

Conettix: Solutions for nearly all applications and transmission technologies



The Conettix family is a complete line of security communication products for intrusion and fire systems.

The Conettix family includes communicator solutions for security systems as well as receiver solutions for monitoring centers. Conettix products give you reliable data transmission over a wide range of transmission paths and formats.

Conettix enables event transmission to monitoring centers and to users as notification messages, as well as data up/download for Bosch panels. It also offers solutions for audio and video verification.

The Bosch name stands for quality, reliability, proven products and extensive market experience worldwide. And the Conettix product line from Bosch Security Systems now delivers the flexibility for meeting virtually all transmission requirements. The open systems approach underlying Conettix is based on nonproprietary transmission technology, enabling full compatibility with both Bosch and third-party products.

The Conettix family consists of:

Conettix Receiver

Receiver solutions for monitoring centers

Conettix IP

Communication solutions for IP-based networks

Conettix PSTN

Telephone network communication solutions

Conettix GSM

Wireless communication solutions for GSM networks



D6100 Receiver



D6600 Receiver

Conettix Receiver: Programmed to receive

The receiver is the gateway to the monitoring center. And the Bosch D6600 and D6100 Receivers are true gateways with extensive functionality.

A major strength is their ability to receive event information in over 76 different formats over multiple transmission paths. Both receivers are compatible with a wide range of automation software solutions available on the market worldwide and can also be operated standalone.

New formats and features are constantly being added to extend the receivers' functionality. It's child's play for you to install new firmware, thanks to the convenient One Button Upgrade functionality. And programming is also very simple to do using either a PC-based software package or the unit's keypad.

D6100 Receiver

The D6100 Receiver comes with a fixed configuration of two PSTN lines. The compact design of the D6100 makes it well-suited for applications such as small monitoring centers, gated communities, security offices or university campuses.

D6600 Receiver

The D6600 Receiver comes configured with four PSTN lines, expandable to 32. This award-winning communications receiver features unmatched processing power in a space-saving package. With additional hardware components, the D6600 supports IP transmission and serves as a wireless receiver. It is the suitable receiver for large monitoring centers.

The outstanding price/performance, functionality and ease of use of the D6100 and D6600 Receivers make them the ideal choice. They give you full flexibility by receiving virtually all kinds of security communication formats over multiple transmission paths.

Conettix IP: Ready for the future

The Internet Protocol (IP) is the worldwide standard for communication over the Internet and private intranets. IP transmission over data networks is now enabling fast, reliable and highly supervised alarm system signal transmission.

Conettix IP is a complete award-winning system for transmission over IP-based networks. It overcomes the limitations of the digital PSTN dialer approach and enables supervised communication at virtually no cost while using only a narrow network bandwidth. This makes Conettix IP the perfect solution for reducing your costs and ensuring more reliable communication at the same time. Thanks to features including end-to-end supervision and advanced encryption, it is also well-suited for high-security applications.

Key benefits of Conettix IP

- **Lower costs**
No additional cost if existing network is used.
- **High security**
Constant network supervision in programmable intervals, advanced Authentication and Encryption supported.
- **High-speed data transmission**
Enables high-speed reporting and data up/download.
- **Convenience**
No annoying interruptions of shared telephone line.
- **Low bandwidth consumption**
Average message size for reporting is 64 bytes UDP/IP package.





Conettix IP solutions

DX4020 Network Interface Module

The DX4020 Network Interface Module lets Bosch security panels communicate over IP-based networks. It transmits event information to the D6600 IP receiver and enables fast data up/download for Bosch panels.

C900TTL-E Dialer Capture Module

The easy-to-program C900TTL-E Dialer Capture Module is the perfect way to let existing panels transmit over IP networks and reap major benefits with a limited investment. The unit can convert reports from a conventional PSTN dialer into an IP package, send it to a D6600 IP Receiver and relay a confirmation message back. In case of network failure, transmission can automatically switch back to the PSTN line.

Benefits

- **Compatibility**
Supports over 20 digital dialer formats
- **Transparent reports**
Transmits full event information from panel
- **End-to-end security**
Supervised delivery

D6600 IP Receiver

This receiver can handle up to 3200 network accounts. A second D6600 can be easily installed to serve as a backup IP receiver. Since the automation software can be connected over an IP connection, the receiver can be installed virtually anywhere.

Conettix IP is the perfect solution for reducing costs while also enabling more reliable, secure communication. It represents a solid investment in the future, particularly since the use of IP technology is growing rapidly throughout the security industry.



DX4020 Network Interface Module



D6600 IP Receiver



C900TTL-E Dialer Capture Module



Conettix PSTN: Standard transmission over telephone lines

Over the last thirty years, the PSTN communicator or “digital dialer” has become the most widely used device for transmitting alarm information, since telephone lines are conveniently available in most locations.

The Conettix PSTN solutions:

Bosch PSTN Communicators

Most Bosch panels include an onboard dialer for PSTN transmission. Bosch also offers standalone PSTN communicators and solutions for secure, supervised communication over European ISDN telephone systems. The PSTN communicators are widely used to provide remote services for Bosch panels.

D6600/ D6100 PSTN Receiver

These receivers can handle over 76 different digital dialer formats and let you configure different format settings for each telephone line. They use advanced DSP technology and CallerID to detect and receive formats faster. The D6600 Receiver also uses DNIS and ANI to further increase the flexibility and help cut costs. The receivers also support two-way audio verification, with the ability to transfer incoming calls to dispatchers.

Conettix PSTN from Bosch delivers the flexible solutions you need for data transmission over standard phone lines.



Conettix GSM: Going wireless



GSM is the technology that underlies mobile phone networks worldwide. It is ideal for wireless security communication due to exceptional network coverage and attractive pricing.

Key benefits of Conettix GSM

- **Increased security with GSM as backup path**
- **Solution for applications without wired connection**
- **Wide range of transmission options**

Conettix GSM solutions

All Bosch GSM products are easily programmable and compatible with Bosch and third-party products.

ITS-300GSM

The ITS-300GSM is the perfect module to let alarm panels with an integrated digital dialer transmit over GSM networks. Alarms are transmitted in either the Transparent Transmission Mode or as an SMS message in the Dialer Capture Mode.

DS900iGSM

The DS900iGSM, with its own power supply plus inputs and outputs, is used when stand-alone functionality is required. The unit can send its own events as an SMS text message to mobile phones and it also supports the Transparent Transmission Mode.

Transparent Transmission Mode

In this mode it is possible to transmit alarm protocols and audio. All reports from the PSTN dialer are transmitted transparently over the GSM network to a standard PSTN receiver.

Dialer Capture Mode

In this case, the report from the PSTN dialer is received by the GSM unit and transmitted in a different way.

By letting you tap into wireless transmission, Conettix GSM grants you more flexibility and reliability for your application.



Tradition of quality and innovation

For over 100 years, the Bosch name has stood for quality and reliability. Bosch Security Systems proudly offers a wide range of fire, intrusion, social alarm, CCTV, management and communication systems and components to help you find the solution for any application. We are the global supplier of choice for innovative technology backed by the highest level of service and support. When you need solutions you can rely on, choose Bosch.

Bosch Security Systems

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Printed in Germany | 11/05 | Printer
AS-OT-en-01_4998146000_03

