

# eLIiOT

Elevator..



industrial internet of things..



PIXEL  
TECHNOLOGIES

Introducing Pixel Technologies complete Elevator Industrial IoT Solution

# eLIIOT

## OUR SMART ELEVATOR INFRASTRUCTURE MANAGEMENT

A range of sensors measuring the input data of elevators in your building

Cloud services providing a range of data analytics, information & automatic reporting

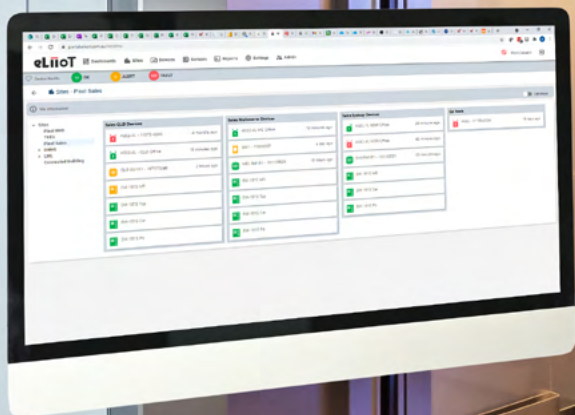
Email alerts and notifications sent directly to your phone

Multi functionality providing a host of tools at your fingertips



COMBINE TO ENSURE REGULAR AND CRITICAL INFRASTRUCTURE ALERT REPORTING

# eLiiOT



## ELIOT CLOUD MONITORING

The eLiiOT cloud allows the user to remotely connect and monitor their emergency telephones, analyse lift operations and device status with Internet or 4G connectivity.

Your entire lift portfolio can now be summarised in one easy to use cloud-based software package.

This service ensures you are compliant to the latest standards and receive critical notifications for your elevator emergency telephone systems.

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• Compliance to AS-1735.19 and EN 81-28



## WHAT IS EN 81-28?

EN 81-28 is a European standard for construction and installation of lifts.

Now adopted into the Australian standard AS-1735.19 since the end of 2019.

The standard is aimed at the risk of persons being trapped in the lift car due to a lift car failure.

Ensuring the transmission network used to call for help is not subject to failure.

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## EN 81-28 COMPATIBLE

We have developed a range of technologies combining our emFONE emergency Lift Phones working in cohesion with our 4G gateways to automatically verify that the phone will work in an emergency allowing full compliance to lift industry standards.

With eLioT, in the event of critical infrastructure breakdown you are covered!

### AS-1735.19 / EN 81-28 Requirements:

These guidelines must be followed for new and updated lifts.



Email Alert notification sent



Automatic reporting  
of emergency phone  
every 3 days



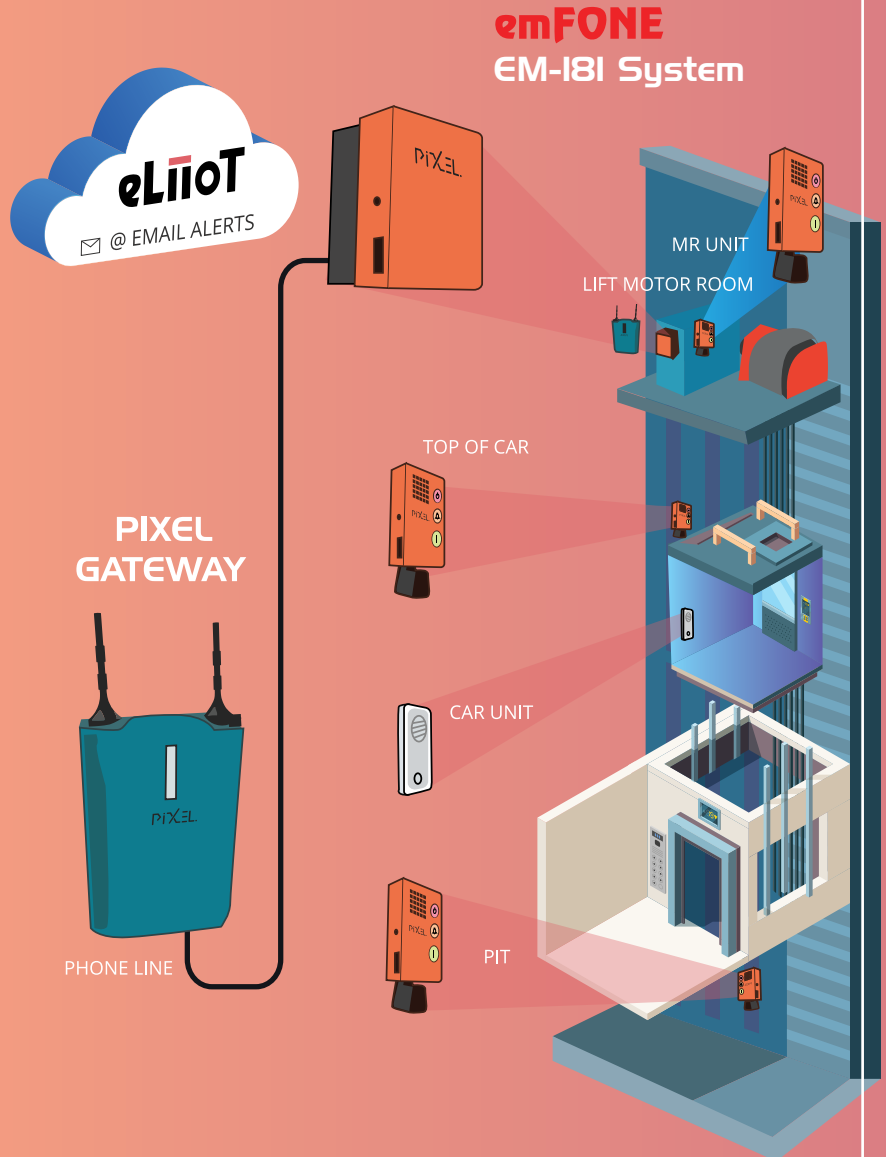




# emFONE SYSTEM

The emFONE system will self test every 3 days and send information to the cloud to give you email alerts ensuring you are made aware of any changes in status to your elevator communication system.

In league with the Pixel Telephone gateway, cloud and elevator monitoring you can fulfil your legal obligation easily.



## SENSOR APPLICATION:



Pixel IoT Gateway

### MOTOR ROOM IoT



Vibration



Temperature  
Humidity



Pixel Sensors

### CAR IoT



emFONE



Lift Critical  
Status



Pit water height detector

### PIT IoT



Water  
Ingress



## SENSORS

The eLioT Monitoring system can easily display a host of other useful data, including lift status messaging, with Pixel IoT sensors and devices installed in your building.

We can monitor Lift Motor Vibrations, operating hours, shaft Temperature and humidity, as well as water level detection in the lift pit.

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