

EMiZON

The Smart Way to Secure Alarm Signalling

Enhancing Security Cutting Costs

Corporate 21 is the **advanced signalling service** from Emizon that leverages your corporate network to provide enhanced premises protection cost-effectively.

Corporate 21 ensures higher protection by providing **two means of communications** from the alarm panel to your monitoring centre.

The first uses your existing **Corporate IP network**, and the second uses the latest **wireless** technology from the supplier you choose.

Both communication paths are constantly managed end-to-end by the Emizon Service Platform to ensure that every alarm will always get through.

Take a closer look

• More reliable

Using your Corporate network to provide an 'always-on' link between your alarm system and monitoring centre, able to report any failure within seconds.

• More secure

Alarms will always get through because Corporate 21 can send a 'confirmed' activation on either the fixed or wireless link.

• More affordable

Fully leverages your existing Corporate network.

• Fully approved

Meets the exacting requirements of the security industry, insurance companies and emergency services.

• Future-proof

The signalling service that's designed for Next Generation IP/Networks and unlike many of its rivals, is fully compatible with fibre networks with Voice Over Internet Protocol (VoIP) phone services.



Key Features

Secure

- Dual-path
- End-to-end audit trail
- Fully managed on both paths

Cost effective

- Leverages your corporate network
- No connection charge

Easy to use

- No on-site configuration
- One-touch commissioning

Future-proof

- Designed for Next Generation Networks
- Fibre compatible

Call now for details
1300 307 403
www.emizon.com

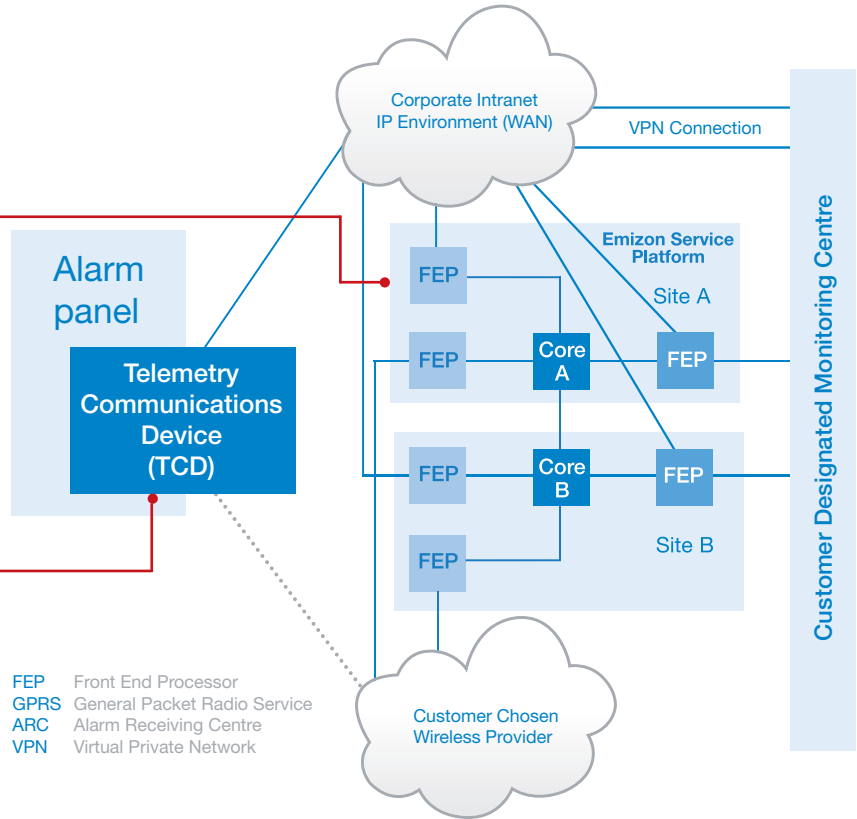
Corporate 21 Solution

Emizon Service Platform

The 'brains' of the service providing the central processing capability to manage alarm delivery from the panel to the monitoring centre across both the Corporate IP and GPRS networks. Using a unique set of protocols and encryption the Service Platform continuously interrogates the message delivery process across both paths, meaning availability levels of 99.99%. The service also provides full audit trails and diagnostics.

Telecommunications Device (TCD)

Fits easily into any existing alarm panel, connecting into both the Corporate IP and GPRS networks using pin, dial capture or serial connection. Works on either DHCP or a static local IP address, the latter can be assigned on-site, using the GPRS path.



Technical Specification

Connectivity: The TCD uses outbound TCP/IP connections only, via the Corporate IP (Ethernet) and the GPRS IP networks. The TCD does not accept inbound connections and does not require any inbound IP ports to be opened on the corporate firewall/ router. GPRS connectivity is established via a private network connection (APN) and no internet connectivity is possible via GPRS in the TCD. No connectivity exists between the GPRS IP and landline IP networks in the TCD and no IP bridging is permitted between the networks in the TCD. The TCD contains an internal firewall to isolate the TCD from any unauthorised connections or IP traffic.

Data Traffic: 140 bytes per poll.

Encryption: Corporate 21 service uses AES 128 bit encryption for all data traffic over both the IP and GPRS networks.

Standards: Corporate 21 meets the new Australian Standard AS/NZS2201.5:2008 and conforms to the highest European EN Grade 4 signalling standards. A detailed breakdown by Class within the new AS/NZS 2201.5:2009 is shown in the table below:

Class	Transmission Duration	Transmission Supervision	System Availability	Signalling Security	Interconnection with panel	EMIZON
2	90 seconds on average D1	25 hours T2	98.0%	Account number plus message integrity of at least 15 possible combinations S2	Report within 25 hours	Corporate 21 exceeds class 2 in all areas
3	60 seconds on average D3	120 Seconds T3	99.0%	S2 plus message authentication with a minimum length and varying element	Supervise the link + report failure within 120 seconds	Corporate 21 exceeds class 3 in all areas
4	30 Seconds on average D4	60 Seconds T4	99.7%	S3 plus elements of the alarm transmission to be the product of a computationally secure algorithm S4	Poll the link + report failure within 60 seconds	Corporate 21 exceeds class 4 in all areas