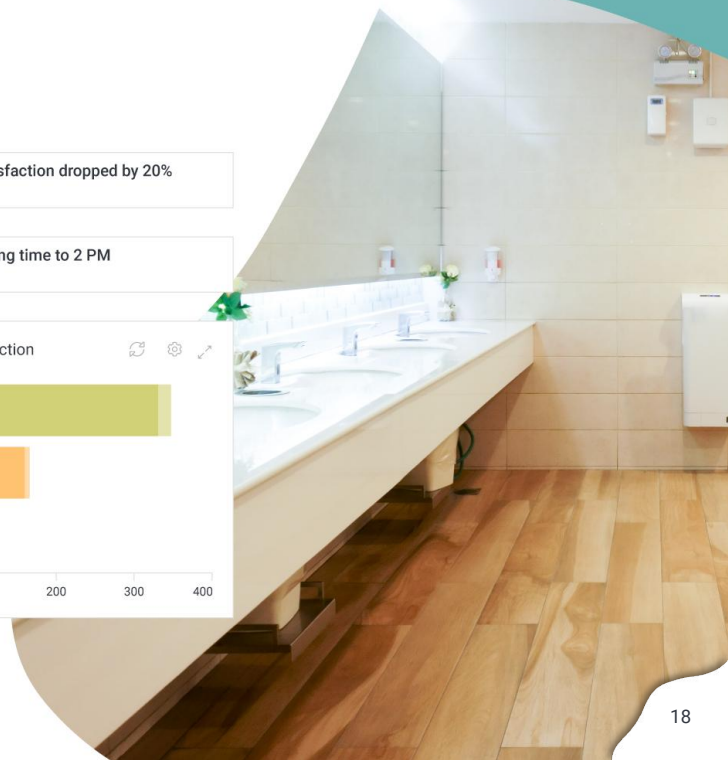
Improved customer/employee satisfaction
Real time data helps you achieve happy and healthy spaces.

Optimized cleaning rotas
Ensure cleaning occurs when needed and during busy periods.

Increased cleaning team efficiency
~£15k cleaning costs saved p.a. for every 10 bathrooms.

Monitor equipment usage
Confirm that cleaning equipment is being used.





USE CASE

Occupancy

> “Infogrid was so much more affordable and easier to deploy than others we were considering to get our office building back open again.

Optimize the use of rooms and observe social distancing measures by tracking the movement of people through spaces.

COVID-19 social distancing measures

Protect employees by ensuring safe distances are maintained.

Reduced cost: Energy saving

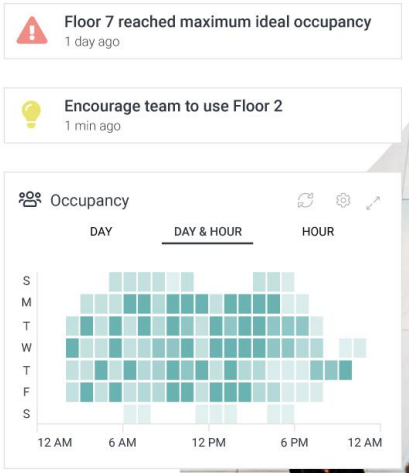
Optimize building and desk usage by powering-down unused areas..

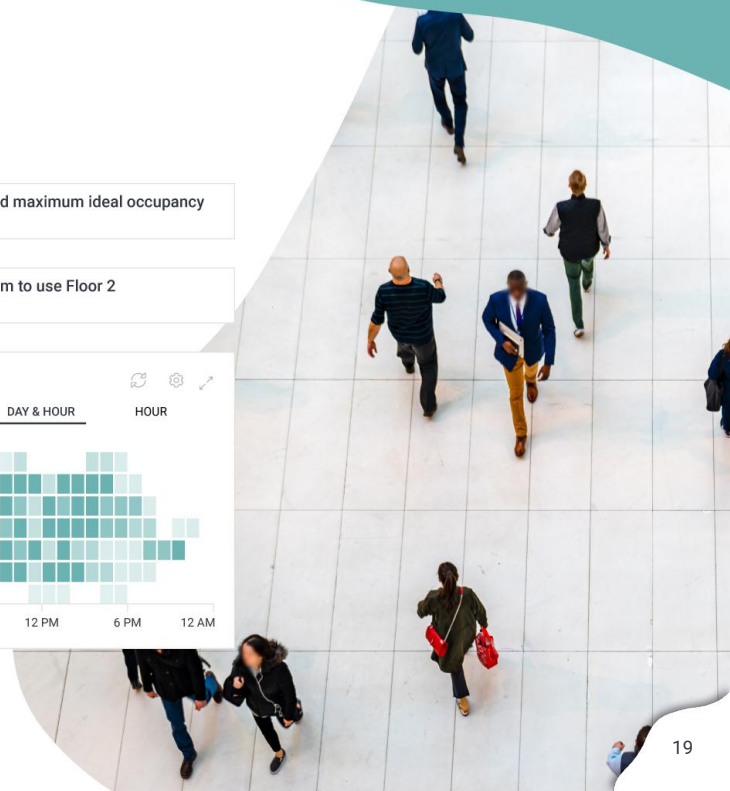
Business insights

Understand how your spaces are used and footfall trends.

Optimized team rotas

Ensure cleaning and support is provided where needed.





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USE CASE

Cold storage

> “One of our fridges stopped working overnight. Our “on call” immediately transferred the contents to another fridge. Previously, we would have had to bin it all.

Identify when refrigerated products are outside of their desired temperature range, improve energy efficiency, and suggest preventative maintenance.

Increased efficiency: Automated reporting

24/7 monitoring is more reliable, consistent and efficient vs manual.

Cost saving: Protect stock

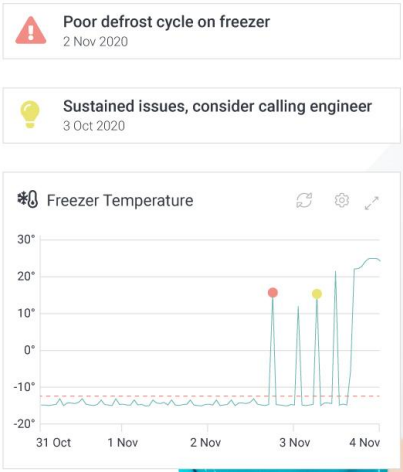
Ensure fridges keep stock at ideal temperature to reduce waste.

Drive sustainability: Operational efficiency

Optimize to reduce energy consumption and CO^2 emissions.

Reduced cost: Preventative maintenance

Predict when fridges are in need of repair before they break down.



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USE CASE

Door & window monitoring

> “We quickly gained insight on which doors were being propped open and were able to take immediate action.

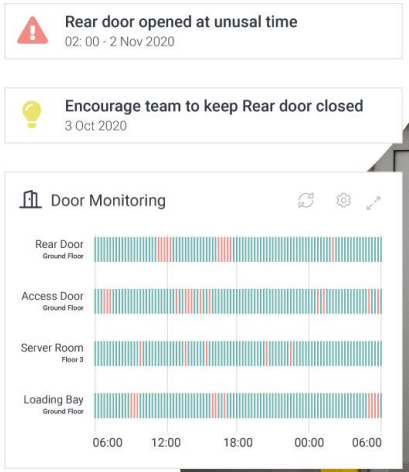
Improve safety and security by monitoring the use of secure areas and fire doors. Get real time alerts about unexpected or at unusual activity.

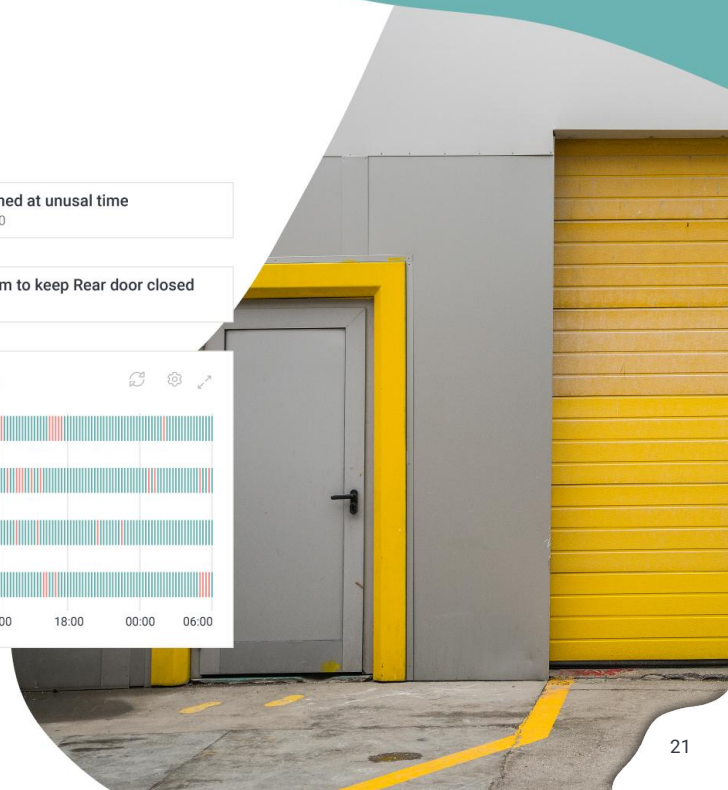
Increased team efficiency
Reduce requirement for security team walk arounds.

Reduced cost: Energy saving
Ensure doors and windows remain shut to conserve heat.

Reduced risk: Fire doors
Ensure fire doors remained closed to protect occupants.

Improved security: Secure areas
Create alerts to notify you when doors or windows are opened.





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USE CASE

Customer feedback

> “This was a very easy way to deliver a much better user experience at very little cost.

Collect a range of feedback from employees, guests and customers. Easily customized for multiple uses from requesting support to gauging satisfaction.

Improved customer/employee satisfaction

Use customer sentiment data to achieve happy and healthy spaces.

Respond faster to customer signals

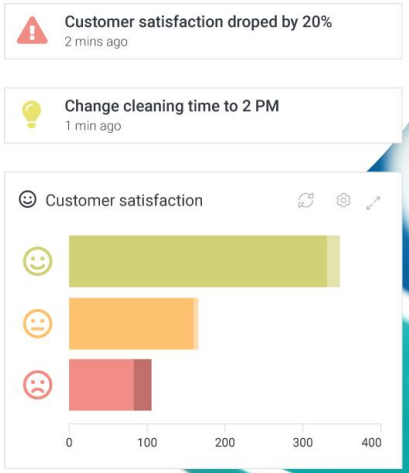
Ensure cleaning and maintenance occur based on feedback.

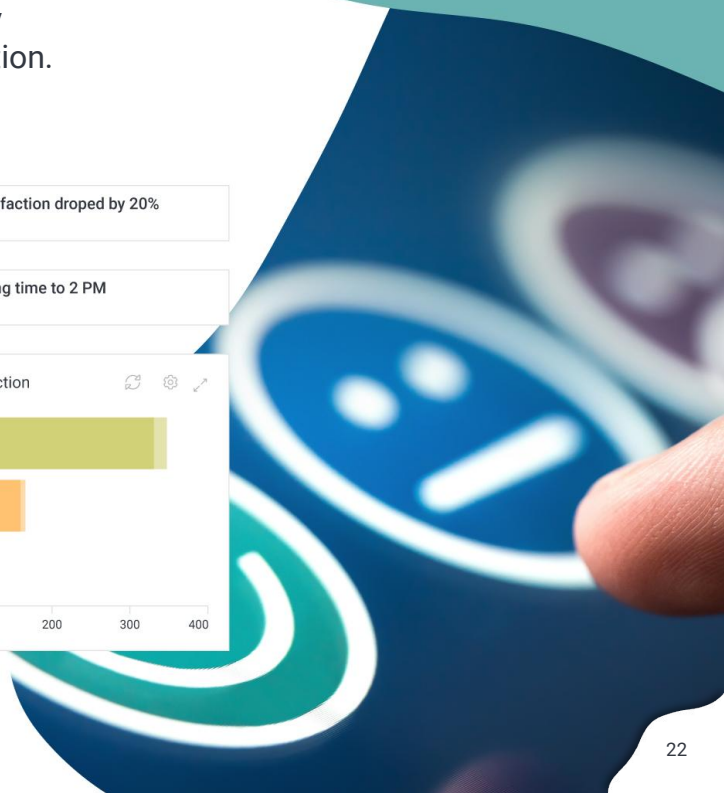
Increased team efficiency

Target resources to where they are needed most.

Take action earlier

Spot trends and patterns in data to deal with systemic issues.





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USE CASE

Cleaning validation

Automate a series of checks to confirm that out-of-hours cleaning was performed to the required standard.

> “Previously we used CCTV footage to check cleaning was adequate. Infogrid gives us better data at a fraction of the cost.

Increased cleaning team efficiency

One-touch panels record team check-ins and cleaning confirmation.

Improved customer/employee satisfaction

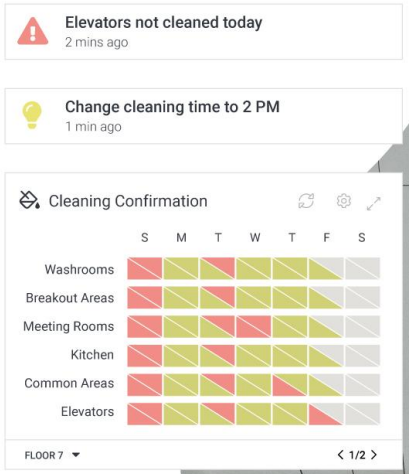
Compare cleaning confirmation with satisfaction scores.

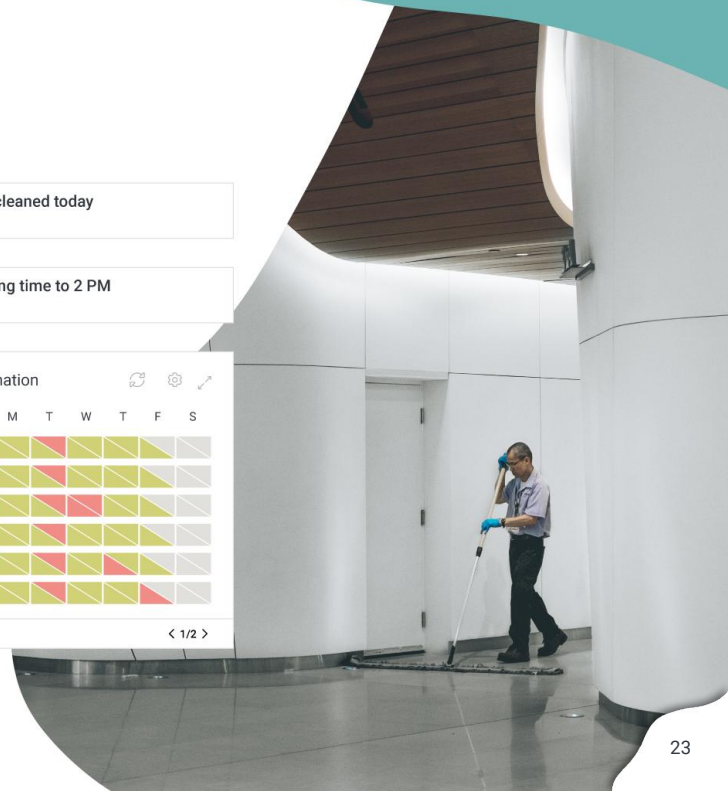
Monitor equipment usage

Confirm that cleaning equipment is being used.

Optimized cleaning rotas

Ensure cleaning occurs when needed and during busy periods.





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USE CASE

Pipe monitoring (L8)

> “Infogrid fully automated our reporting, allowing us to reduce the time spent on legionella compliance by 81%.

Automate legionella prevention and compliance. Monitor the movement and temperature of water to determine when pipes require flushing.

Increased efficiency: Automated reporting

24/7 monitoring is more reliable, consistent and efficient vs manual.

Reduced risk of infection spreading

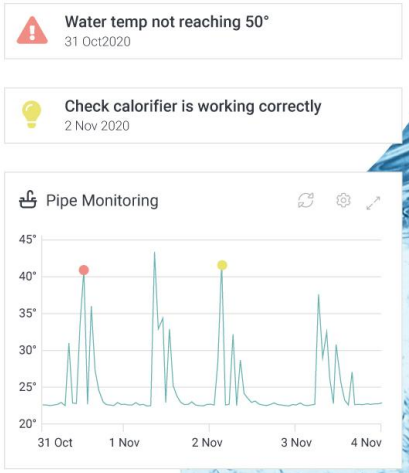
Protect employees by ensuring safety standards are met.

Cost reduction: Energy saving

2900 kg of carbon per building saved. 91% engineer car trips saved.

Drive sustainability

>600 litres of water saved per tap



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USE CASE

Leak detection

Detect faulty equipment and prevent damage to property by detecting flowing, pooling or dripping liquids where there should be none.

> “Infogrid identified that 24% of fridges across our estate had leaks and in one store 64% of fridges had leaks!

Increased team efficiency

Focus maintenance efforts on problem areas.

Reduced risk: Health risk and hazards

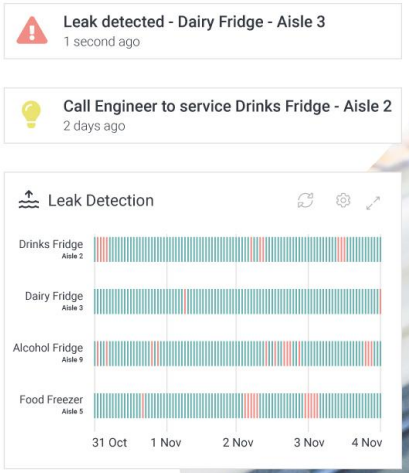
Protect staff and customers from slips, trips and spills.

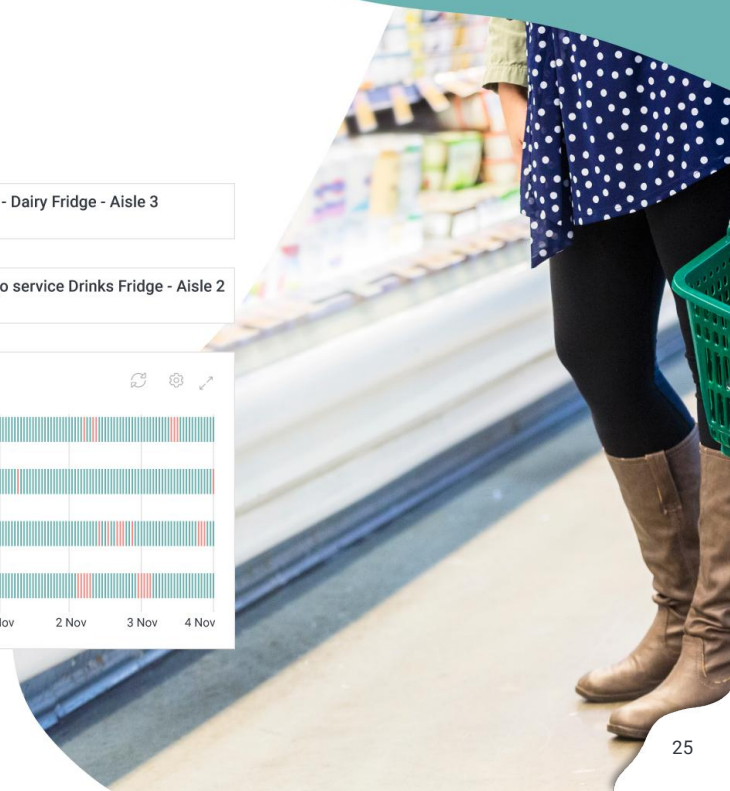
Reduced cost: Preventative maintenance

Predict when assets are in need of repair before they break down.

Reduced cost: Protect assets

Protect valuable equipment and property form damage.





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Thank you!

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