



QSS

CO.LTD.

FACILITY MANAGEMENT

FACILITY MANAGEMENT SOLUTIONS

Facility management encompasses a wide range of tasks and day to day responsibilities. In the era of customer experience driven, real-time services – smart IoT solutions will differentiate facility management offerings.

Enhancing occupant experience through total optimised building operations and consistently superior customer experience makes it easier to attract tenants and even charge a premium.



SECURITY

IoT offers facility management a quantum leap in terms of security, safety and risk mitigation. Connected cameras, tracking tags, beacons for ID confirmation, and other smart tools help detect threats and address them quickly to avoid risks to the building and its occupants.



MANAGEMENT

Thanks to smart sensors and the resulting instant analytics that lead to efficient processes you can now reduce costs and increase value added services. Smart IoT devices are continuously delivering data. The analysis of this information reveals trends and patterns, that when understood correctly, leads to streamlined processes and cost saving initiatives for facility management.



MAINTENANCE

The current calendar-based system of maintenance is a one size fits all solution and does not lead to the most effective asset longevity results. With IoT devices monitoring asset performance, it's easier than ever to change the way you deliver facility management services.





MANAGEMENT



WEATHER MONITORING

Detect storms and lightning up to 40km away and notify tenants should they wish to switch off vulnerable appliances or link to a control node that will switch off the facilities vulnerable machines automatically.



ROOFTOP MANAGEMENT SOLUTIONS

Monitor and manage a roof top garden with our smart sensors which allow you to instantly know several agricultural data points about soil, moisture and air quality.



REDUCE ENERGY CONSUMPTION

IoT sensors can monitor the traffic and use of spaces and rooms as well as the current climatic conditions of that space and adjust or shut off power or temperature control to spaces not in use. An astronomical cooling bill can result from leaving doors open for extended periods of time. IoT technology can be trained to notify staff when a door is left open for an unusual amount of time.



OPTIMISE SPACES

The IoT can monitor what spaces are used, when, and how often. Leading to making better use of underutilised spaces.



TENANT UTILITIES MEASUREMENT

Offer tenants energy and water consumption threshold warnings to help them learn from and then reduce their energy and water usage.

SECURITY

ACCESS CONTROL

With smart sensors that monitor (and alert) if a door or gate is open or closed, for how long it was left open and when combined with an access control system – it will even inform who opened which gate, at what time and for how long etc.

MONITOR BUILDING CAPACITY

Smart door sensors, monitor the amount of people entering or currently within the facility. Ensuring during an emergency the exact number of people to evacuate from the building can be measured for peace of mind.

CCTV

Our smart CCTV range offers a complete solution with HD cameras, night vision and recordable hard drive. Each kit can be synced to mobile devices so you can view footage anywhere using a smart phone or tablet (iOS or Android) for ultimate peace of mind.

MANAGE PERSONNEL

Smart security bands can track the location and activity of building or security personnel. Track security patrols and the time spent on patrols. Pre-program routes into the watch and notify the user and supervisor when these routes are not followed or completed in a timely manner.

SHEQ DETECTION

- Detect smoke or gas
- Detect unhealthy lighting or poor air quality

ELEVATOR & ESCALATOR MANAGEMENT

Adding smart sensors to an elevator or escalator enables condition monitoring such as for smoke, vibration, velocity increase and based on pre-set rules can dispatch fault alarms and emergency response without delay.

VEHICLE SECURITY

Offer tenants an extra layer of security with their choice of vehicle tracker linked to the buildings Bluetooth Beacon. Create a Geo-fenced location around the building and tenants will receive an alert if their vehicle or valuable assets exit the geo-fenced location.





MAINTENANCE



LEAK DETECTION

Detect humidity and water leaks to prevent water damage to walls and property. Detect leaks like roofs and/or walls before they cause more damage.



CONDITION MONITORING

Monitor and manage a roof top garden with our smart sensors which allow you to instantly know several agricultural data points about soil, moisture and air quality.



LEARN AND ADAPT

Monitoring humidity, temperature differences or all of the additional people in your building can provide a proactive indication that the HVAC system might be strained today.



PREDICTIVE MAINTENANCE

Smart sensors monitor key machines in real time and provide warnings or information that leads to predicative maintenance. Monitoring environmental conditions allows you to have a more holistic view of how your building is operating and adds building-level context to your equipment.

HOW WE CAN HELP YOU



+966 92 000 7597



Quality Support Solutions Co.Ltd.
Al Jamaa Street, Malaz Area,
Riyadh, Saudi Arabia



qss@qltyss.com

www.qltyss.com