

CMS ENGAGE

Smart Workplace Technology





CMS Engage The **Evolution** of Softwiring

As the modern workplace continues to evolve, the challenge today is to ensure it is working more efficiently and effectively. Understanding how the workplace is being used, with consideration of power consumption and its impact on our environment are just some of the challenges enterprise face today. Just as important, employees require the tools to book and reserve space remotely or when in the office to remain engaged and productive.

CMS Engage is a smart workplace technology solution, digitalising the seamless interactions between employees and the workplace, while property and facility managers monitor space utilisation and energy consumption to provide insightful analytics on how their workplace is being utilised.

Engage Difference



Return to normalcy

With 2020 presenting a shift in how the office is viewed and used, CMS Engage assists in restoring confidence to safely return to the office administrators can now present employees clear visibility on appropriately distanced, cleaned and ready-to-use workspaces including workstations, conferencing and quiet rooms.



Total control

CMS Engage delivers unrivalled energy management and reporting accuracy with Smart Cell, which can completely de-activate and energize workstations from the wiring backbone. This allows administrators to redeploy workspaces in line with social distancing.



Empower productivity through insight

CMS Engage desktop platform delivers administrators powerful insights into how spaces are used. Accurate reporting on energy usage and workspace occupancy empowers administrators to make informed decisions.



Seamless integration

All energy and occupancy analytics gathered by CMS Engage can be ported into a centralised building management system via open API, or used as a stand-alone platform.



Unprecedented energy management

CMS Engage integrates into the workstation's structured cabling. This gives administrators the unique capability to pre-set workstations to shut-down and energise on-command based on the user's check-in/out procedure.



Inspire confidence through visibility

In advance, employees can review, reserve and check-in to available and safe-to-use workstations or meeting rooms on their mobile device via the CMS Engage desk-reservation app.

The CMS Engage Features

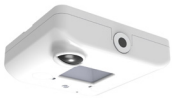
Above the Desk



1. Status indicator

- » Shows status of the work station above the desk via illuminated 50mm tile
- » Integrates into CMS Athena above desk power rail and Echo in-desk power modules
- » Can be used to manually toggle between status modes via built-in capacitive switch
- » Status modes: Available, booked, do not use, meeting etc.
- » Can be retrofited
- » Integrates with Smart Cell

Below the Desk



2. Occupancy sensor

- » State of the art sensors to pick up human presence, temperature and desk height usage and statistics (for sit-to-stand application)
- » Zigbee 3.0 and BLE 5.1
- » Power activation mode
- » Simple 3 step pairing method or can come pre-paired
- » Compatible with Engage statistic dashboard
- » USB powered



3. Smart cell

- » Power monitoring and management (On/Off, Schedule tasks, power readings)
- » Automatic reporting - power/energy analytics
- » Compatible with Engage occupancy sensor
- » Simple 3 step pairing method or can come pre-paired
- » Compatible with Engage statistic dashboard
- » Softwired structure
- » Compatible with Engage status indicator used above the desk
- » Zigbee 3.0 and BLE 5.1
- » Compatible and integrates with CMS RFID readers
- » Compatible and integrates with CMS desk lockers

In the Ceiling



4. Gateway

- » The gateway acts as a portal to deliver event data of up to 200 smart devices to our AWS cloud based dashboards and phone app while forming a mesh system to our smart devices
- » Open API enables easy integration
- » Can be integrated into an server/cloud
- » Remote firmware upgrades to all connected devices



All CMS Engage products require the CMS gateway to function.

4.



1.

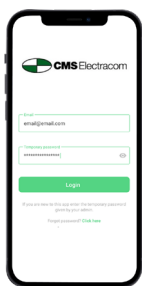
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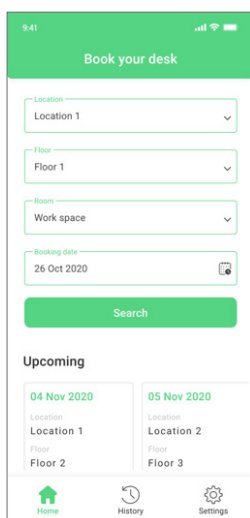


CMS Engage Booking App

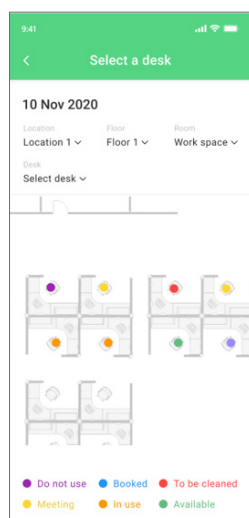
Advantages



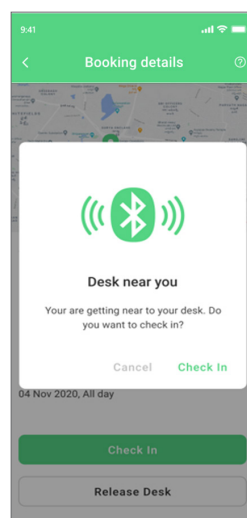
- » No check in - no power
- » Automatic check in with proximity over BLE
- » QR Code generation for desks with no smart products and power
- » Simple and user friendly
- » Admin, concierge, cleaner and user platform all differ upon log in.
- » Report generation
- » Flagging desks where required by user
- » Concierge and cleaner capable of releasing desks - COVID Safe



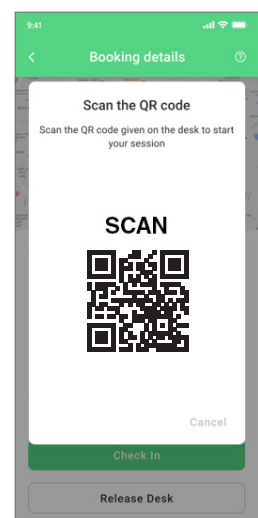
Choosing location and date



Selecting desk on floor map



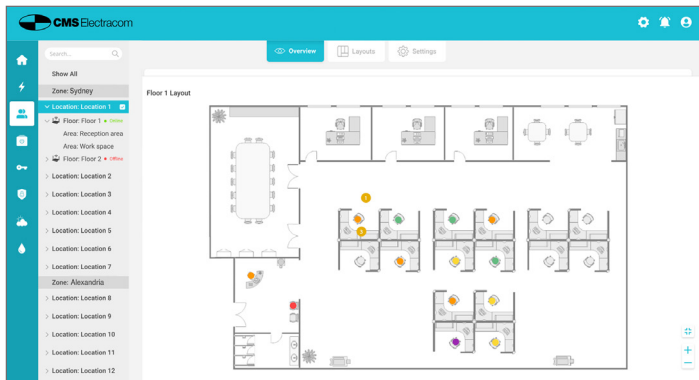
Auto check-in when approaching desk



Manual check-in via QR code scanning

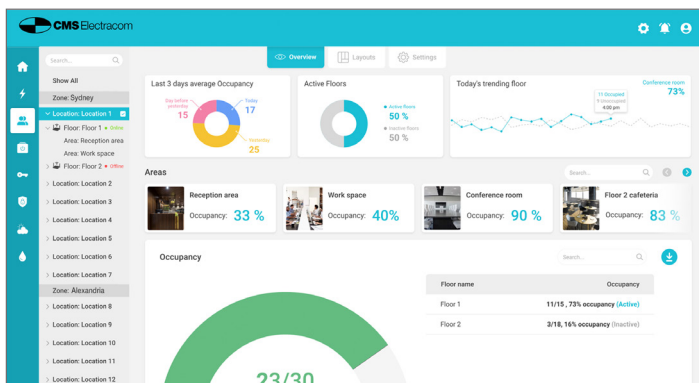


Analytics Dashboard



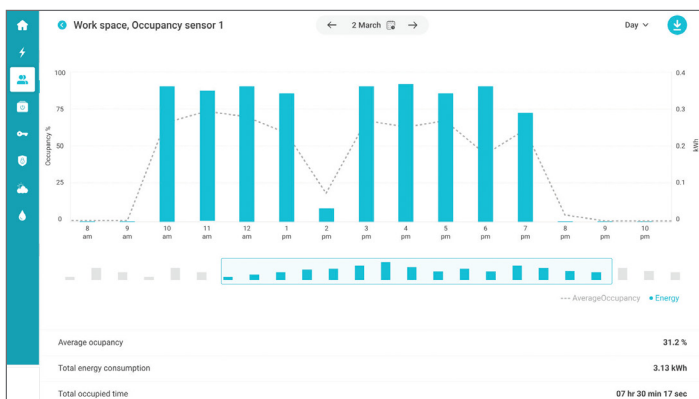
Live floor layouts

- » Floor layouts and live status can be used with Floor Kiosk to show desk status with live readings from multiple sites to a single area per level.



Occupancy and space utilisation

- » Utilise the ability to remotely de-activate workstations for social distancing.
- » Accurately provide cleaning schedules for cleaning staff to indicate safe-to-use workstations.
- » Ability to deliver usage and occupancy insights to determine peak usage and capacity with time-lapse heat mapping.



Energy management overview

- » Provide a more complete picture of energy consumption by integrating workstation power usage in to the existing building management system together with HVAC, lighting and security.
- » Engage enables the ability to shut-down workstations completely when they are not in use, and energise it when a successful check-in procedure has been completed.

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