

ASSET MANAGEMENT

BY



COMPaaS



6S Global

The Problem: Traditional Asset Management

A pair of hands in blue business attire is shown from the bottom, cupping a glowing digital network. The network consists of interconnected nodes and lines, with various icons representing different aspects of asset management: a magnifying glass, a handshake, a trophy, a headset, an information icon, a Wi-Fi symbol, a globe, a speech bubble, and an envelope. The background is a blurred blue with binary code (0s and 1s) and faint grid lines.

ASSET MANAGEMENT

In the last 50 years, 51% of Fortune 500 companies have disappeared.

R. Wang - Founder, Constellation Research

The Problem

Equipment fault is reported. Often by an unhappy customer.

Engineer is dispatched to site to diagnose and verify problem

Returns to base to locate information and spare parts.

Engineer returns to site to repair equipment.

rarely is asset information kept up to data on multiple systems.

The Solution

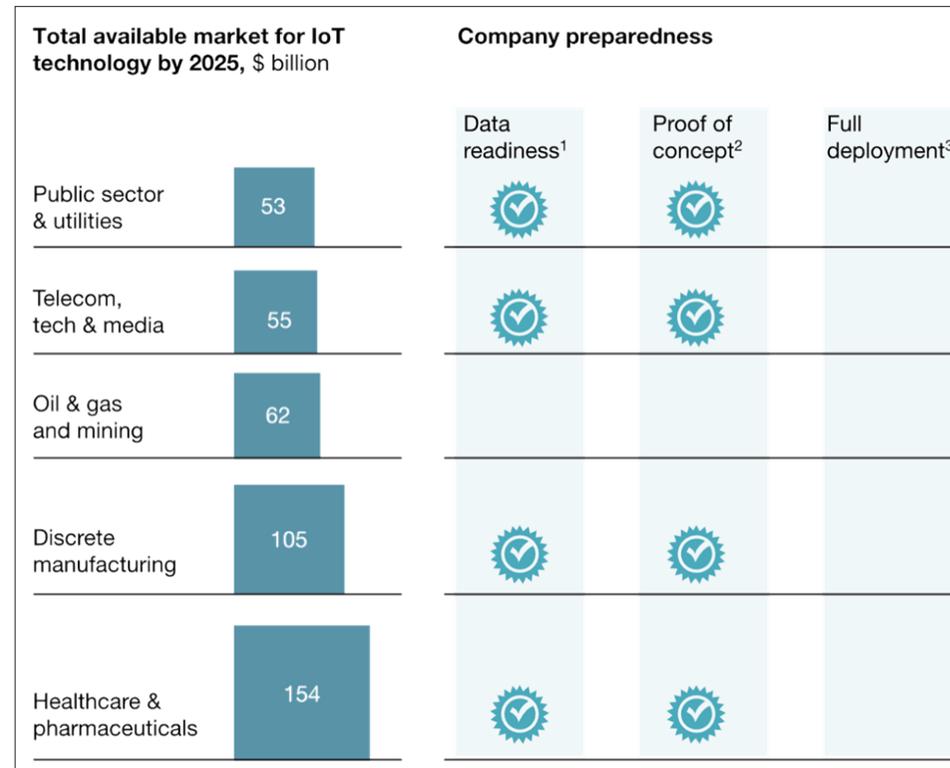
Lot Assets become Smart and Connected

Equipment reports their State Change and Faults

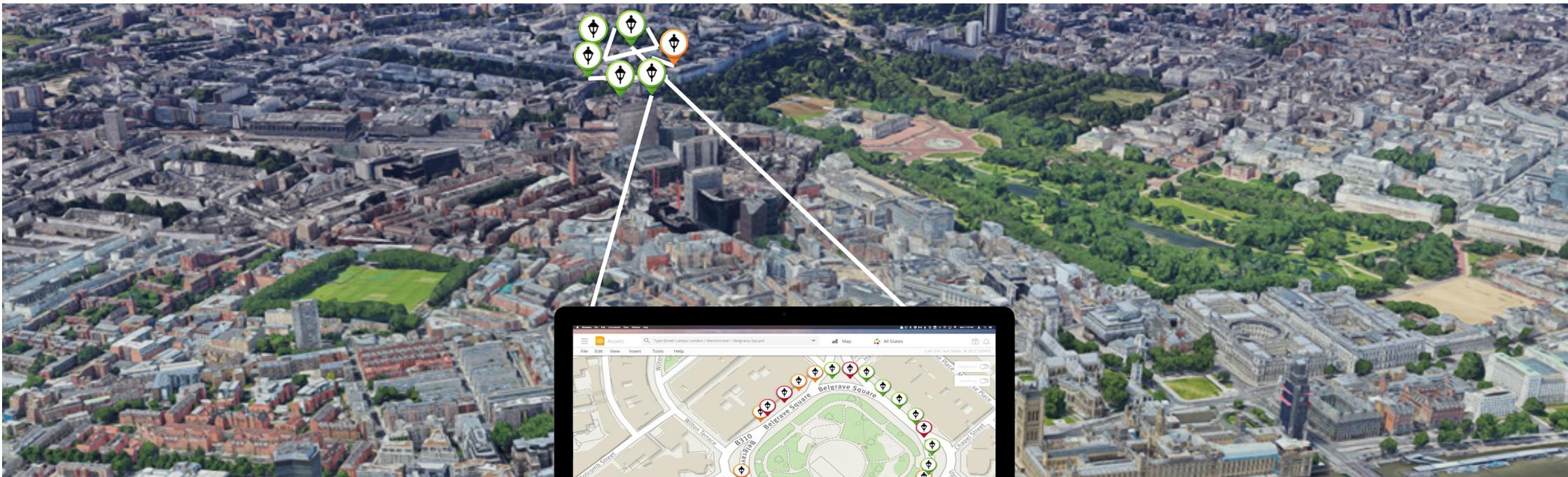
Engineer Automatically Dispatched and device is fixed first time

35%-65% of an engineer's time can be spent searching for and verifying information

The Market Opportunity



The Solution



GATHER

Import Drawings
Add assets registers
Visualise & Verify

CONNECT

Connect assets
Capture live data
Add Context information

MAINTAIN

Monitor performance
Trigger alerts & events
Proactive maintenance

TRANSFORM

Integrate business rules
Reduce operating costs
Increase business value

COMPaaS Assets digital platform manages new and old data. It allows users to view individual assets on a single map, this can show either street assets such as lighting or equipment with a building such as HVAC systems.

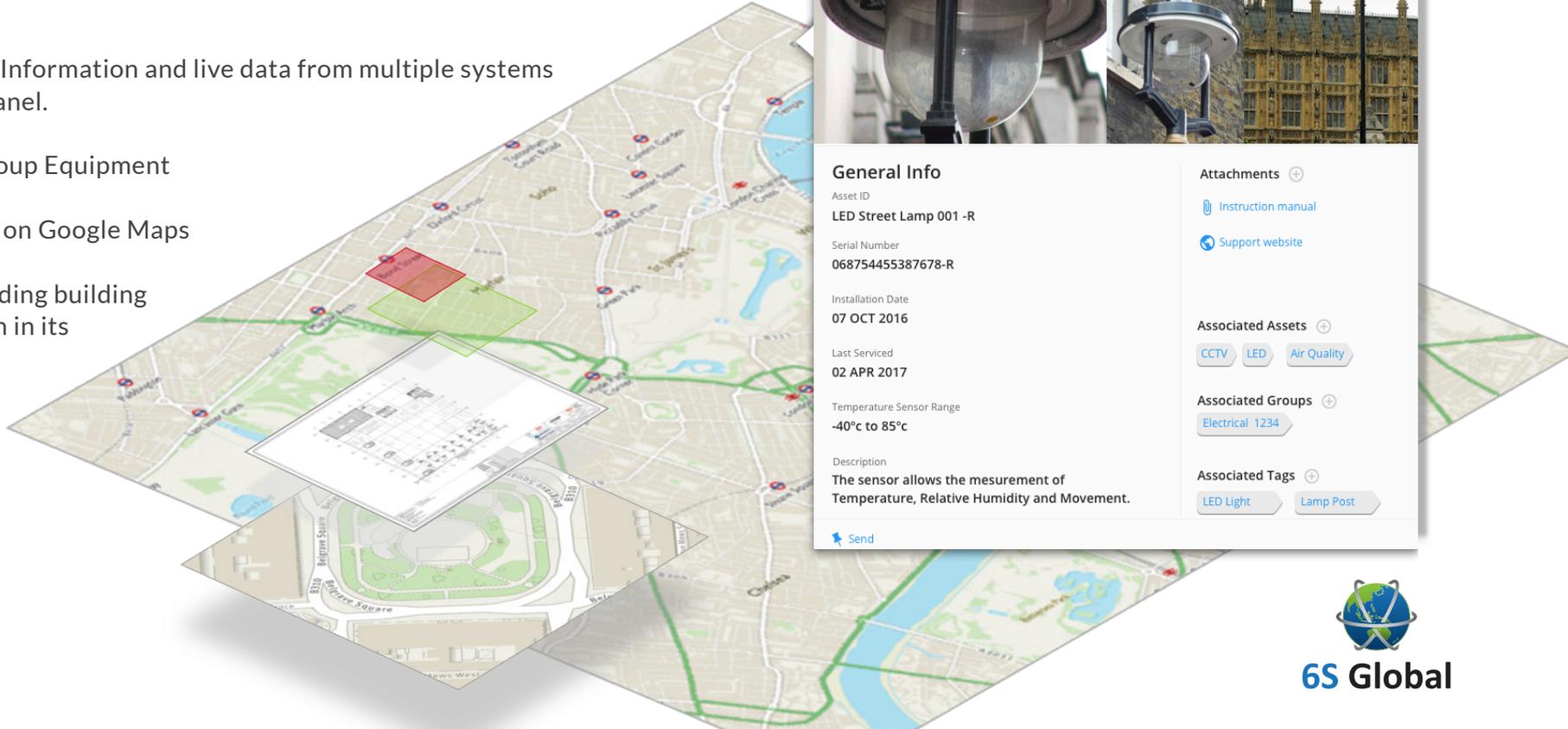
Assets: Combined asset information allows users to visually see equipments health.

Asset Information: Information and live data from multiple systems shown in a single panel.

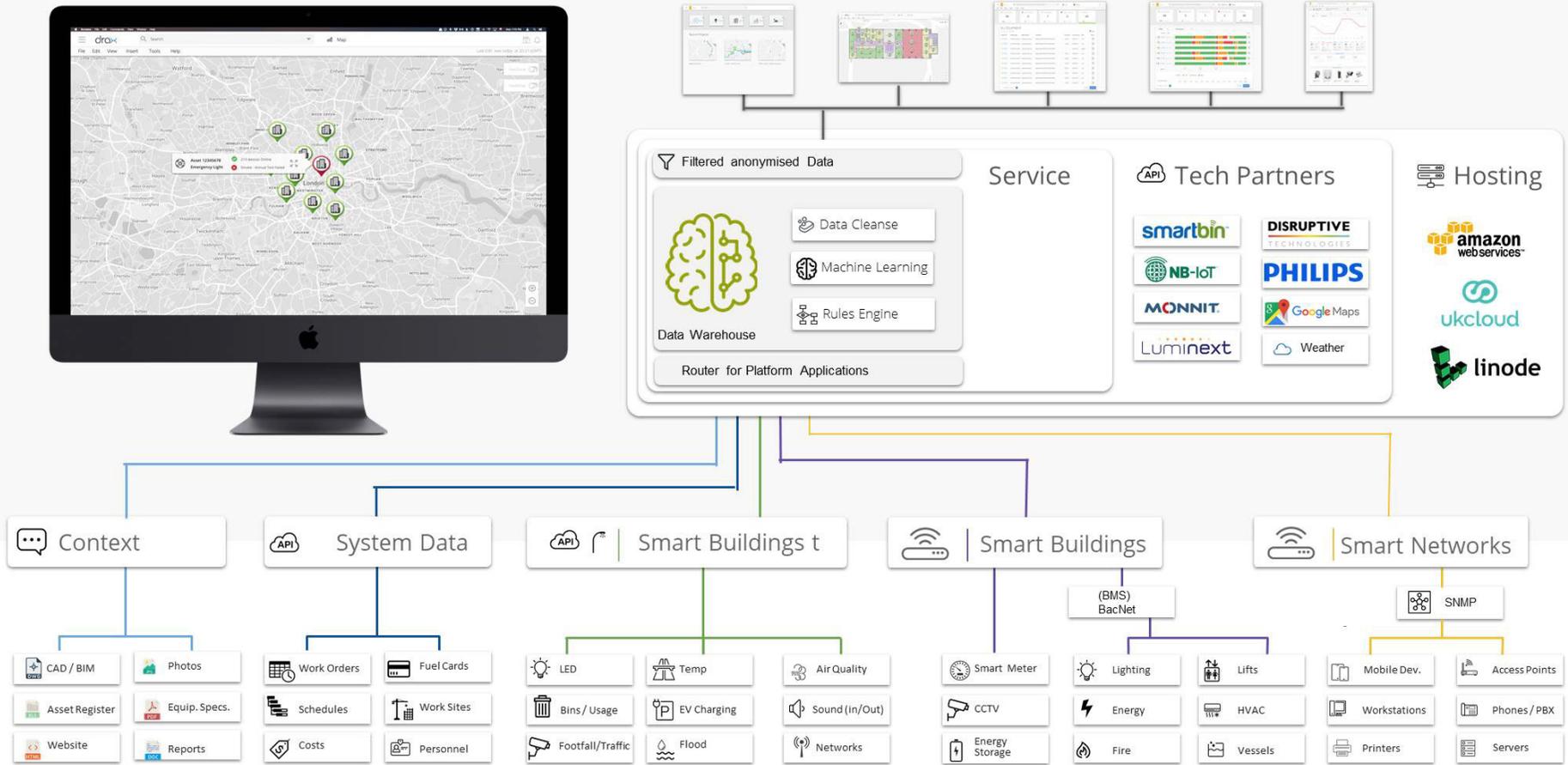
Geozones: Used group Equipment

Floor plans: Shown on Google Maps

Maps: Assets, including building & equipment shown in its real world location



Technical Architecture



Smart buildings

Life safety

Knowing that fire extinguishers are in place, smoke detectors and emergency lighting are fully operational, and that all statutory requirements have been met, helps everyone sleep well at night.

Security

Cameras with video analytics are able to unlock valuable information such as the number of people within a building, unusual behavior and provide an improved sense of customer safety.

Occupancy

Understanding how we use building allows building managers to provide better services and an improved customer experience. This in turn drives employee retention, reduces sick days.

Air quality & Wellness

Healthy employees are an important aspect of a successful business. When people are healthy, they are generally happier and more motivated to do well in their workplace endeavors.

Smart lighting

Lighting is a fundamental provision for any workplace. Good lighting supports sustainability objectives and occupant well-being.

Physical Asset Management

A unified view of your assets and their health extend asset life, reduce life-cycle costs, and lower maintenance costs.

Designed for buildings and cities



Network

Wif, Lora, Cellular, Mesh .



Environmental Sensing

Temperature, Pressure, Humidity, Noise,
Air quality, Radiation, Precipitation • Wind



Door Contacts

Existing Doors, Embedded door Sensors



Smoke Detectors

Smoke, Heat, Ionization, photoelectric



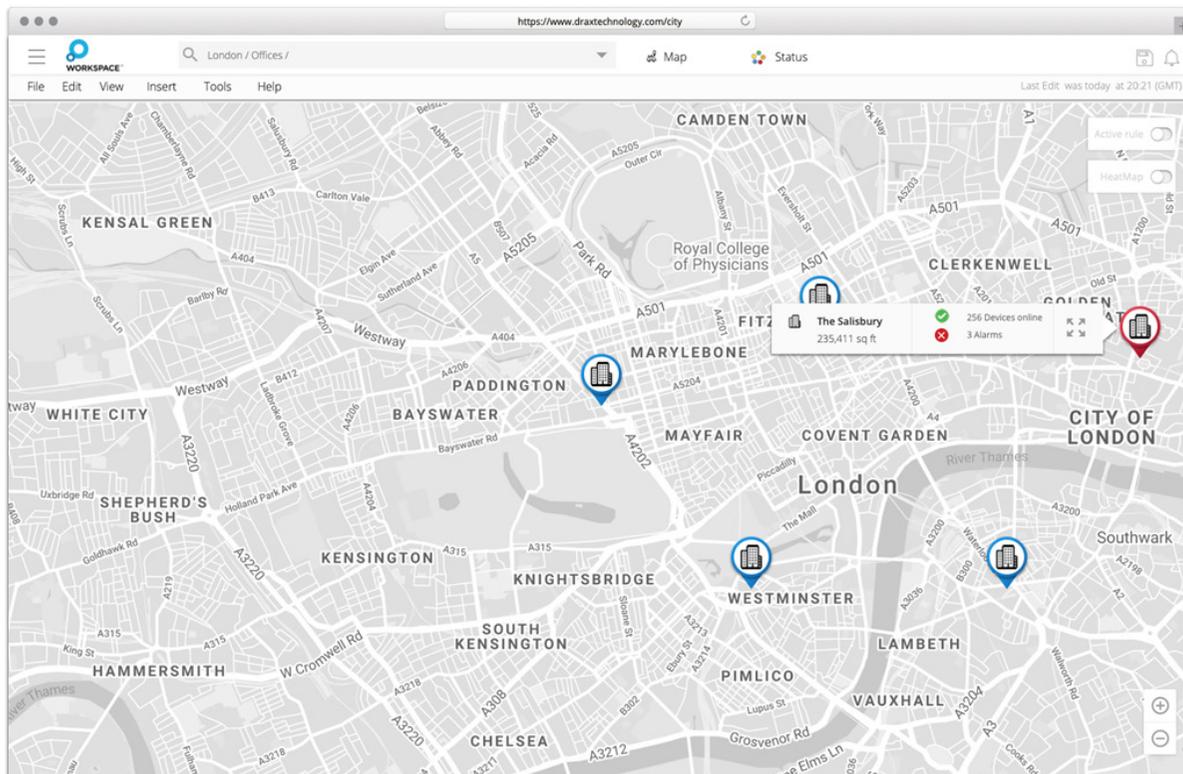
Speakers

Public Address, Alerts, Music



Flooding & Leak detection

Leak detectors, Flow meters , Temperature.



BRAG Report

Buildings and assets are displayed on a map and on, lists and Timeline and colored by health status and exception reporting.



Alarm



Alert

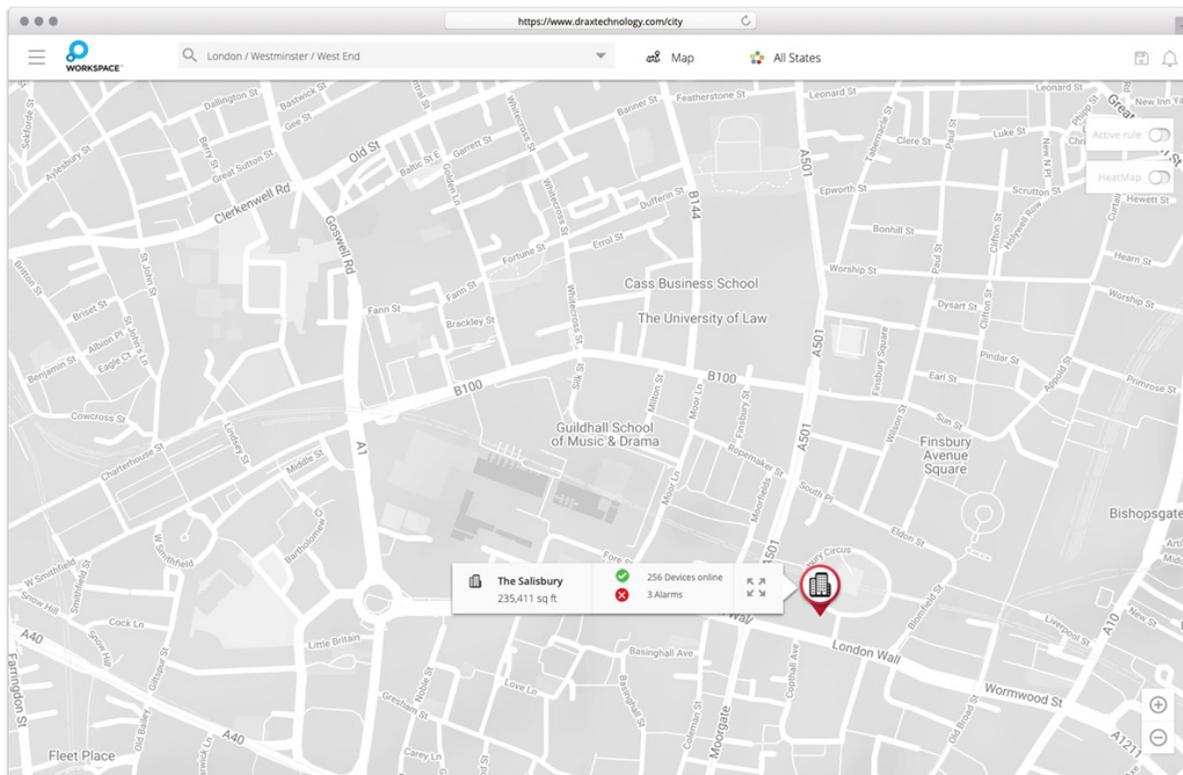


Ok



Non Live





Alerts & Alarms

As things change, equipment sends alarms based on real time data and historic context data such as warranty date. When a trigger is activated a message is sent to the engineer with relevant context to allow them to fix first time.



Ok



Alert

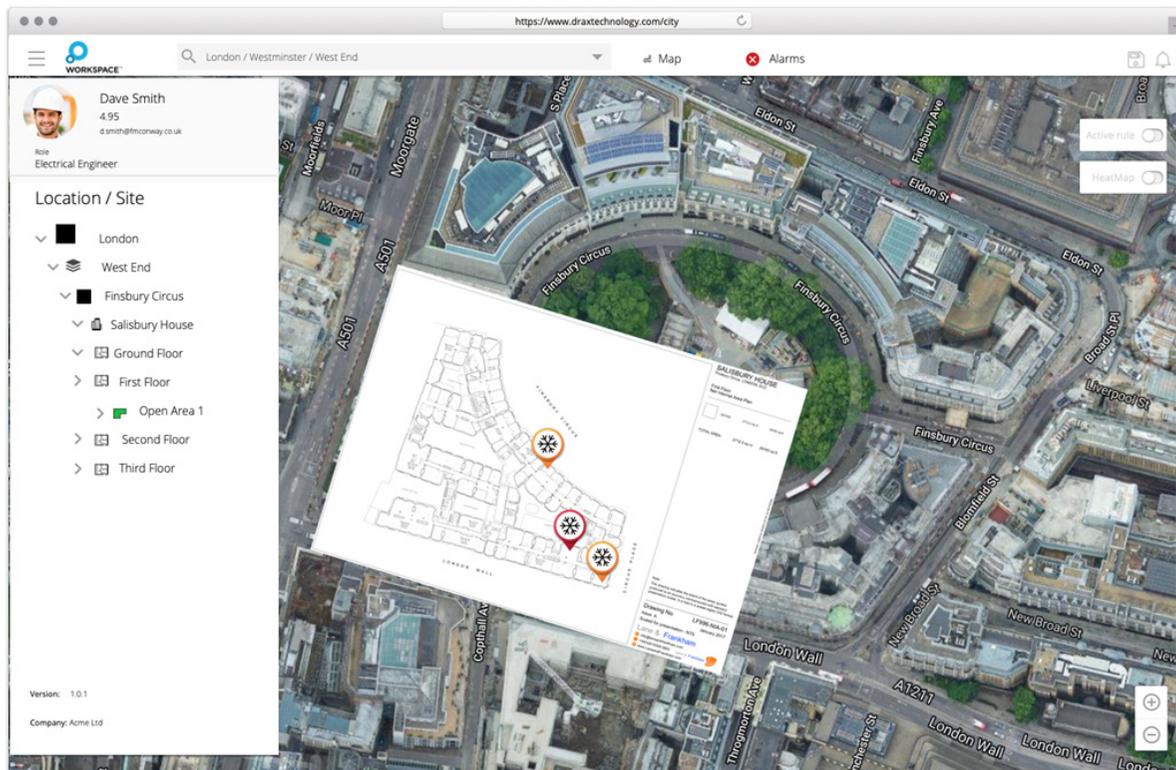


Fix First
time

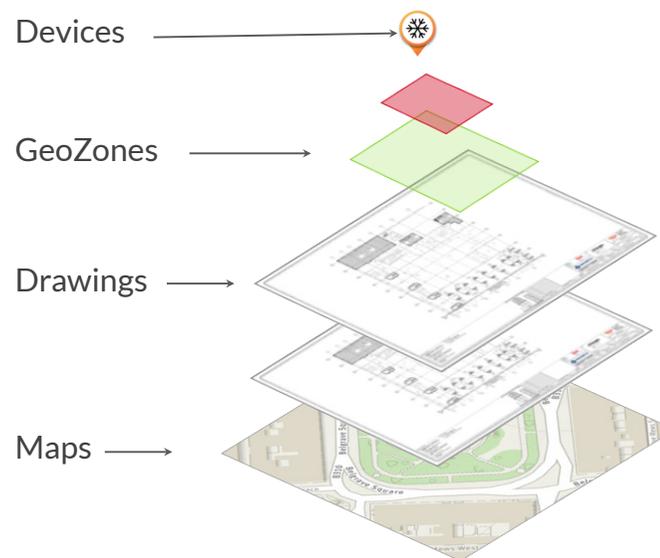


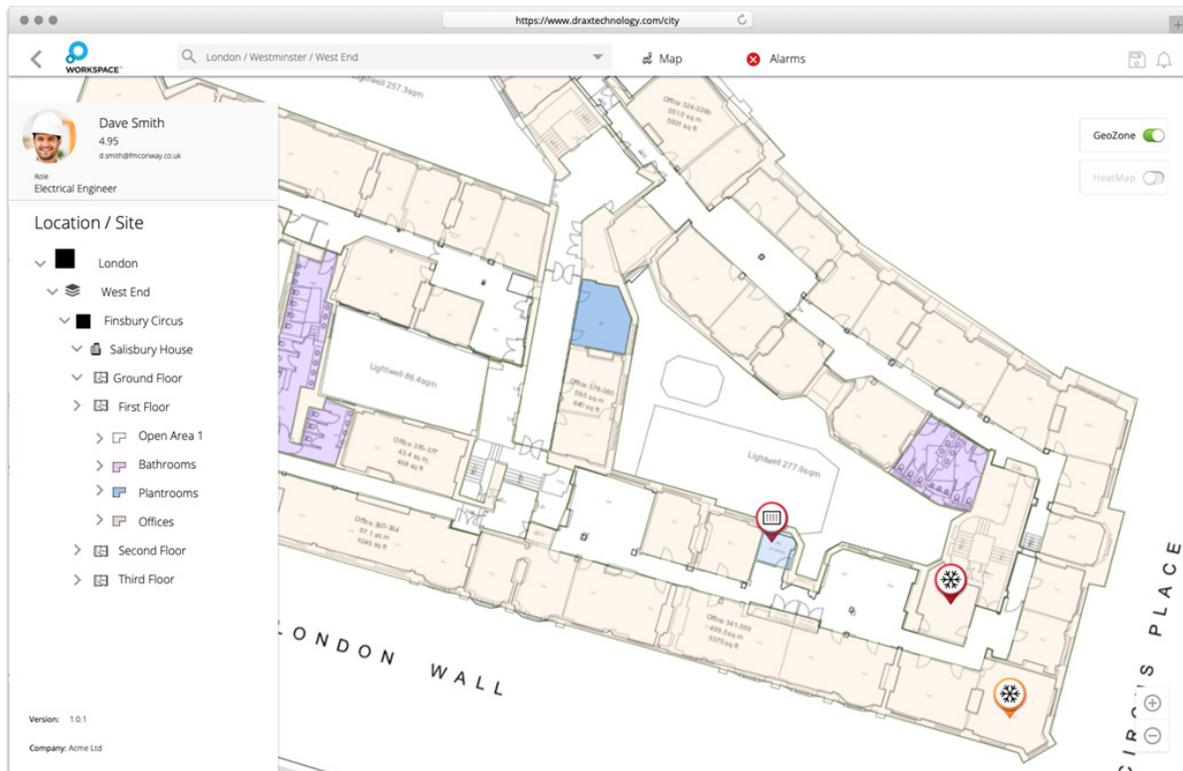
Ok





Drawings are overlaid onto the map and geozones added to group equipment and to provide further context and information such as area and zone use.

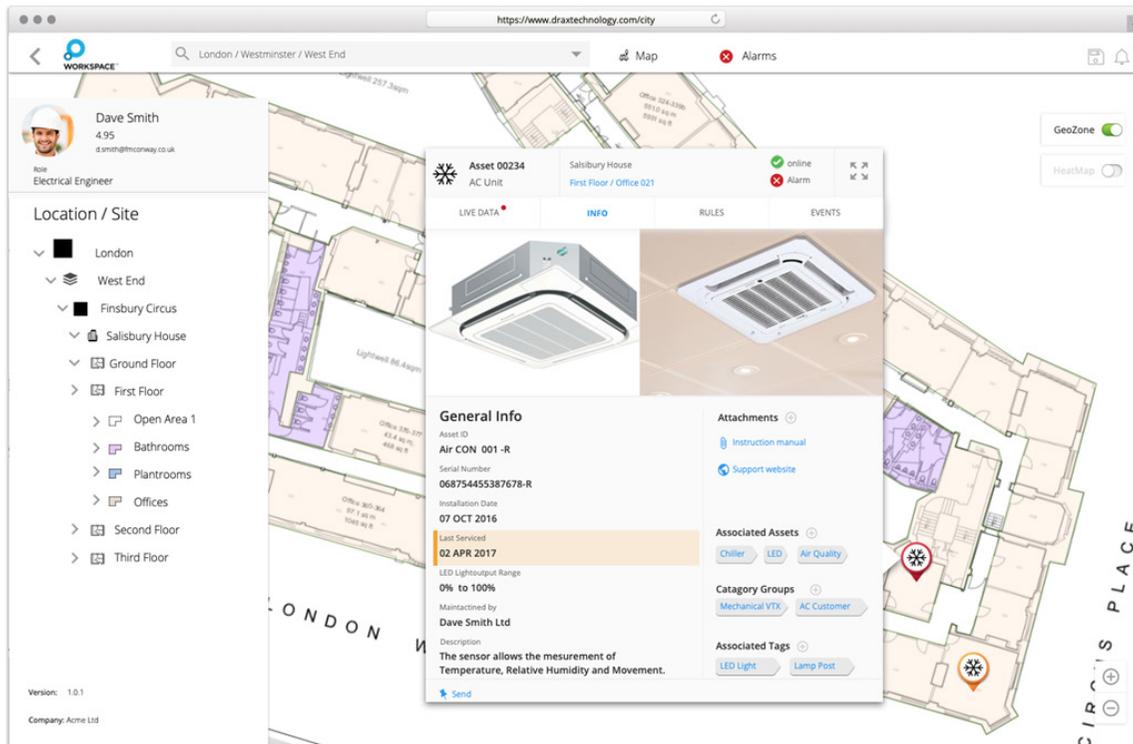




GeoZones

GeoZones are containers for equipment and can be sites, building, floors or rooms.

As real world areas change name, size, shape this is easily updated in the platform, which automatically updates the context and sometimes the performance of equipment within the space, such as the load on an air conditioning unit or the lighting within a room.



Asset Information Window (AIW)

Context is everything and having access to relevant information at the right time allows the various stakeholders to make better decisions and carry out tasks quicker with less mistakes.



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Contact us to find out more

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