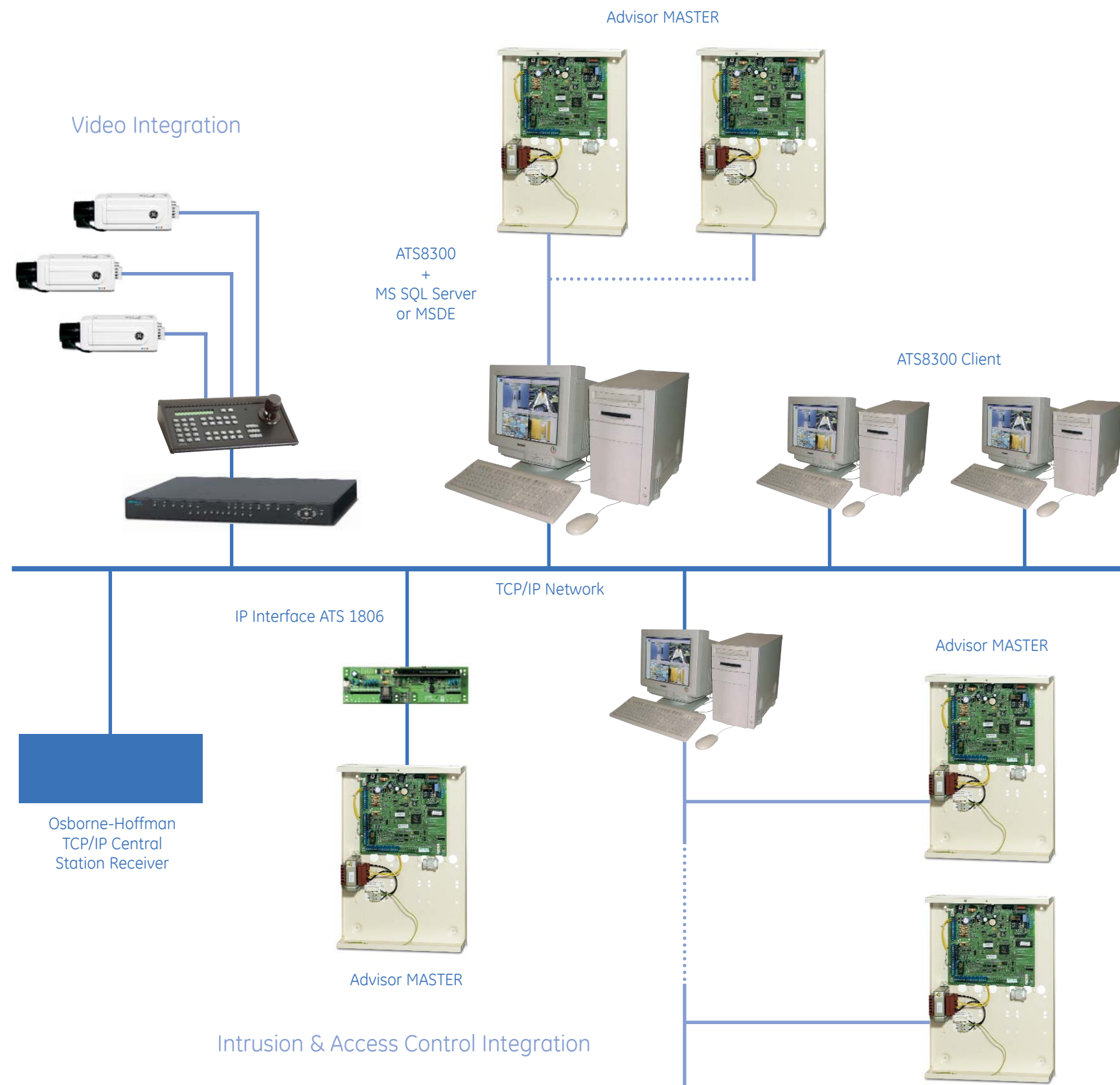


# Alarm transmission over IP



## GE Security Aritech IP Concept

As the security industry moves into the brave new world of networking and Internet monitoring, GE Security Aritech is leading the way.

GE Security has designed a whole new concept in remote communication and control and provides the security industry with a wall-to-wall solution for communication over IP. Our integrated IP security solutions cover IP reporting as well as receiving facilities and the management systems include fully integrated CCTV solution with the option of using TCP/IP for video delivery.

## GE Security products provide:

- Simple installation and configuration;
- Password protected access to configuration data using a web browser;
- Triple DES encryption, AES Rijndael standard and Two-Fish encryption; Built-in firewall with programmable security rules;
- Remote flash for easy upgrading of firmware;
- A gateway between the ATS panel and multiple management systems across the WAN or LAN, Alliance 8300 and the GE Security Network Receiver;
- SIA / XSIA and Contact ID reporting protocols are chosen to meet security industry standards.

The extremely low bandwidth requirements and the adjustable and adaptive poll rate, which guarantees low network load, will be easily accepted by IT departments.

Using IP as the main communication path allows you to benefit from low cost transmission rates. The alternative PSTN, ISDN or GSM communicators can be used as backup in case of any network failure.

## Our Solutions for Now and in the Future

The latest technology integrated on the Advisor MASTER intrusion control panels, will guarantee fully autonomous and secure functionality in all circumstances. The central receiving station and the control panel operate in a server-client configuration over TCP/IP or UDP providing real-time continuous line monitoring. When the panel has an alarm event to report, it uses the open TCP/IP connection with the server and reports the alarm event.

The Universal Interface ATS1806 gives the Advisor MASTER product family a Web and Ethernet based control and connectivity via the Internet Protocol.

As a standard solution for alarm reporting over IP, the Osborn Hoffmann network receiver can receive standard reporting formats and communicate with the Central Station Management Package. The Advisor MASTER control panels can be connected at the same time to any of our management systems.

The TDA3000 interfaces directly on the CD Panel-Dialler bus or can be used with any control panel based on contacts. It signals over a corporate Wide Area Network to Digital FEP's (Front End Processors) located within the alarm receiving centre or any other secure host site. Variable rate polling ensures that network bandwidth is preserved while providing full transmission path supervision, knowing within seconds if your network link is down. For maximum security all routine polling and alarm data is encrypted.

Both solutions have a Surgard DSC MLR2 output format, which can communicate with almost every European Central Station Management Package. This means that there will be no change in the existing user interface for the operator of a Central Station.

We see IP connections for alarm reporting as a great addition to the various reporting mechanisms already available. The choice for IP connectivity should be taken after careful analysis of the specific applications. The various network configurations in both public and corporate environments also need to be carefully considered. Once the specific characteristics for the IT networks are understood, accepted and implemented, we are confident that IP connectivity will become one of the preferred reporting mechanisms.

Our latest technology will help you keep pace with today's - and tomorrow's - growing needs.

**That means the future is secure for all your security applications.**

# Reply form

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I would like to receive more information about Alarm Transmission over IP

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# Alarm over IP (AoIP)

