

GE
Security



There's a new trend in the air...
CS7002 GSM, GPRS, SMS



GE imagination at work

...move to mobile communication with

With the ever-increasing move towards mobile communication, GSM will become your main reporting channel replacing the PSTN dialler. With the CS7002, we are following this trend and have brought it totally up to date with the latest technology, resulting in a fully featured, high-tech GSM/GPRS communication unit. An example is the 3-band Class 10 modem which can be connected to any CSX75 panel and which supports any application. The CS7002 has features such as SMS, Voice and Data communication over GPRS and over the GSM data channel. It is compatible with the latest technology and will be the most commonly used communication unit in the future.

The CS7002 is fully flexible so that it can cope with any communication need, it fully supports primary reporting as well as dual and backup reporting. Its easy installation and the full package of download and reporting features can benefit any system.

The CS7002 provides installers, end-users and monitoring stations with different kinds of communication and information. Choose the functions that suit your application.

SMS



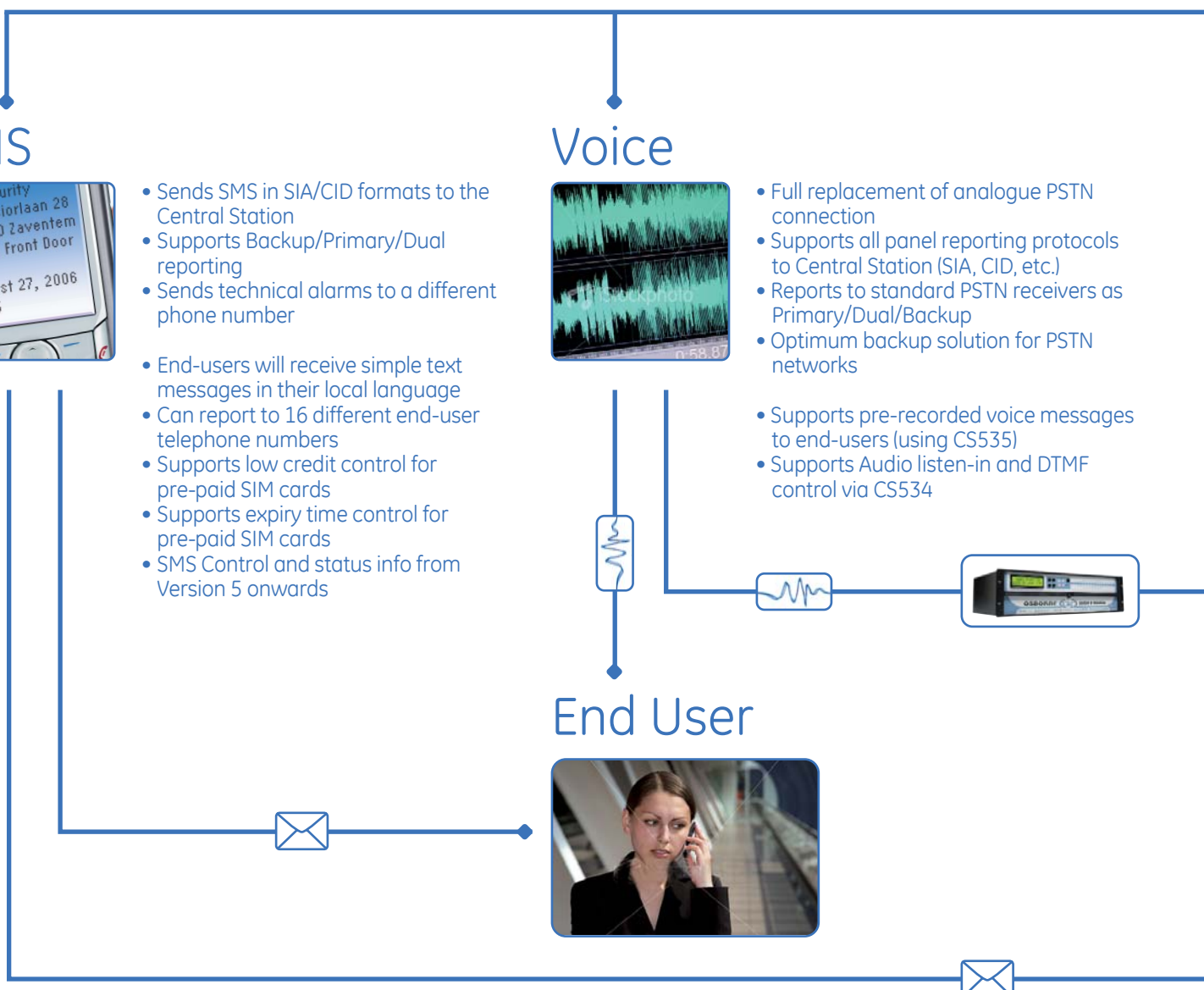
- Sends SMS in SIA/CID formats to the Central Station
- Supports Backup/Primary/Dual reporting
- Sends technical alarms to a different phone number
- End-users will receive simple text messages in their local language
- Can report to 16 different end-user telephone numbers
- Supports low credit control for pre-paid SIM cards
- Supports expiry time control for pre-paid SIM cards
- SMS Control and status info from Version 5 onwards

Voice



- Full replacement of analogue PSTN connection
- Supports all panel reporting protocols to Central Station (SIA, CID, etc.)
- Reports to standard PSTN receivers as Primary/Dual/Backup
- Optimum backup solution for PSTN networks
- Supports pre-recorded voice messages to end-users (using CS535)
- Supports Audio listen-in and DTMF control via CS534

End User



th the CS7002



GPRS



- 3 band GSM/GPRS Class 10 modem
- Supports SIA/CID format over TCP/IP to central station
- Reports to OH2000 NETREC receivers
- Supervised connection via IP Ping messages
- Instant GPRS connection or connect only when reporting

Data



- Up/download over data channel to UDX75
- High Speed Up/Download (9600 baud)
- Digital download connection
- Initiates download from panel or download PC

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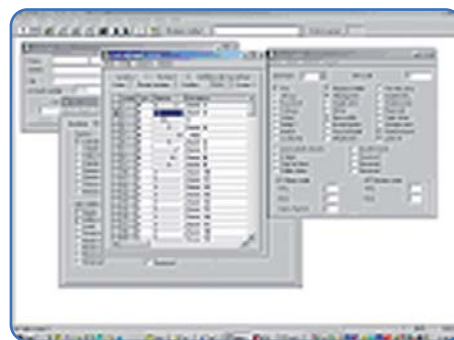
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Central Station



Up/Download



CS7002 used in different applications

SMS



The CS7002 can forward an SMS to an end-user's mobile phone using the same text indication and language as displayed on the keypad. This is useful when end-users want to monitor their own installations or just want to be kept informed about the report sent to the central station in parallel.

The central station can send an SMS in either SIA or CID format. When receiving, a central station could work with the GSM network operator to receive the messages directly from the SMS server.

Voice



There is a trend towards mobile communication. The old PSTN lines are disappearing rapidly and new connections are often GSM. The CS7002 offers the voice reporting function for those people who no longer have a PSTN line, or for security backup reasons. The CS7002 can report via all reporting protocols available in the panel, such as SIA, CID, Fast Format and even pre-recorded messages from the CS535 voice module.

It's easy to install: simply insert your SIM card and everything happens automatically. Just enter a 'G' in front of the telephone number in the panel or enable the automatic backup function if the PSTN line is unavailable.

GPRS



General Package Radio Service is a service on the network that gives the CS7002 the opportunity to report all events over an IP network to an OH2000 IP receiver. The advantage of GPRS is that can remain connected to your network all the time without configuring routers or firewalls. The CS7002 will get an IP address from the DHCP pool available at each GSM cell, and the network will then allow you to exchange data whenever you need. A configured poll message can then monitor the connection between CS7002 and the receiver.

For security reasons, you could work with a GSM network provider and set up your own private network.

On GPRS, you usually only pay for the data transmitted. You can negotiate with your GSM network provider to find the best arrangement.

Staying with data communication, the CS7002 fully supports remote up/downloading of all the panel settings by connecting to the IP address assigned to the CS7002. On public GPRS networks, network providers do not allow external connections because of their firewalls, so the CS7002 will have to connect to the remote PC.

Data



If you feel that the download speed of the PSTN is too slow, the CS7002 supports remote up/download connections over the GSM data channel which is a digital channel with a speed of 9600 baud.

The data channel can be enabled by your service provider and will need a second mobile telephone number as the data number. If you don't want to sign up for this extra service, the CS7002 can dial back using the data channel if you initiate the call via the normal voice number. Just call the CS7002 and hang up after 2 seconds.

Also check our other connectivity modules

IP module
CS7050



VMIQ
CS9104



Premises
Connect



ISDN module
CS7501



Voice module
CS535



Listen-in module
CS534



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