

## Case Study

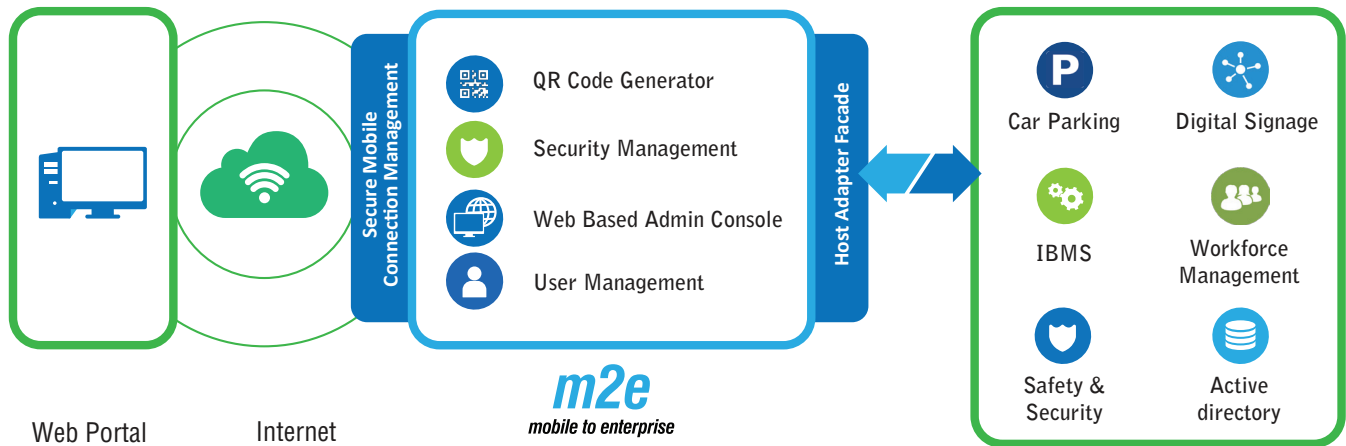
# WEB PORTAL IN SMART BUILDINGS

## Client Overview

Our client, VADS Lyfe (a wholly owned subsidiary of Telekom Malaysia (TM) Berhad) is in the business of providing smart city solutions. As part of their new office set up, the client is utilizing the latest technologies in replicating the smart city concept such as smart building/offices within their premises. This will allow the client both to showcase their solutions to their potential clients and also to bring the smart city experience to their staffs.

## Challenges

Currently, there are no fully integrated system that has meet the client smart building requirement which is to match visitor meetings with meeting room bookings. E.g, if a visitor is requesting for a meeting, the request will be forwarded to the appropriate staff and he or she will book the meeting room request manually. Upon arrival at the client's premises, the visitor will park their car at their own arrangements and register at the lobby before proceeding to the meeting room.



## Solution

The solution comprises of a web-portal and mobile application (Android and iOS) which will assist the staff to book available meeting rooms and send the generated QR code to the visitors’ smartphone. Upon arrival at the building’s parking area, the visitor will scan the QR code to access the underground parking bays. The mobile application will then guide the visitors to their reserved parking bay and upon proceeding to the main lobby, the visitors just need to scan their QR code to proceed pass the entrance gates whilst the digital signage at the lobby will display the meeting room’s number and floor.

## Integration

The solution provided utilizes the Tricubes M2E (Mobile to Enterprise) middleware to communicate with TM’s own middleware to handle all integration with the building smart technologies such as safety & security, parking management, building automation, digital signage CMS, energy monitoring, workforce management and smart lighting.

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