EMiZON IP

Adding functionality and profit to your services

Putting you in control

- 'Always on' monitoring of fixed and wireless paths
- Online panel management and site diagnostics
- Remote relay operations facility
- Complete flexibility of mobile and IP networks
- Endorsed by all major ARC's

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Emizon IP smarter and faster

Emizon IP is the dual path 'always on' alarm signalling and CCTV monitoring service. Using the customer's broadband service, Emizon IP continuously monitors the connection between the alarm panel and the response centre 24 hours a day, every day. If there is a problem with the broadband connection, either accidental or malicious, then signals will be sent over the wireless GPRS network so your customers can feel secure, safe in the knowledge that the alarm will always be delivered.

Benefits for your customers

- **Value.** Emizon IP delivers dual-path signalling for the price of a traditional managed single path service. It works on the customer's existing broadband line, with no need for a dedicated PSTN line. There will be no additional call charges or connection fees.

- **Enhanced security.** Emizon IP has been independently tested and passed to LPS.1277 by the BRE/LPCB for compliance with Grade 4 EN signalling standards. Its broadband line monitoring complies with BS 8418 for use with monitored CCTV systems. The service uses outbound TCP/IP communications only, and does not interfere with any firewalls or other inbound security settings.

- **Future proof.** Emizon IP works with any broadband service as well as Corporate and Government/Local Authority/NHS networks. It is also guaranteed to work with fibre and next generation (21CN) networks.

Benefits for your business

- **Easy to maintain.** The TCD can connect into the panel using the serial port for upload/download (UDL) remote servicing. Connect to the TCD remotely from your office using our online diagnostic service. The TCD software can be updated at the touch of a button.

- **Easy to install.** The TCD uses the industry-standard footprint and you can commission it at the touch of a button. The GPRS SIM is already enabled and the TCD can operate with either DHCP or IP (static) addressing systems.

- **Maximum profit.** Simple to install and maintain. Emizon IP can form the heart of your security portfolio, allowing you to standardise your technology across all your customers, cutting their costs and reducing your overheads.

- **Complete flexibility.** The same TCD can be used for all grades of service and is not site specific until commissioned. With Emizon IP you can be up and running in minutes.

Emizon's latest online site diagnostic service

EMiZON IP

Refresh List

Search List

Site Summary:

☐	Not Activated	:0
☐	All Clear	:16
☐	Single Path Fault	:1
☐	Fully Out Of Contact	:1
	Total Sites	:18

Selected Installation:

Site Description:
Joe's Megastore Doncaster

Installation Number:
00-000000-0

Installation ID:
85

Type:
Emizon TCD Dual Path

Signalling Grade:
Grade 4

Installation Status:
Fully Activated

Serial Number:
00-000000-0

Installation Actions

Diagnostics And Settings

	Primary	Secondary
Activation:	Activated	Activated
Poll Status:	In-Contact	In-Contact
Poll Change:	2009-11-04-12.53	2009-11-04-12.59

Installation List:

	Em No	ID	Serial Number	Signalling Grade	Status	Description
	13	13	05-911000-3	Grade 2	Partially Activated	Joe's Megastore Leeds
	102	102	05-912000-2	Grade 3	Fully Activated	Peter' Pies, 4 High Street
	40	40	05-915000-5	Grade 4	Partially Activated	Joe's Megastore Leicester
	25	25	05-919000-7	Grade 4	Associated	Joe's Megastore York
	108	108	05-913000-1	Grade 2	Fully Activated	Joe's Megastore Hampstead
	52	52	05-918000-5	Grade 4	Fully Activated	John Smith, 2 Acacia Ave
	18	18	05-915200-8	Grade 3	Partially Activated	Joe's Megastore Wembley
	03	03	05-913800-4	Grade 2	Fully Activated	Joe's Megastore Yarmouth
	150	150	05-915200-6	Grade 4	Fully Activated	Joe's Megastore Ilfracombe
	190	190	05-918500-9	Grade 4	Associated	David Jone, 44 Park Street
	300	300	05-912700-0	Grade 4	Fully Activated	Joe's Megastore Tunbridge Wells
	09	09	05-911900-2	Grade 2	Partially Activated	Joe's Megastore Keighley
	38	38	05-911800-7	Grade 3	Fully Activated	Joe's Megastore Oxford
	45	45	05-912300-6	Grade 4	Associated	Joe's Megastore Aberystwyth
	18	18	05-914500-8	Grade 4	Fully Activated	Lower Road Surgery
	78	78	05-919600-2	Grade 2	Fully Activated	Joe's Megastore Manchester
	90	90	05-913200-7	Grade 4	Associated	Joe's Megastore Edinburgh
	85	85	05-913300-9	Grade 4	Enabled	Joe's Megastore Doncaster

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Emizon online maintenance

Emizon IP offers more than just alarm and CCTV monitoring. Customers are demanding integration with asset control, financial management and management information systems and we are responding...

1 Emizon online maintenance

This service allows you to use the TCD to connect to the panel for upload/download (UDL) and remote maintenance using your existing panel software. Emizon online maintenance puts you in control. With this service you can take charge of your systems remotely without the need for any involvement from the customer or engineer on site.

- Better resource management. Now you can conduct your routine service online to your timetable and use your engineers where they will add most value to your business.

- Save money. Save your customers the cost of a separate IP communications device - and cut travel to customer sites.

- Save time. Connect the TCD via the serial port for quicker and easier installation.

2 Emizon site diagnostics

Link directly to your sites. Use our 'traffic light' system to review their status. Real time control; change pin settings, review signal strength and check the poll and activation state of each signalling path. CCTV users can turn relays on and off to reset a DVR for example.

Global service

The Emizon Global Support Centre operates 24/7 supporting the security industry around the clock across the Globe.

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Emizon IP your partner into the future

If you want to future-proof your business and meet customers' demands for more functionality and better value specify Emizon IP.
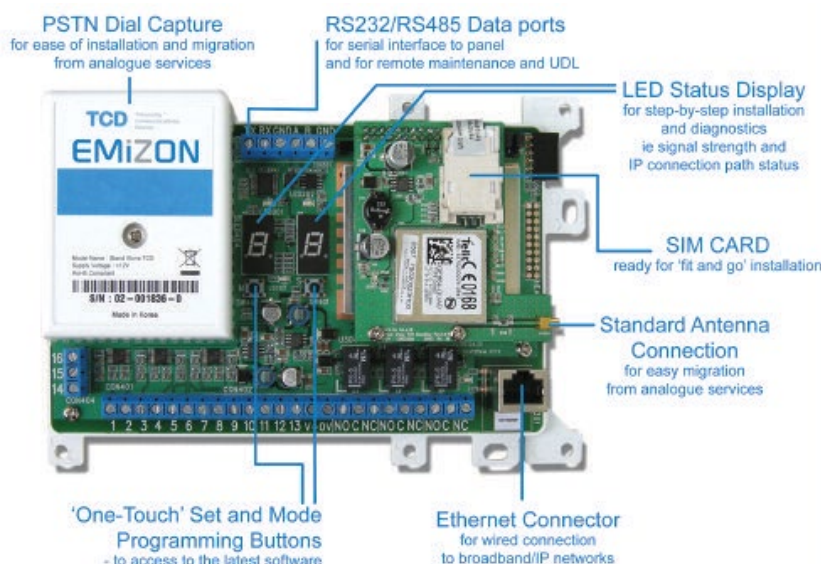
Emizon IP was founded in 2001 by experts wanting to apply Next Generation network philosophy to alarm monitoring.

The Emizon 'core' network architecture is both resilient and future proof. Central intelligence is provided by the Emizon service platform, a server complex housed in two secure locations, built and managed to BS 5979 standards. The service platform manages the end-to-end delivery path of all messages 24/7, providing full audit trails and diagnostics.

Reliability

Our service resilience level is better than 99.99% and we publish statistics at emizon.com.

The TCD (Telemetry Communications Device)

PSTN Dial Capture
for ease of installation and migration from analogue services

RS232/RS485 Data ports
for serial interface to panel and for remote maintenance and UDL

LED Status Display
for step-by-step installation and diagnostics ie signal strength and IP connection path status

SIM CARD
ready for 'fit and go' installation

Standard Antenna Connection
for easy migration from analogue services

'One-Touch' Set and Mode Programming Buttons
- to access to the latest software

Ethernet Connector
for wired connection to broadband/IP networks

Our TCD is ready for all Grades And it's not site or network specific!

Fixed primary. Uses the most reliable path as first line of attack. Also works with any broadband service provider or corporate IP network. Compatible with fibre.

Wireless secondary. Can be supplied with either a Vodafone, or a roaming SIM which locks on to the strongest available GPRS provider.

Three modes of connection into the panel. Traditional pins with a choice of 16 channels, serial port for upload/download (also sends SIA data to the ARC) and dial capture for easy upgrade to digital signalling.

Online ordering. Email orders@emizon.com or online at emizon.com

No geographical boundaries. Emizon IP is ideal for international customers demanding a reliable and consistent global service.

Security. The TCD does not accept inbound connections and does not require any inbound IP ports to be opened up on the customer firewall/router.

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Seriously secure

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