

## Should you upgrade your current equipment to the 4G network or consider purchasing new equipment?

Regardless of your decision, Pixel products will continue to function on the current 4G network which is set to operate well beyond 2030.



[Link to Brochure](#)

### Upgrading the current EM-4GE from 3G to 4G

- Our modular design provides future upgradability allowing the product to adapt to future requirements.
- To upgrade an existing EM-4GE Gateway you need: 2 x 4G Network Cards and 2 x 4G Antennas.
- A laptop computer and a technical person will be needed to upgrade the system firmware to support the 4G network.
- We recommend replacing the lead-acid battery during this visit to site.
- Please consider the following before upgrading the existing unit:
  - The product may be five years old
  - There is no warranty
  - It has been discontinued from manufacturing
  - It does not meet the new changes to EN81-28
  - Talk time is limited to 4 hours
  - There is a risk of semiconductor obsolescence
  - Will not be able to test the emergency phone as per EN81-28

The newly designed and manufactured units by Pixel Technologies have been carefully designed using components with a 10 year lifetime and will continue to evolve to meet any market changes.



[Link to Brochure](#)

### The NEW EM-4GE2

- Our 4G radio modules are permitted by Australian Telecommunications and supplied by the world's largest 4G manufacturer.
- We offer cost effective Single SIM unit for home lifts.
- Our single SIM or dual SIM units with four lines are suitable for multiple elevator buildings.
- Our products are EN81-28 compatible for periodic testing requirements and for periodic testing of emergency telephones supplied by Pixel Technologies.
- We will soon be releasing an Emergency Light testing and monitoring service, with automatic cloud reporting using Pixel Technologies' ELiIoT cloud monitoring service.
- Automatic cloud reporting using Pixel Technologies' ELiIoT cloud monitoring service.
- Our products feature a Lithium-Ion battery with a capacity of up to 12 hours and come with a new warranty period of up to 18 months.

### By now, you are asking why not 5G?

The next generation 5G network is still being rolled out and coverage is still expanding across the country. However 5G devices are expensive and must be able to fall back to the 4G network if 5G is not available.

As 5G technology is still in its relative infancy, we anticipate changes by telecommunications companies over the next few years. Our experience with upgrading devices to support changes in the 4G network supports this assertion.

The path forward for emergency voice communications is to utilize the 4G network. Upgrading your current EM-4GE from 3G to 4G is a viable option.