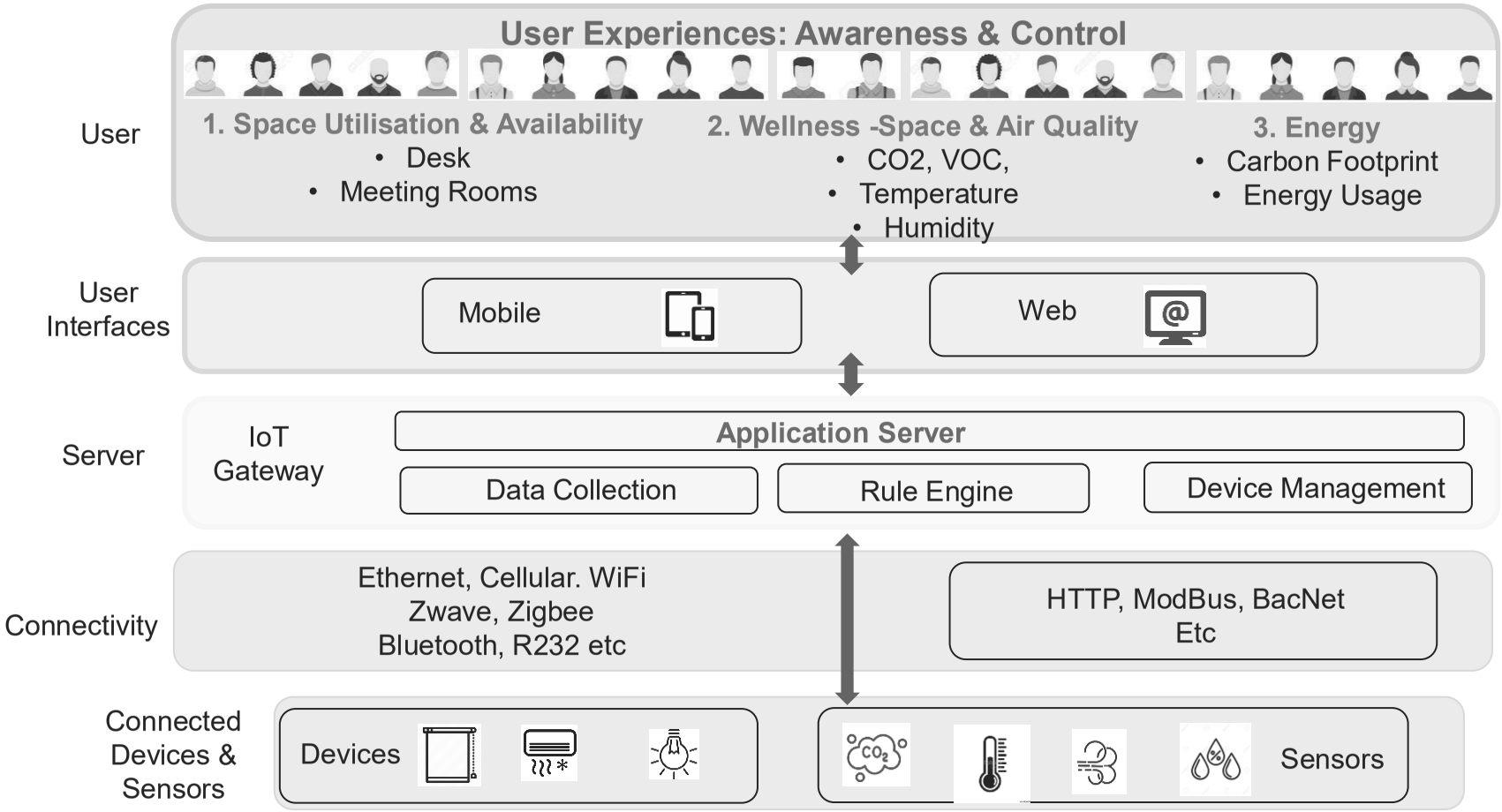

User Experiences: Awareness & Control
User
1. Space Utilisation & Availability
• Desk
• Meeting Rooms
2. Wellness -Space & Air Quality
• CO2, VOC,
• Temperature
• Humidity
3. Energy
• Carbon Footprint
• Energy Usage
User Interfaces
Mobile
Web
Server
IoT Gateway
Application Server
Data Collection
Rule Engine
Device Management
Connectivity
Ethernet, Cellular. WiFi
Zwave, Zigbee
Bluetooth, R232 etc
HTTP, ModBus, BacNet
Etc
Connected Devices & Sensors
Devices
Sensors

FIG. 1

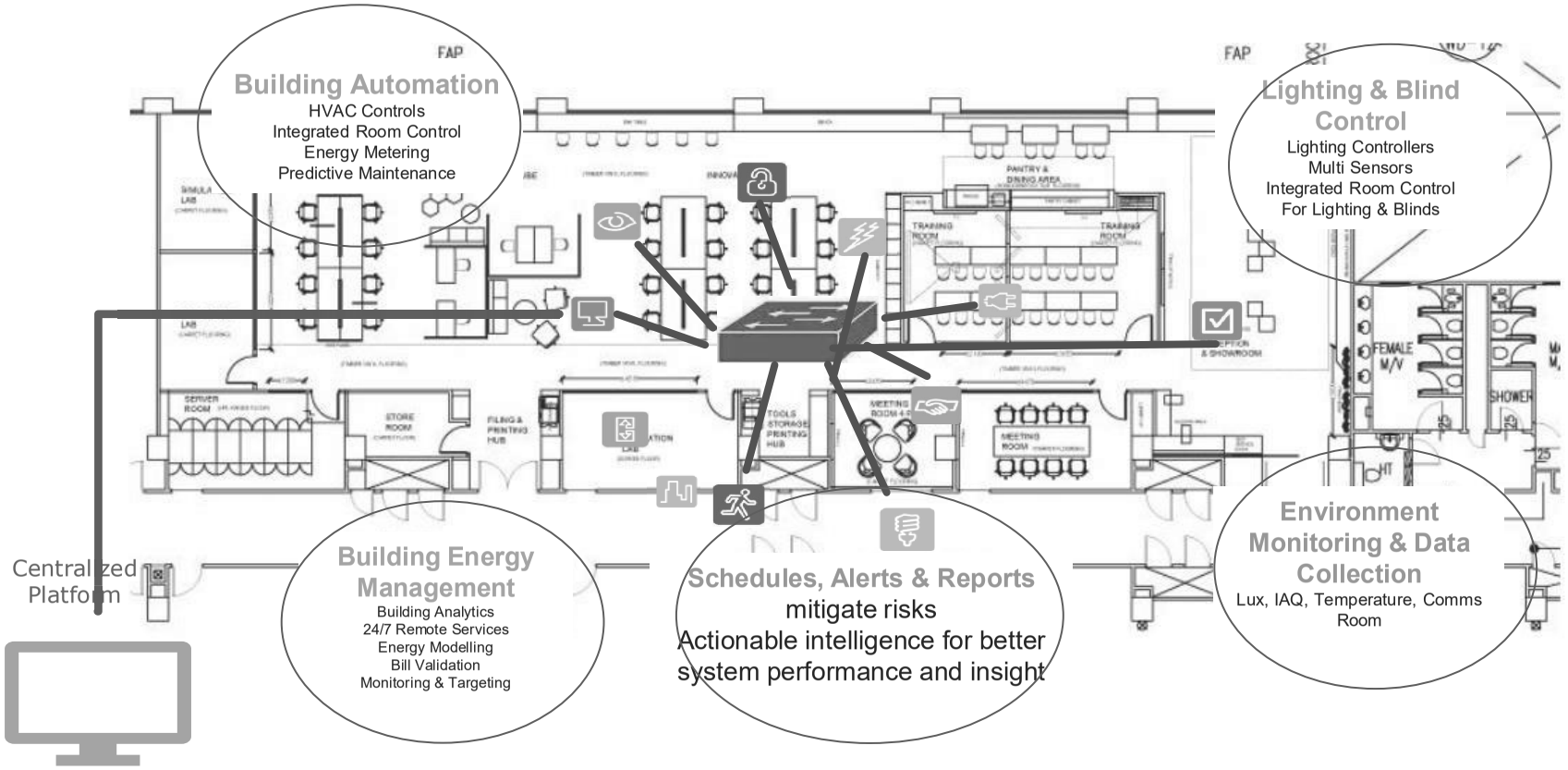

Building Automation
HVAC Controls
Integrated Room Control
Energy Metering
Predictive Maintenance
Lighting & Blind Control
Lighting Controllers
Multi Sensors
Integrated Room Control
For Lighting & Blinds
Centralized Platform
Building Energy Management
Building Analytics
24/7 Remote Services
Energy Modelling
Bill Validation
Monitoring & Targeting
Schedules, Alerts & Reports
mitigate risks
Actionable intelligence for better system performance and insight
Environment Monitoring & Data Collection
Lux, IAQ, Temperature, Comms Room

FIG. 2


Server room
Normal temperature
32.2 °C
Current temp
Temperature
Humidity
25.0
13:20h
26
VOTE

FIG. 3



FIG. 4


31%
saved last month
SAVE ENERGY,
SAVE MONEY
TIP OF THE DAY
Neutral Line
now using
581W
$0.21
per hour
daily usage
2.38kWh
April
Today
daily spend
$0.86
thank you
for saving.
saveenergy
VOTE

FIG. 5


5.0/5
Temperature
Humidity
Chem. poll.
CO2
17.9
°C
47
%
116
ppb
470
ppm
P. M. 2.5
6
µg/m³
P. M. 10
11
µg/m³
VOTE

FIG. 6

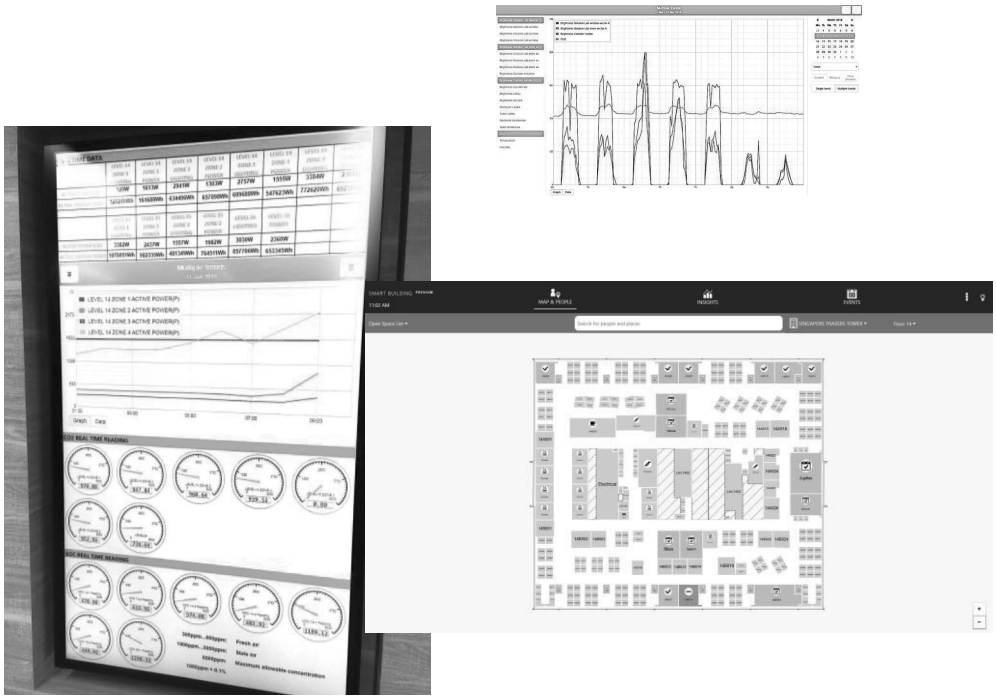


FIG. 7


Main Office
LEVEL 1
10 Running
4 Stopped
LEVEL 2
2 Running
1 Stopped
LEVEL 4
18 Running
10 Stopped
LEVEL 5
20 Running
1 Stopped
LEVEL 6
17 Running
1 Stopped
LEVEL 7
15 Running
2 Stopped
LEVEL 8
16 Running
1 Stopped
LEVEL 9
9 Running
1 Stopped

FIG. 8