



EUROPLEX
TECHNOLOGIES

iMETREX
Group Company

3GS Integrated Security Solution



Our award winning and market leading
integrated security and access solution ensures
flexibility, scalability and competitiveness.

Wherever there is a question 3GS provides the answer.

3GS

Integrated Security Solution

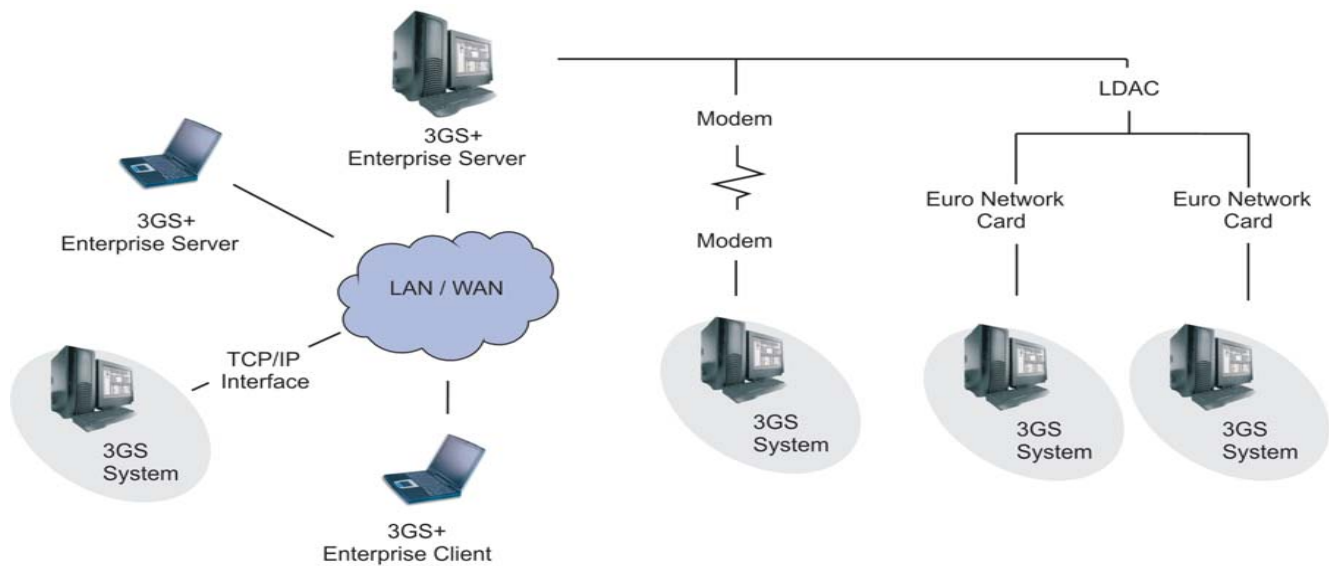


Market Leader

3GS, Europlex's market leading integrated security and communications system is an easy to install scalable solution. Based on our unique technology, the 3GS system enables multiple disciplines to be added on to a single, ring-based cable infrastructure, including:

- Intruder alarm (wired and wireless)
- Access Control
- Wireless panic attack
- Radio paging
- CCTV camera control
- Remote signalling
- Network integration
- Management by PC application





Industry Standard

3GS provides a flexible and independent approach to meeting the client needs. 3GS enables the use of alarm detection equipment and access control card readers and cards from a wide range of manufacturers. This philosophy ensures that users can take advantage of the latest technology as it becomes available without proprietary restrictions being enforced.

Modular Expansion

3GS system expansion is accommodated by adding Nodes to the Ringnet cabling infrastructure. A family of Nodes is available which ensures the most cost effective hardware platform can be installed. The Nodes themselves provide an integrated approach at a hardware level, by supporting different configurations of inputs and outputs. As well as access control and wireless peripherals the 3GS can be expanded to meet the most demanding applications.

The intruder alarm or access control functionality provides the basis for the addition of personal attack, health & safety signaling devices as well as radio paging, SMS messaging and CCTV control.

Communications Options

3GS offers a comprehensive range of communication options when it comes to managing and monitoring your premises and sites either locally or remotely.

Using Private, WAN, or Public networks, such as ADSL, 3GS sites can be networked together to provide an overall management solution which can be managed from single or multiple locations.

The 3GS provides more traditional methods of communicating with alarm receiving centers using either PSTN or ISDN and transmitting fast format, CID or SIA protocols.

System Management

A range of software applications are available to the installer and end user.

- **Panelman** is an engineering and maintenance software package which provides on-site or remote programming and interrogation capability.
- **3GS+** is an access control management package with alarm monitoring. System administration and reporting and control are achieved through a GUI which is intuitive to use. A graphics package is provided to assist the operator manage the system in the most effective and efficient manner either on-site or remotely.
- Third party non-proprietary applications support the 3GS and provide a high level of support for all functionality.

Cross Market Suitability

3GS has been designed to satisfy a wide range of applications in a standard package. The competitive and scalable design means 3GS is being used to secure and manage systems installed in financial institutions, hospitals, government and local authorities, military sites, commercial and industrial sites worldwide.

Europlex's solutions have always been considered the first choice for high security applications as our products conform to the highest quality and performance standards.



3GS Specifications

Alarm Zones	200 zones capacity (Dual EOL and Programmable) wired and wireless
Output Types	255 Types (Mapping facility up to 1000 outputs)
Areas	30 individual areas
Coded Alarm Users	Up to 255 independent users
Zone Types	43
Security Event Log	1000 Events
Number of Nodes	Up to 100 Nodes
Cable ring-net distance	Up to 100 Km
Serial Ports	3 on-board

Key Access Features

Access Control Doors	64 Doors (in and out reader capability)
Cards	10,000 individual cards (Site and Global)
Time Zones	64 time zones (each providing 4 time slots)
Door Groups	250 Door Groups
Access Levels	250 Access levels and Group times
Access Log Events	3000 Events
Card Formats	Wiegand, ISO, Watermark, Mifare & iClass, Corp 1000
Reader Types (Industry Standard)	Smartcard, Mag Stripe, Proximity, Biometric, Infrared, Dual Technology
Reader Manufacturers	HID, Kerri, Diester, Mr Access, Paxton, Motorola, Identec.

Key Wireless Features

Radio Personal Alarm Units	255 Configurable and identifiable units
Radio Frequency	- RPA - Wireless alarm circuits
	433 MHz 868/869 MHz

Key Standards Compliance

Security	EN50131-1;1997, Grade 3 - Class 2 (General Indoor), SEAP - Class 4, DD243;2002, CE.
Access Control	EN 50133-1
Wireless	EN 50131-5-3 Grade 2 BS6799, DD244 Class VI

Key Communication Features

Serial Ports	3 independently configurable Serial ports
Remote communications types	GSM, PSTN, ISDN, DSL, Network, LAN/WAN (using TCP/IP)
Engineering Software	Panelman Windows (on-site and remote upload/download applications)
User Software	3GS+ Lite, 3GS+ Enterprise client server application (Up to 7 user licence), eCOM Pro

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