# OH-NETREC-SOFTWARE

**OH NETWORK REC software license for 10000 connections**

## The OH-NetRec

The Network Receiver software serves the proprietary monitoring provider as well as the traditional or contract central stations. The receiver will monitor all alarm activity and control communication using KGS Fire & security IP transmitters in the various panels and devices.

## Alarm transmission

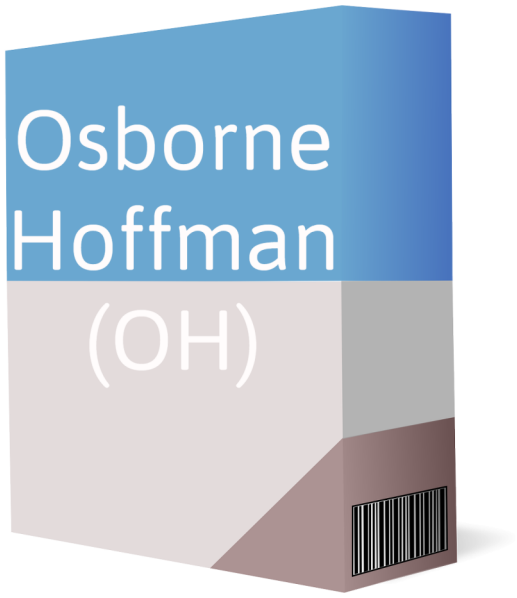
The communication between OH NetRec receiver and alarm transmitters is secured using 3DES encryption. The connection between transmitters and the receivers is continuously monitored using a polling mechanism (heartbeat). Depending on the interface to the automation software (IP versus RS232) and the polling interval the max number of supported accounts is 10,000.
For EN50131 grade 3 environments the reeciver also supports enhanced substitution detection.

## OH-NetRec capabilities

The Network receiver software can effectively monitor up to 10,000 controls with very little bandwidth required.
Multiple receivers may be used to support the dual, split, or backup TCP/IP reporting of the different TCP/IP Reporting modules.
Whether a university, large retailer, or traditional central station, the OH Network Receiver is a powerful receiver handling the finest and most versatile controls in the world.
Either Contact ID, SIA format or X-SIA reporting (ATS only) is supported and all of the major automation providers support the OH protocol and the Sur-Gard protocol (selectable) to send alarm information to automation. Additional signals are generated for Line Faults (alarm transmitter not responding) and substitution detected.
The receiver offers a complete and secure solution for network and Internet monitoring.

## Additional features

The receiver supports callback for up/download purposes when combined with the Multi-User Downloader (ATS8550). In environments where the IP address of the alarm transmitter changes regularly, Up/Download can only be achieved when the IP address is known. As the alarm transmitter is continuously connected to the receiver for supervision purposes the receiver is able to instruct the transmitter to start an up/download session.




## Details

- Java based, supported Windows 10, Windows 7, Windows 8.x, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2 and Windows XP
- Connects over networks using Ethernet with 10- BaseT/100-BaseT
- Heartbeats used to provide supervision of availability as well as substitution detection
- Monitors and supports max 10,000 control panels
- RS232 serial port or IP connection to automation computer
- Supports SIA and Contact ID formats (all transmitters)
- Support X-SIA (ATS1806/1809 or Advisor Advanced-IP and through TDA74xx module)
- Supports both OH2000E protocol & Sur-Gard protocol on the RS232 output
- Supports the OH2000E protocol to MAS Automation over TCP/IP
- Required hardware depends on number of supported accounts

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## Technical specifications

### General

| | |
|---|---|
| Product line | 2X, Advisor Advanced, ATS Master, Axon, CS, ZP2 |
| Segmentation | Commercial |
| Software type | Monitoring software |
| Supported technology | Intrusion |

### Software details

| | |
|---|---|
| Software architecture | Standalone |
| License type | Standard (Basic), Upgrade |

### System requirements

| | |
|---|---|
| Supported operating system | Windows 10, Windows 7, Windows 8.x, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows XP |
| Minimum system requirements | Intel Xeon CPU E5-2620@2,4 Ghz (2 CPUs)<br>16 GB ram DDR3-1600 (RAM speed 12000 MB/s) |

### Automation protocol

| | |
|---|---|
| IP | OH2000E |
| RS232 | Sur-gard MLR, OH2000 |

### Connection supervision

| | |
|---|---|
| Polling | Yes |
| Substitution detection | Yes |

### Up/Download callback

| | |
|---|---|
| Using ATS8550 | Yes |

### PC hardware (recommended minimum)

| | |
|---|---|
| Processor | Intel Xeon CPU E5-2620@2,4 Ghz (2 CPUs) |
| Memory | 16GB |
| Operating system | Windows 7 |
| | Windows Server 2008 |
| | 64 bit |

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