

SMART IOT SYSTEM PLATFORM

By Our AI Edge Controller

TURNING BUILDINGS INTO
SMART ENERGY BUILDINGS

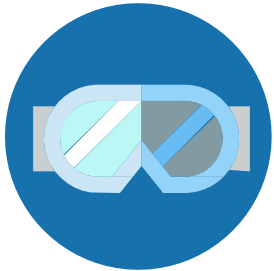
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SMART IOT SOLUTIONS – SMART FIELD / INDUSTRIAL SOLUTIONS



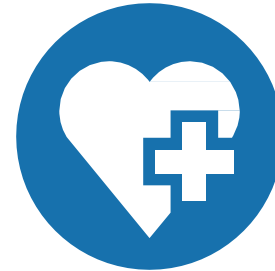
Smart AR glass

Emergency situation notification to display on glass. Work inspection



Identity & Access control

Every worker/ Vehicle access control through UHF RFID



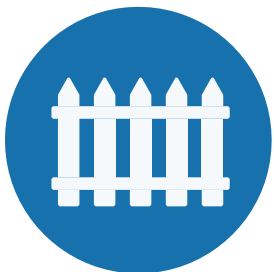
Healthy condition

Body temperature, Fall sensor Heart rate sensor to evaluate individual worker working condition



Position tracking

Every worker/ Vehicle position tracking via BLE+LORA for open space and



Forbidden Zone

Alarms with workers in more or more predefined forbidden zones



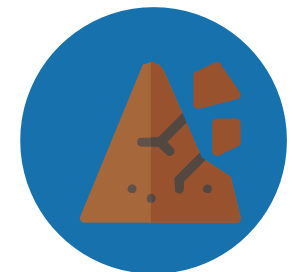
Wearable Camera

Recording working condition and remote communication and adapt to low illuminance environment



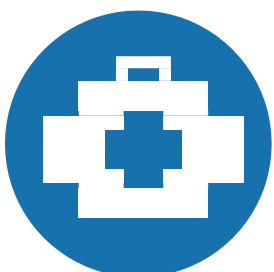
Harmful Air Detection

Detect Co Co2 O2 H2S and other air quality and directly link with Alarm system



Natural Disaster

Automatic alarm of land slide/ water floor and other natural disaster incidents by LPwan IOT



Alarm system

Emergency alarm system trigger through different event setup



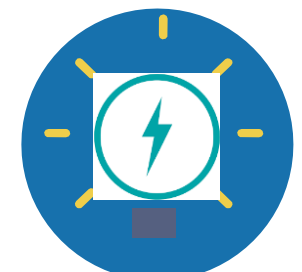
People counting

Calculates people passing through certain area



Vehicle counting

Counting of individuals and /or vehicles. For separated moving objects



Energy Management

Help save energy through Smart Meter and CMVP

SMART IOT SOLUTIONS – SMART BUILDING/ CARE SOLUTIONS



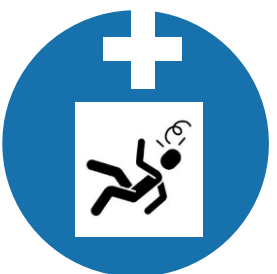
Carbon Management

Scope 1, Scope 2 and Scope 3 Carbon Emission Management System



Identity & Access control

Every staff access control through UHF RFID, working with Facial Recognition System



Fainted Sensor

Body temperature, Fall sensor, Heart rate sensor to evaluate individual patients/workers condition



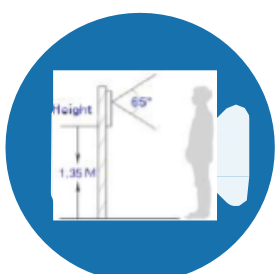
Position tracking

Every staff / patients tracking via BLE+LORA for open space and



Dashboard

All data to transform management KPI



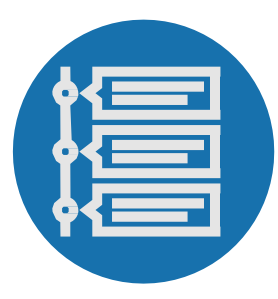
Facial Recognition

Facial recognition of the staff and workers in office for HR and security checking



IAQ Detection

Detect Co Co2 O2 H2S and other air quality and directly link with Alarm system



Backup

System data will be backup locally and in cloud



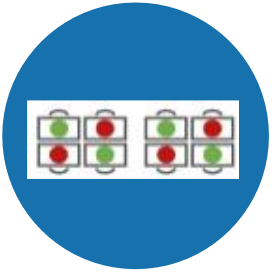
Alarm Signaling system

Fire Signaling, Security Signaling etc. of Alarm/Alert Systems



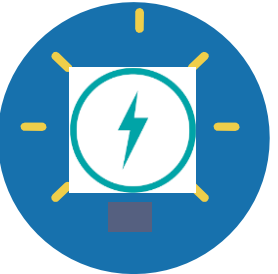
Document

stores all documentation in a customer web portal for instant access.



Smart Space

Check availability of Space or seats inside the office space



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