

CONETTIX B6800 Central Station Software Receiver



The CONETTIX B6800 Central Station Software Receiver (CONETTIX B6800-SR) is a flexible, modular solution for automated receiving of alarm events from control panels and dial capture devices using the Bosch CONETTIX IP transport protocol through Ethernet or cellular communication. Once received, the user can manually acknowledge the events or the system can pass these events to third party automation systems for further action. The system easily accommodates unique operational requirements, provides broad access to authenticated operators, and allows for easy expansion. The UL certified CONETTIX B6800-SR software is installed on customer supplied commercial off the shelf (COTS) Microsoft Windows computer hardware.

System overview

The main components of the CONETTIX B6800-SR include:

- **System Manager:** central control center for adding and configuring receivers, panel accounts, operators, and output to automation.
- **Receivers:** virtual receivers processing incoming and outgoing messages between panel accounts and automation.
- **Monitor (Monitoring Dashboard):** real-time display of event traffic, system status, and notifications.
- **Automation Simulator:** diagnostic tool for trouble shooting communications to automation.

- ▶ Standard browser-based graphical user interface allows simple and secure operation for concurrent multiple users
- ▶ Directly manage multiple virtual receivers simultaneously
- ▶ Dashboard monitoring of account status, event traffic, and notifications
- ▶ UL certified automated failover ensures no missed events
- ▶ Flexible licensing effectively meets operational needs

The flexibility of the CONETTIX B6800-SR allows for a variety of different installation configurations to meet the unique needs of every central monitoring center. The total number of licensed accounts of 500 up to 10,500 can be used on one or both of the virtual receivers available in the system. The CONETTIX B6800-SR software is installed centrally in Hyper-V on Windows platforms, while operator access is through a web browser. This simplifies the installation and maintenance, while also providing easy and secure access to any number of authenticated Standard and Administrator operators from any network location.

Functions

System Manager

The CONETTIX B6800-SR System Manager is the primary operator interface, easily accessible to all authenticated operators through web browser interfaces. System Manager uses a simple graphical user interface for adding and configuring panel accounts, receivers, automation, operators, and groups. Multiple Administrator operators can simultaneously use System Manager to add and manage panel accounts in real time with no disruption to operations.

Receivers

You can configure 2 virtual receivers in the system with no impact on computer hardware. This flexibility makes it easy to manage groups of accounts for specific customers or types of security

applications on individual receivers. Input and output communication formats and protocols are generally compatible with the existing IP communication capability of the Bosch CONETTIX D6600 and D6100IPV6 receivers.

Monitoring Dashboard

The CONETTIX B6800-SR includes the Monitoring Dashboard application to show real-time event traffic, a list of off-line panel accounts, and status of automation software. Operators can easily view the Monitoring Dashboard through a standard web browser. If output to automation is not available, in-process events will show in a queue in ascending order by date and time. These events can then be manually acknowledged and actioned as necessary.

Automation Simulator

The CONETTIX B6800-SR includes an Automation Simulator diagnostic tool for troubleshooting communication issues between the CONETTIX B6800-SR and other automation systems. The Automation Simulator captures and displays detailed information for each message sent from the CONETTIX B6800-SR.

Failover support

The CONETTIX B6800-SR supports automatic failover in compliance with UL standards. Each virtual receiver can have a redundant receiver with a clustered database, so that if one hardware instance fails, the second one automatically takes over with no loss in event traffic.

Support and Maintenance

Protect your operation with a Software Maintenance Agreement (SMA). The SMA provides access to Bosch's trained technical support team as well as all software updates, including new features and performance improvements, bug fixes, and security patches.

Regulatory information

Region	Regulatory compliance/quality marks	
USA	UL	UL-US-2412819-0 S1871-202403xx-Certificate of Compliance

Installation/configuration notes

Installing the CONETTIX B6800 Central Station Software Receiver is simple and easy. The CONETTIX B6800-SR Installation Wizard guides you through each step of the installation.

Technical specifications

Minimum system requirements for CONETTIX B6800-SR

Processor	Intel Core I7 10th generation or higher
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RAM	16 GB
Storage	500 GB
Ethernet ports	1 port required, 1000 Mbps capable
Operating system	Windows 10 (version 22H2 or higher) Windows Server 2019 or 2022

Product specifications

Account capacity for B6800-SR system	10,500 accounts maximum
Virtual receivers for B6800-SR system	2 receivers provided and installed with system
Account licenses	500, 2500, 10,000 accounts All licenses can be combined: limited to 10,500 accounts
Input IP protocol	CONETTIX
Input message formats (via IP)	Bosch Modem (Ile, IIIa ² , IV) Contact ID SIA DC-03 Pulse 3/1, 4/2
Output to automation	Output protocols: 6500 Mode, Bosch SIA Mode Supports unique automation output for each virtual receiver
Security	Encryption description (NIST AES 128, 192, 256) Anti-substitution/Anti-replay protection Denial of service protection

Ordering information

B6800-SR Software Receiver, 500 Acct, 1yr SMA
CONETTIX B6800 Central Station Software Receiver software with 500 accounts license and 1 year of SMA
Order number **B6800-SR | F.01U.401.727**

B6800-LIC-500 Software Receiver, 500 Acct Add-on
Expansion license for 500 accounts
Order number **B6800-LIC-500 | F.01U.401.728**

B6800-LIC-2500 Software Receiver, 2500 Acct Add-on
Expansion license for 2500 accounts
Order number **B6800-LIC-2500 | F.01U.401.729**

B6800-LIC-10000 Software Receiver, 10000 Acct Add-on
Expansion license for 10000 accounts
Order number **B6800-LIC-10000 | F.01U.401.730**

B6800-SMA-SR Software Receiver 1yr SMA for SR

Annual software maintenance agreement for the B6800-SR base license:1 year

Order number **B6800-SMA-SR | F.01U.401.731**

B6800-SMA-500 Software Receiver 1yr SMA for 500 Acct

Annual software maintenance agreement for 500 accounts:1 year

Order number **B6800-SMA-500 | F.01U.401.732**

B6800-SMA-2500 Software Receiver 1yr SMA for 2500 Acct

Annual software maintenance agreement for 2500 accounts:1 year

Order number **B6800-SMA-2500 | F.01U.401.733**

B6800-SMA-10000 Software Receiver 1yr SMA for 10000 Acct

Annual software maintenance agreement for 10000 accounts:1 year

Order number **B6800-SMA-10000 | F.01U.401.734**

B6800-FS B6800 Failover License

Failover license for server

Order number **B6800-FS | F.01U.415.597**

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