Access Control

Video Management

INNOVATIONS IN SECURITY FOR YOUR BUSINESS

Alarm Management

Central System Management

IMRON
CORPORATION

IS2000 CONSOLIDATED SYSTEMS

The IS2000 family of software and hardware meets the growing requirement for "Open Architecture" system database management and "Open Protocol" electronic hardware. Each IS2000 system uses a single server, multiple servers and/or redundant servers allowing your system integrator to provide you with any level of system management with any level of physical security management, response and verification that your business needs to be secure and grow.

Our distributed intelligent network architecture, allows access and security management decisions to be made correctly and stored even if communication to the main computer system is lost.

Every Graphical User Screen is designed for ease of use and intuitive interaction with system operators and administrators. Learning the system is simple and support of the installed base has a proven record with over ten years of in-use operation.

IS2000 Software applications are natively written for Windows XP/2000/2003 operating systems and support multiple field hardware products. Our fully distributed field hardware means that the panel database, panel configuration, timing and control functions are transmitted to a system level field processor and from each processor to the field device controllers that locally manage secured areas.

A single system processor may be implemented to support up to 128 card readers in an area building or site. The feature benefits that are integral to the hardware and software of the IS2000 products are reliable, cost effective, save your integrator installation time and offer you lower cost of ownership. You need to see this product first hand. Contact you local security dealer for more information.

Interactive and Multi-Media Help

INTEGRATED ACCESS CONTROL

The number of cardholders in a system is user defined and the total number of management devices is based on the number of field processors connected in each of the multiple regions supported in the IS2000.

The system GUI provides the interactive media between the operator and the system where all of the data entry requirements under each of the system data management icons is incorporated. The true benefit here is a single system provides all of the services necessary to incorporate badging in your system offering.

Any industry standard access reader and card technology is supported and the user can define multiple card formats and support up to eight simultaneous card formats.

Industry standard computers are used for badging workstations and operator terminals. A complete badging system is available in the IS2000, including an industry standard signature interface and printer.

INTEGRATED ALARM MANAGEMENT

When an alarm is activated what happens? What's next? Who's responding and how? Who is notified? Who's in charge?

All of these questions are real concerns when alarm monitoring is required in a system. Typical access control products do not have an alarm management component, requiring the user to look to a separate provider for this very vital security tool.

The concern for all of these questions is answered in just a few words, the user! The system user knows what they want to happen when an alarm is activated and they know what should happen next, who will be responding and how and who is to be notified and placed in charge in any event or emergency. This level of user flexibility, to configure site management and response, is a standard part of the IS2000 alarm management module.

Since our field processors are fully distributed, Triggers and Macros are downloaded with the user database for local management at the system processor level. Since the IS2000 utilizes a regional system configuration, even a small site can configure multiple response and data entry locations and link from one site to another if a failure to respond is detected. This assures that the database is protected and the alarm response is fully managed with automated controls.

Benefits
- Integrated Alarm management with access point and facility keypad 'Open' 'Close' requirements.
- Links with most popular Central Station Receivers
- Integration with most CCTV switchers via RS232
- Integration with Fire Panels for alarm annunciation
- Centralized alarm point monitoring and response
- Centralized alarm management and device control
- Consolidated Reporting
- Lower Cost of Security Management
- Full Alarm Video Verification upon Alarm

'Open' and 'Close' managed for every facility in a system.

INTEGRATED VIDEO MANAGEMENT

Another benefit with alarm management is Digital Video Alarm Verification (DVAV). To accurately identify activity or non-activity associated with an alarm and/or system event, reported to a system operation, a secondary verification is often required. In typical cases, a response is called and a second person or outside dispatch is accomplished while the operator waits to determine disposition of an alarm or event.

Today, knowing what occurred and what is occurring is vital to maintaining site security and response. The IS2000 incorporates a digital matrix product that offers both web based and analog camera management. With a digital link remote cameras can automatically activate to display an active area to an operator, at the moment they begin their response. Almost immediately an operator views the area and if all is normal at that instant the operator can call back the digital database to view stored activity showing the area or points at the time the alarm or event was activated, pre-alarm.

Digital Video Management allows the user to link their corporate network or design their own local or wide area network to bring high level response with video verification into their security management program, and at a fraction of the cost of conventional DVR applications.

Any analog camera can be linked into our web server hardware where optimal audio and video synchronizing technology provides immediate imaging to your system operators.

The IS2000 supports multiple matrix switchers and digital video systems for our users and integrators. Designing a system with IS2000 is simple and can incorporate most existing devices into a single fully managed system.
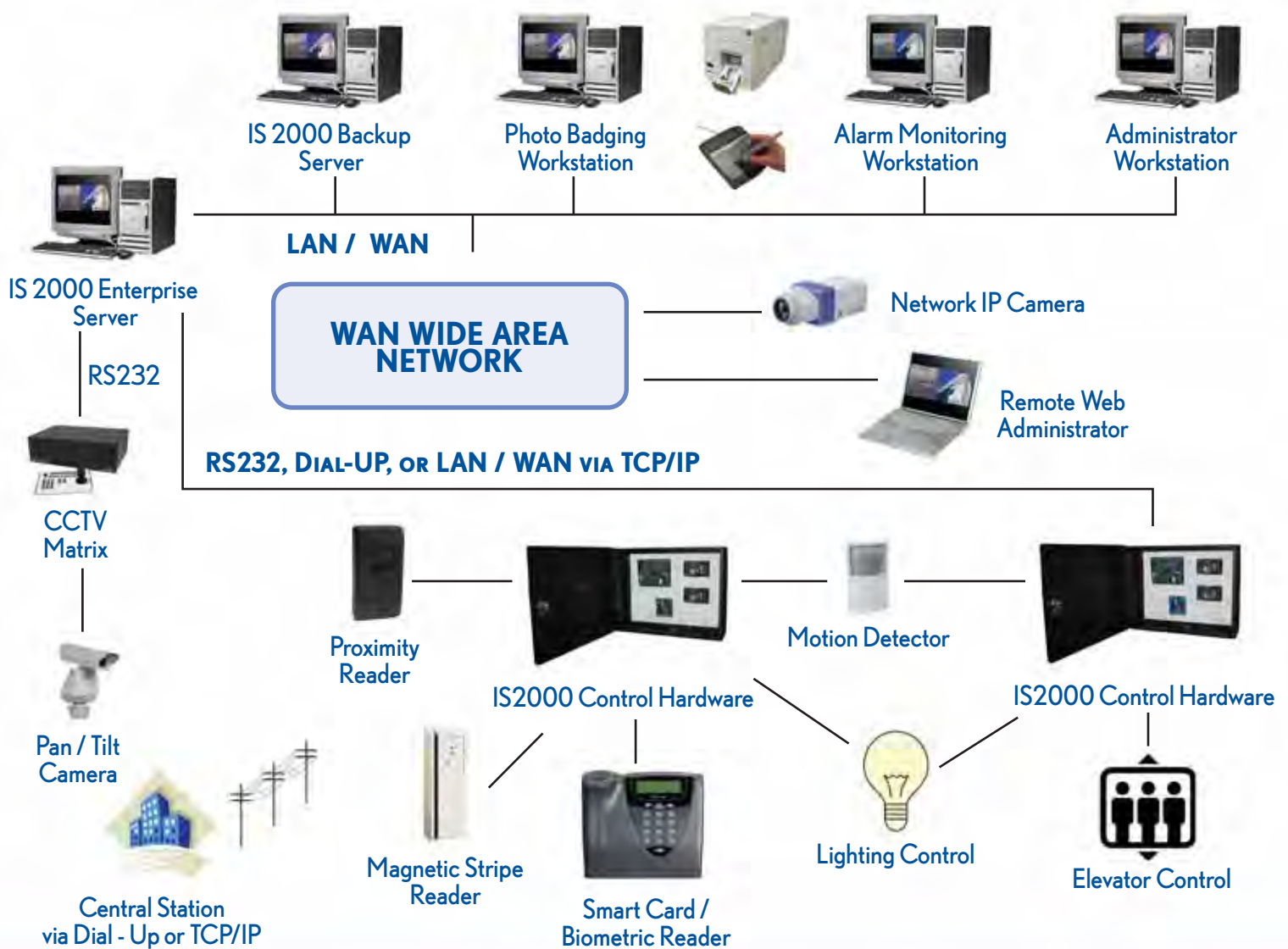
Single response stations have access to video graphics as well as digital video to manage every event and/or alarm generated in the system with full management over the site.

IS 2000 Backup Server · Photo Badging Workstation · Alarm Monitoring Workstation · Administrator Workstation

IS 2000 Enterprise Server

LAN / WAN

RS232

WAN WIDE AREA NETWORK

Network IP Camera

Remote Web Administrator

RS232, Dial-UP, or LAN / WAN via TCP/IP

CCTV Matrix

Pan / Tilt Camera

Central Station via Dial - Up or TCP/IP

Proximity Reader

Magnetic Stripe Reader

IS2000 Control Hardware

Smart Card / Biometric Reader

Motion Detector

Lighting Control

IS2000 Control Hardware

Elevator Control

Founded in 1997, Imron Corporation is a major provider of Security Management Systems to brand name manufacturers around the world. Today, the IS2000 suite of scalable products is also available directly through systems integrators, providing advanced access control, alarm monitoring, CCTV interfacing, digital video surveillance, and seamless integration for multiple third party systems.

Imron Corporation, a proven creator of licensed private labeled systems, is a recognized leader for systems integration and development with customers worldwide.

Early products were first used by large-scale facilities to bridge the gap between separate systems from various manufacturers. These successes lead to the creation of private labeled systems and software for manufacturers to sell under their own brand names, providing integration solutions to large proprietary dealer groups.

Imron Corporation now provides complete system solutions direct to systems integrators, combining its state of the art software and field proven and reliable hardware in one value conscious package, the IS2000.

Our commitment is to bring tomorrow's technology today, using reliable systems and components that our customers count on every day. With more than 100,000 total control panels installed and MTBF (mean time between failure) of greater than 1 million hours, the heart of the IS2000 has twice the reliability of most commercially available PCs and hard drives.

For more information on Imron Corporation Systems, please contact us directly or speak with your Authorized IS2000 Systems Integrator.

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