

GE Security Alliance

Imagine your alarm, access control and video surveillance systems operating in perfect alliance as part of a truly integrated and cohesive security system. No need to imagine any longer. GE's Alliance™ combines all elements of your GE security system on a single management platform to provide a seamless chain of evidence and unparalleled monitoring.



imagination at work

A major evolution in security technology

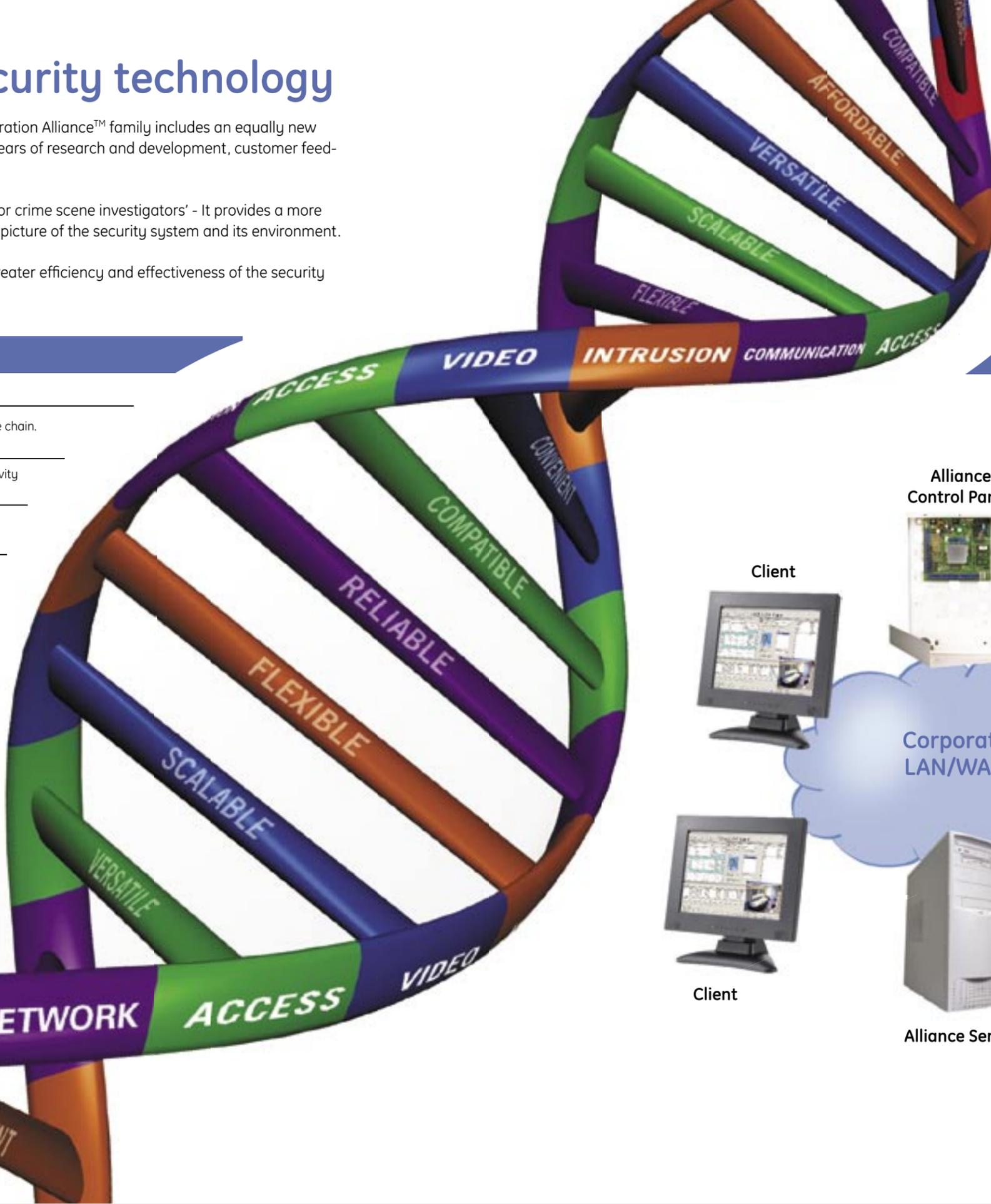
GE's market leading Challenger™ system has evolved. The new generation Alliance™ family includes an equally new generation of hardware and software and is the outcome of many years of research and development, customer feedback and product needs analysis.

Alliance™ achieves for the security manager, what 'DNA testing did for crime scene investigators' - It provides a more accurate analysis of what has transpired, tying together a complete picture of the security system and its environment.

Alliance combines alarm, access and video surveillance to provide greater efficiency and effectiveness of the security function within any organisation.

Why Alliance?

Features	Benefits
Complete integration of video, alarm and access control.	Facilitates a single, seamless evidence chain.
Employee time and attendance.	Monitor employees time and productivity at work.
I.T. Database Integration	SQL back-end allows for integration with other software packages.
Uniquely assigned responsibility	Operator's work area or event monitoring responsibilities can be uniquely assigned.
Event driven IP communications	Lower bandwidth communication minimises traffic on I.T. network.
Multi-Tenancy	Each tenant can monitor and administer it's own area of a shared building.



Event driven communications Low bandwidth and traffic on IT network

When operating on an IT network Alliance holds some additional operational benefits that make the system more reliable than ever. The entire system is event driven rather than regularly polling each component on the LAN (Local Area Network). This ensures very low bandwidth and hence reduced traffic on the IT network.

Typical System Set-up





Integrated Video, Alarm & Access Control

Integration is a term that it is often misused in the security industry, but Alliance™ delivers where other systems fall short, providing a truly integrated video, alarm and access control system. Alliance™ easily replays video footage attributed to a particular alarm or access event, or many inter-related events across a system.

Alliance™ also allows for automatic text insertion into video footage, and can be used by operators as an additional search mechanism. The ability to immediately retrieve video footage of a particular event not only improves response time, but also enables the security manager to generate **'one seamless chain of evidence'** to provide a complete picture of what has transpired.

This translates to a time effective, professional and accurate system, as opposed to a traditional security system where video, alarm and access information must be collated from stand-alone components.

Time Matching of Alarms

A unique benefit of the system is true time synchronisation between the Alliance™ software, the Alliance™ control panel and GE DVMRe™ (Kalatel) digital video recorders. This ensures accurate time matching for evidence collection. It avoids a problem inherent to many systems where different times are recorded against the same event, potentially adversely affecting the validity of the evidence.

Integrated Access and Video

Combining video with access control provides other unique benefits. Alliance™ allows the operator to automatically track a person through a building using video surveillance to capture footage as individuals badge their card against doors and other access points. Tracking an individual can be done in real-time or after the event. This can be done even if segments of the video footage are stored across separate digital recorders.

Integrated Alarm and Video

An alarm monitor window displays a list of all acknowledged and unacknowledged active alarms. Each entry displays the date and time of the latest alarm as well as the number of times the alarm has been triggered.

If an alarm event is tagged to record video footage, a camera icon will display next to the event allowing the operator easy access to view associated pre-recorded, or live footage.

Replay video footage from a Remote Arming Station or Keypad.

If a RAS/keypad is connected adjacent to wall-mounted video LCD monitor, the user can operate the keypad to replay and view video footage attributed to the events recorded in the panel's alarm history log.

Complete System Control from your Desktop PC

Alliance™ software gives the operator complete control over the security system from their desktop PC. The operator can select and control CCTV equipment by simply clicking its position on a graphical map display of the building.

A high level interface between GE's Kalatel range of cameras and DVMRe™ digital video recorders allows the operator to control PTZ (pan / tilt / zoom) cameras and playback video footage from any digital recorder on the system.

Employee Time and Attendance

Alliance also provides fully integrated time and attendance measurement. A proximity card reader or remote arming station/keypad can be programmed to provide clock-on and clock-off times for employees to assist with payroll and other personnel management, including HR information. The system has a built in report which can provide information to management about a particular shift, employee work history, hours on-site and off-site.

IT Database Integration

Integrate your security system with other software on the organisation's IT system. Alliance™ uses an SQL database, and with the appropriate IT training and accreditation the user can create their own custom reports and output data to any format including Microsoft™ Word, Excel, or even as a web page.

The SQL backend also enables Alliance™ to be integrated with other systems on the network. In the example of an integrated university, the students time for enrolled class or lecture times could be cross referenced to their access to the relevant rooms.

Direct database integration with payroll systems for time and attendance is another striking capability.

Define Operator Responsibility

The software allows the administrator to provide access rights to individual users on the system, including which areas they can view, manage, or generate reports from.

The benefits of these features are tenfold for security managers trying to ensure effective allocation of operator workload and job specialisation.

Particular operators can be assigned to monitor particular areas or event, types ensuring greater focus on high-risk critical areas and restricted access to monitoring of sensitive areas by those with a higher level of security clearance.

Multi-Tenancy

One Alliance™ system can handle an entire multi-story, multi-tenant building allowing each tenant to monitor and administer their own areas including shared areas such as lifts, fire escapes or ground floor lobby. By ensuring tenants can only view their own areas and those that are shared, the privacy and independence of other tenants on the system is protected.

Alliance™ Training & Accreditation

GE Security recognise the strong desire within the industry to be 'ahead of the game' and move with technology. The Training required to commission the new generation technology is provided by the partnership of GE Security and Drake Training.

Core Product training is provided by experienced GE or GE authorised providers, while I.T. training including Windows, SQL Database and other high level I.T. training is carried out by Drake.

Potential clients can check with GE Security to ensure their installer is accredited to the necessary level before awarding them the job.



One Manufacturer One Total Solution

GE Security are providing Alliance™ Software and Hardware direct to the installer. Pricing to the installer, direct from GE [the manufacturer] is extremely competitive for the customer when it involves a total GE solution that includes video surveillance.

GE Security and its Video System Group are targeting large and small organisations, especially when the customer requires Video and Access.

GE Security also design and manufacture GE IFS Advanced Fibre product, GE Aritech Detection equipment and GE Sentrol Reed Switching equipment providing a total one stop, end to end capability,

Alliance™ is one of many new exciting security technologies being developed by GE globally.



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