

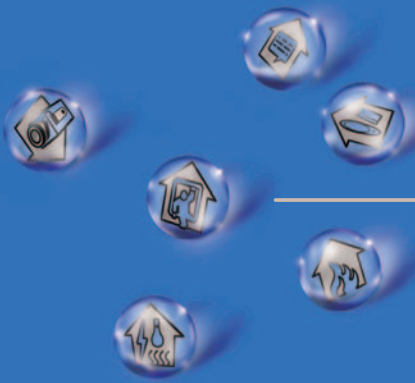
GE
Security

advisor MASTER

software solutions

unrivalled expertise
controls & communications





advisor MASTER

TOTAL SECURITY SYSTEM

feel secure

In a world where growing prosperity is leading to greater technical complexity and increased vulnerability, you need fail-safe, round-the-clock security to ensure the continuity of your business.

The **advisor MASTER** is GE-Security's new family of control panels and peripherals, engineered to become the backbone of your security and designed for commercial applications ranging from high-street stores or professional practices to office and government buildings, banks, post offices, supermarkets, distribution centers, schools and many other locations.

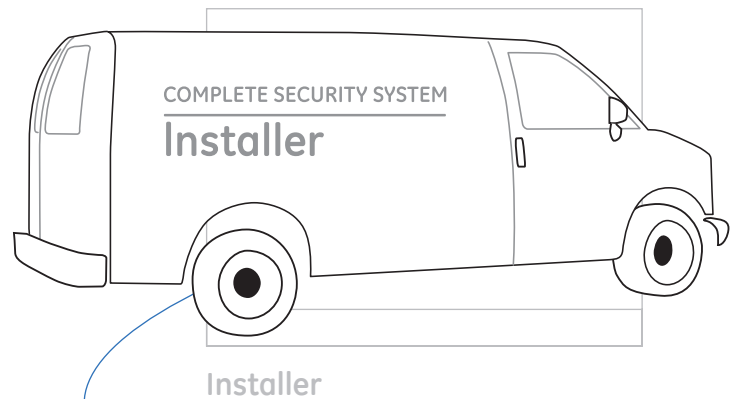
With Intrusion, Access control and CCTV integration in one platform for 7/24/365 effective security, the **advisor MASTER** is flexible to meet any particular needs and designed to expand as your security needs grow. In addition, the **advisor MASTER** family is the first security system that uses a common hardware and software platform across Europe.

And that is security you can feel secure about.

ATS8000/8100 - advisor MASTER management/programming package

The ATS8000/8100 provides a host of Windows features for both the **installer and end-user**. ATS8000/8100 is designed to make **advisor MASTER** system programming easy and simple to do, without the need for complex commands or strings. All the information is entered directly from your Windows desktop. ATS8100 also allows operators to keep check of any changes in their control areas, monitor incoming alarms, doors and zones, and view recorded or live video.

All **advisor MASTER** information and programming is entered via simple to use custom designed windows and is stored in Borland compatible databases. Once all programming data has been entered, the Operator has the option to download the whole database or just a single record to their **advisor MASTER** system. Downloads and uploads can be performed via a dial-up modem, direct serial connection or IP connection.



ATS8400 - advisor MASTER (SDK) development package

The ATS8400 is a set of software components, which encapsulate the contents, and the logic of the ATS Computer Protocol. These software components are enclosed in a set of Dynamic Link Libraries (DLL's), which can be installed on a PC computer running MS Windows and conform to the ActiveX standard.

The purpose of the ATS Communication Engine is to facilitate speedy development of PC programs that need to communicate to ATS Control Panels. No longer must **programmers** study lengthy protocol specification documents looking for information about message byte ordering, frame format or timing. They are all embedded in the ATS Communication Engine, which provides an easy-to-use, event-driven interface to the application.

Developer; Programmer

ATS8000/8100 applications

System Maintenance

Maintenance and record keeping is made simple with a Report facility that allows you to print or display any of the data stored in the ATS8000/8100 database. You can print all the records for a system, or print only the records of one particular group.

Multi-Panel Environment

When an operator creates a new panel, he is presented with a list of new panel templates to choose from. Selecting a panel from the list creates a new panel data already pre-configured exactly as the corresponding default one. This feature is valuable in a multi-panel environment where more than one panel needs to be configured and cloning (copying) a system with one panel is not sufficient.

A mix of different panels could be selected and in a Multi National environment or Multi lingual areas, different language could be selected as well.

Communication

The communication can now be done simultaneously to different systems via different paths - direct or via a modem. The direct communication is done either via J18 service connection or via the ATS1801 computer interface (direct RS232 or TCP/IP via the ATS1806). If a modem is used, the connection can be done in the following different ways: modem multi-ring, modem callback and modem auto-answer. For more information on the communication, please consult the ATS8000/8100 help file.

Video View

This form displays all DVMRs, Cameras and Presets of Cameras available in an integrated system. To see a live view from a camera the user just has to double click on a single icon. This way it has access to the DVMR cameras pictures in two modes: live or pre-recorded. This means that users can watch live video from cameras or recorded video stored by DVMR on its disc.



ATS8400 applications

Programming languages support

Conformance to the ActiveX standard allows for easy use of the ATS Communication Engine in whatever programming language the programmer uses to write the application. Specifically the following programming languages / environments are supported:

- * MS Visual C++
- * MS Visual Basic
- * Delphi
- * C++ Builder
- * Javascript

Communication

The standard set of ATS Communication Engine libraries provides connectivity from the PC to the ATS control panel using 3 types of connection:

- * direct via serial port (RS-232, RS-485)
- * dial-up via modem (call-in, call-back, multi-ring)
- * IP networking via the Universal Interface (ATS 1806)

Thanks to the open architecture of the ATS Communication Engine, it is a straightforward task to add more connectivity options.

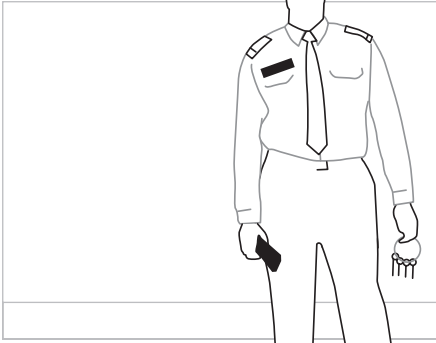
The extensive documentation of the SDK explains this subject in detail allowing the application programmer to easily expand the number of options by writing their own communication components for their specific communication needs.

ATS8300 - advisor MASTER multi-user management package

The ATS8300 is a client-server security system management application with the ability to communicate over a LAN or WAN. It is an Integrated, multi-user, network-oriented, MS Windows**-based, **end user's** tool. The ATS8300 integrates intrusion alarm, access control and CCTV in one easy to use software application.

The ATS8300 puts the **guard** in control of the premises by providing graphical floor plans and icons, alarm monitoring and acknowledgement, real-time access control and live/recorded video. It comes bundled with the card programming software that gives you the ability to program your own cards.

** It runs on Windows 2000 and Windows XP. The ATS8300 works with MSDE or MS SQL Servers. The ATS8300 has a single database, single system and unique panel addresses.

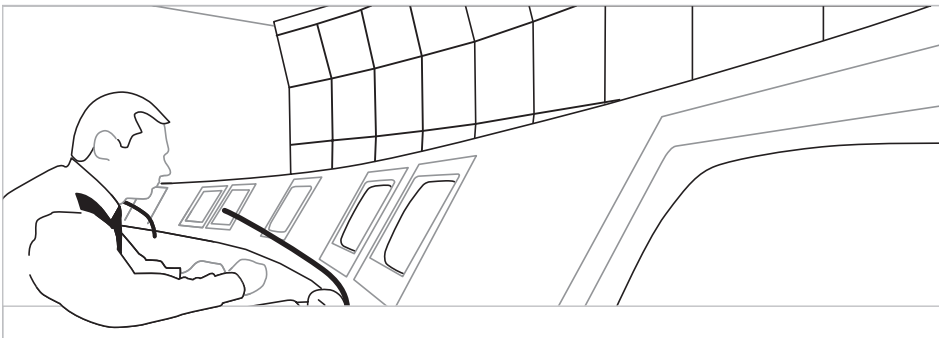


End-User: Guard

OH-NetRec-Software - monitoring station IP receiving front end

As monitoring stations move into the new world of networking and Internet monitoring, our OH Network Receiver Licensed Software, provides the **central stations** with a secure and effective solution to enable them to receive all the information using the IP protocol.

The software package is Windows 2000 compatible and after receiving the information from the site, it feeds it into the management software using the standard Surgard protocol. This means that there will be no change in the existing user interface for the operator in the control room.



Central station:
Surveillance Control room

ATS8300 applications

EVENT-TRIGGERED VIDEO

Event-triggered video records are defined in the ATS8300 from the menu options. It allows you to move up to four PTZ (pan tilt zoom) cameras into pre-set positions in response to specific door/reader transactions and/or alarm transactions. This function can be used, for example, to obtain a video image at a door if someone attempts entry using a badge that has been identified as 'lost', or if an alarm is generated.

In addition, a tag can be automatically sent to the DVR for marking the recorded video and for changing the camera's recording rate appropriately.

ALARM GRAPHICS EDITOR

This option allows you to add icons on graphical map views to point out the location and type of incoming alarms. A map has a background image, which can be a bitmap, a vector drawing, or a combination of both bitmaps and vector drawings, saved in Windows MetaFile (.WMF) or Enhanced MetaFile (.EMF) format. Applications such as Microsoft Visio, Microsoft PowerPoint, CorelDraw, Adobe Illustrator, and many other drawing applications can save images in either format. Using different views and different magnifications of the background, with different alarm, camera, and jump points superimposed, the same background image file could then be used to create a number of different map files.

Digital Video Recorders (DVRs)

The ATS8300 has the ability to integrate with GE digital video recorders.

Using the ATS 8300 system, you are able to set up, control, search, and view live and recorded video directly from your PC.

Code Description

ATS8000 **advisor MASTER** single user management package

ATS8100 **advisor MASTER** programming package

ATS8300 **advisor MASTER** multi-user management package

ATS8400 **advisor MASTER** (SDK) development package

OH-NetRec software - monitoring station IP receiving front end

Addresses

www.gesecurity.net

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GE imagination at work