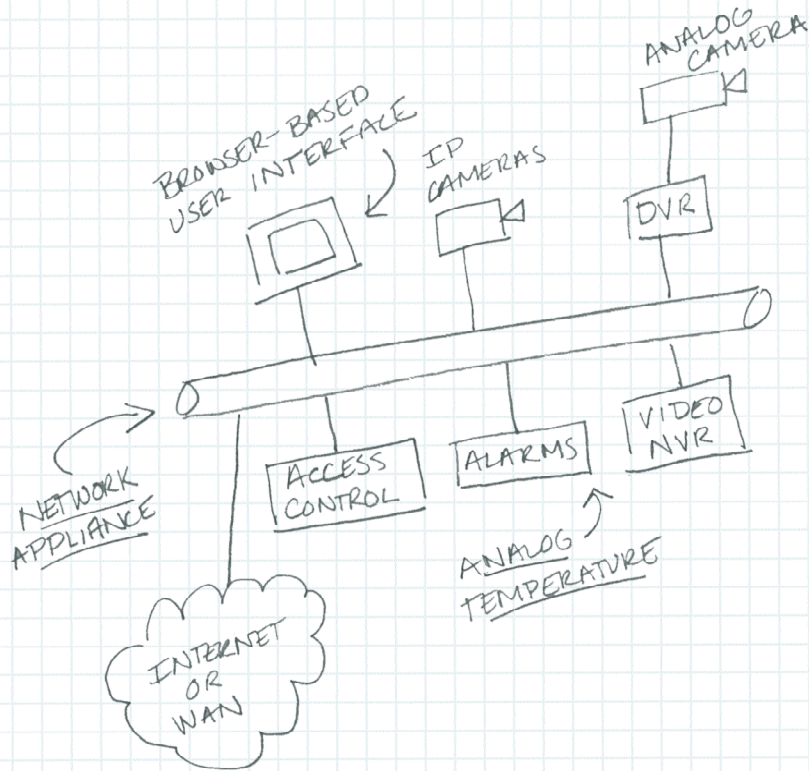


S2 NetBox™

Enterprise security management system



S2 SECURITY CORPORATION



Integrated security for an IP-connected world.

Start with a clean sheet...

The system designers at S2 had a clear vision: set aside the 20 year-old design patterns used by other integrated systems in the market today and start over—with a clean sheet.

Our goals were to:

- Make the system truly open; don't force the customer to buy from a single reseller or manufacturer.
- Utilize the resources that the system owners already have: networks, web browsers, installed card readers and cameras.
- Focus on minimizing the cost of the system—not just the purchase cost but the entire life cycle cost.
- Recognize that facilities can be large or small.
- Understand that enterprises may have a mixture of both; that they can be staffed or operate unattended.
- Realize that systems require maintenance but don't require that it be done on-site.

And, most of all make the system ultra-reliable. Remove the moving parts so there is nothing to break. Don't install client software that can conflict with or be conflicted by other software.

Superior Total Cost of Ownership

When compared with other systems, the S2 NetBox offers a superior total cost of ownership (TCO). At the initial purchase, the S2 NetBox typically costs the same or less than other systems of comparable scale. But that's where the similarity ends:

- Significantly reduced cost of installation due to the advanced, 3rd generation network architecture;
- Minimal training and operating cost due to the easy-to-use web browser-based interface;
- Vastly reduced cost of maintenance which is typically performed offsite, over the LAN, WAN, or even the public Internet. Even software updates are performed online;
- Solid state design means no moving parts to wear out.

Throughout its entire life cycle, S2 NetBox systems simply cost less to own.

A truly open platform.

Unlike older generation products on the market today that may claim to be open, the S2 NetBox is a truly open platform with readily available APIs and data security built into the communications architecture.

- The S2 NetBox manages its API transactions through a web service that communicates using XML data packets with embedded authentication codes.
Despite the advanced programming capability offered by the S2 NetBox API and database management system, most users will never need them.
- The S2 NetBox can automatically write transaction data in spreadsheet format to a designated network-attached PC.
- The available data migration tool allows import of personnel data from other systems without any programming at all.
- As with other sensitive components of the S2 NetBox, enabling the ODBC service and setting the database password are done by the user.
- Custom applications do not need the full power of the API can use the ODBC-compliant embedded database on the S2 Network Controller directly.



Scalability for the widest application range.

Security systems are typically designed for large applications or small ones. Often the large ones are feature rich but very expensive. The small ones may be economical but they lack features. The S2 NetBox is a new class of system.

- Every S2 NetBox is full-featured, bringing sophisticated capabilities to small and large applications alike;
- Applications scale by simply adding additional S2 NetBox hardware anywhere on the network;
- Optional software modules integrate advanced functions such as photo ID production, retrieval of stored video, and more.

S2 constantly adds additional standard and optional features to the S2 NetBox platform. Third party solutions including data security integration are also available to integrate with the S2 NetBox.

Freedom from the constraints of geography.

You may be familiar with systems that have to be operated from a single location or have their components located a particular distance from a server. Not so with the S2 NetBox – geography just doesn't matter.

- Users can be located any place that the LAN, WAN, or public Internet can reach. That means that systems can be operated remotely, centrally, or locally;
- System components can likewise be located anywhere on the network;
- S2 components self-secure, assuring that communications over shared network segments is protected against tampering;
- Customer service is delivered online, reducing the time to resolve customer issues to a minimum and making the experience much more comfortable.

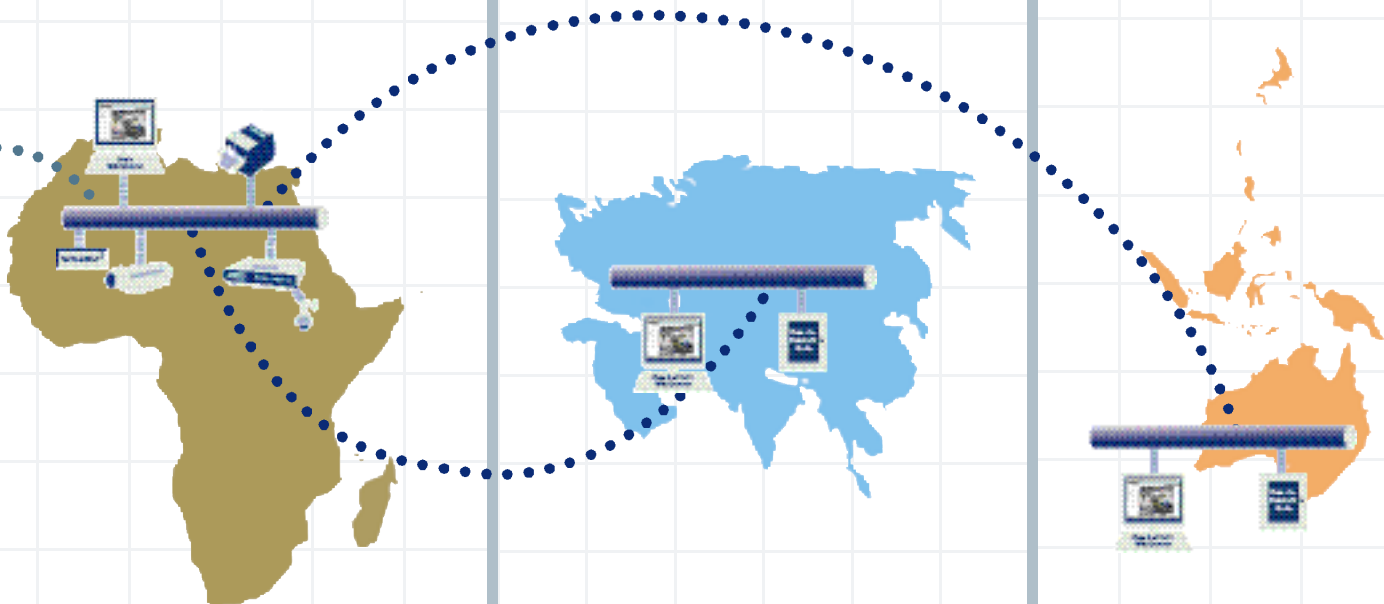
S2 NetBox systems contain a host of additional capabilities designed to enhance user mobility and flexibility of configuration, eliminating the need to be tied to any particular location.

Unsurpassed quality of service.

While most users will never need to call upon our customer care team, those that do receive an unsurpassed level of service.

- Support technicians are live, available, and located at our engineering center steps away from technical engineering staff that can answer any level of question;
- Online collaboration software built into each S2 NetBox links users, support people, and integrators in real time, cutting investigation time to a fraction of what it would otherwise be;
- Downloadable software updates can replace all software in every system component in a single operation.

At S2, respect for our customers' time is as important as any other aspect of our business.



The S2 NetBox is the first integrated security management system to offer an open platform, solid state network appliance architecture. With the S2 NetBox, you can create systems that scale from small buildings or offices to global enterprises – all with a common set of components.

Capabilities of the S2 NetBox include:

- Access control
- Identity management and photo ID
- Event and alarm monitoring
 - Alarm panel integration
 - Temperature monitoring
 - Video surveillance
 - VoIP intercom
 - Historical reporting



Architecture

- IP-based, solid state open platform network appliance
- User interface completely browser-delivered
- Zero footprint means no client software installation
- Fully distributed ODBC-compliant database
- SSL and SHA-1 data protection
- Modular system expansion with graphical setup
- Network secure API and available SDK
- Linux operating system on network controller

Access Control

- Integrated photo ID system with video verification
- Dual reader support with optional keypad
- Elevator access control
- Programmable access rules by threat level
- Multiple cards per person and multiple card formats
- Freeform history report specification
- Card format decoder discovers unknown formats quickly

Event Monitoring

- Monitoring Desktop integrates video surveillance
- Event annunciation with color, sound, and video
- One-click video event recall
- Video recording on event detection
- Graphical floorplan display
- Event actions programmable by threat level
- Email and SMS messaging to mobile phone on alarm activation
- Integrates common central station alarm panels

Video Management

- Seamless integration with access control and alarm functions
- Single user interface for digital video recorder (DVR), network video recorder (NVR), and IP camera display
- Automatic video callup on event initiation
- Video motion detection generates system events
- One-click access to historical video
- Integrated camera telemetry functions in all displays
- Video recording integrated with access control

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