



STARWATCH™

INTEGRATED SECURITY SOLUTIONS

Currently utilized at some of the most secure locations in the world, including US military bases and the Pentagon, the StarWatch platform provides forward-looking solutions to counter today's newest security threats. Comprising a full suite of hardware and software modules, StarWatch command and control systems incorporate conventional access control, intrusion detection, and video management while seamlessly integrating the sophisticated data presented by the latest generation of security technologies.

An open architecture approach allows for the design of cohesive sensor networks by providing direct, real-time connections to peripheral sub-systems and devices, including thermal cameras, long and short-range radar, and chemical, biological, radiological, nuclear, and explosive (CBRNE) detectors.

SYSTEM FEATURES

- Automated decision-making at all system levels via innovative distributed processing model
- Dynamic GUI supporting multiple real-time views with overlay capability
- Direct compatibility with third party cameras, radars, and CBRNE sensors
- Intuitive navigation of coordinated alarm information
- Flexible access control design supporting latest smart card and biometric identification technologies

PRODUCT LINE OVERVIEW

DAQ has optimized StarWatch for the clear, application-specific presentation of complex sensor information, moving beyond the traditional process of simple data translation.



StarWatch enables the seamless integration of today's most advanced surveillance and detection technologies

Facilitating efficient threat notification and management, a powerful graphical user interface (GUI) enables the accurate, real-time viewing of critical security information, such as infrared camera imagery, GIS-based radar targets, biological and chemical plume flow, and explosive and radiation types and amounts. The result is a state-of-the-art security environment offering an immediate response to alarm situations in applications ranging from small, stand-alone systems to complex, multi-site installations.





DISTRIBUTED AUTOMATION

Through an innovative, high-speed communications interface, the StarWatch front-end operating system collects information from geographically dispersed devices, processing data locally and transferring relevant messages to centralized workstations. Using automated alarm management features, operators command a wide range of supervision and control options and maintain complete situational awareness. Advanced display technology, including GIS-based graphics and real-time video with point/tilt/zoom functionality, is fully supported. Further enhancing cohesion with existing on-site security hardware and processes, StarWatch can be networked with visitor and facility management databases.

A sophisticated user interface incorporates cooperative views and simple workflows for alarms and graphics



StarWatch provides security personnel with the information required to make rapid, effective decisions without the need to interpret raw alarm and event data. Immediate reactions to intrusion attempts and atypical system activity are initiated through pre-determined alarm sequences and threat response routines with operator auditing capabilities presented for current and historical alarms.

SUPPORTING DEVICES

Along with security operating systems, StarWatch technology encompasses flexible monitoring and control devices that perform a diverse array of functions, from simple portal supervision to the fusion of data from multiple exterior components and intrusion detection sensors. The modular design of these devices enables DAQ engineers to develop systems that precisely match the requirements of virtually any security scenario and easily facilitate future expansion.



StarWatch field panels are capable of communicating with intelligent devices in their native protocol, allowing true, real-time connections to any sensor or sub-system used in a facility

A line of network controllers provides a versatile, intelligent communications interface for alarm panels and access control units, with support for numerous security zones and access levels. StarWatch door controllers and access/secure keypads offer secure management of entry/exit portals and are compatible with the most widely used card reader technologies.

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