S2 pronto Product Information

Feature Summary

- 100% Web user interface supports common browsers
- Wizard-driven 5 minute setup from power-up to card read
- Based on industry leading S2 NetBox software
- Supports proven S2 Security Network Nodes and MicroNodes
- Single cabinet design with expansion space for 4 blades
- Supplied external 12VDC power supply
- Multiple simultaneous users
- System "landing page" shows full system status at a glance

- Novel auto-monitor shows abnormal activity in the system
- Usable from iPhone, iPad, or other mobile devices
- Live camera viewing with one-click to display full screen
- Dynamic text filtering of activity log entries
- Widget Desktop support for customized monitoring display
- Automatic daily data backup to NAS, SAN, or FTP-based storage
- Built-in documentation library with web browser access
- 100% solid state design for superior longevity in the field

Product Overview

The S2 Pronto delivers a high performance integrated security system in a web-based network appliance. Ideal for small to mid-sized commercial and high end residential applications, *Pronto* is based on S2 Security's S2 NetBox software, proven over hundreds of thousands of operating hours in the field. The system integrates credential-based access control, intrusion detection, and video surveillance for a single facility, delivering a unified management and administration interface to your web browser.

S2 Pronto offers powerful features, yet its user interface is intuitive, highly graphical, and simple to use. Configuration is guided by

wizards in the software, and complete user and installer documentation is built in. Because users of *Pronto* require nothing more than a standard web browser, it is simple to operate the system from almost any computer including many cell phones and mobile devices. Multiple users can operate the system simultaneously.

Pronto is a 100% IP-based product. Users connect their web browsers over the network. Compatible intrusion detection and video management products are connected over the network, as well. Other
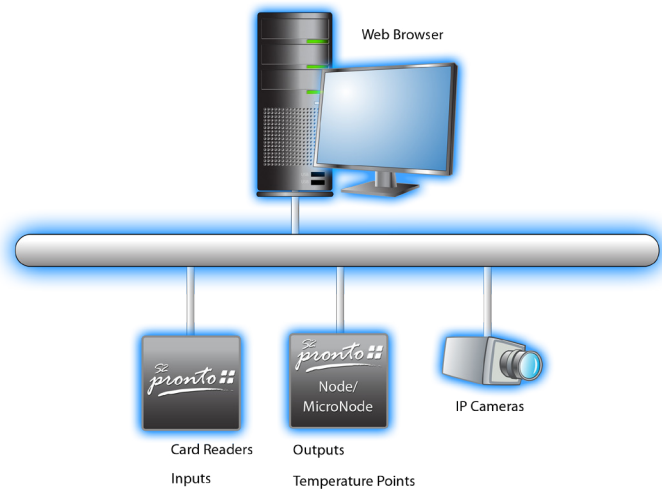
S2 Pronto uses your network to minimize cabling .

than terminal connections for access controlled doors and intrusion detection points, an IP network is all of the connectivity the system requires.

Pronto is provided in an enclosure that includes the *Pronto* network controller, an Access Control Module, and space for up to three additional modules. Add-on modules are available to support two full portals (2 readers, 4 inputs, and 4 outputs), 8 inputs, 8 outputs, or 8 temperature points. Installers can mix and match blade types to achieve the required mix for their applications. Further expansion is easily obtained by adding additional nodes or MicroNodes to a limit of 32 readers, 128 inputs, and 128 outputs.

S2 SECURITY

Up and Running in 5 Minutes

Ease of use, especially for the occasional user, is a major benefit of the S2 Pronto. The *landing page* gives users a familiar place to start for any system function. Icon buttons, suitable for use with touch screens and mobile devices, easily guide users to commonly used functions. A unique *auto-monitor* displays abnormal system status, automatically clearing as conditions resolve. A text-filtered activity log can be searched at any time, and a virtual video monitor displays full screen with a single mouse click.
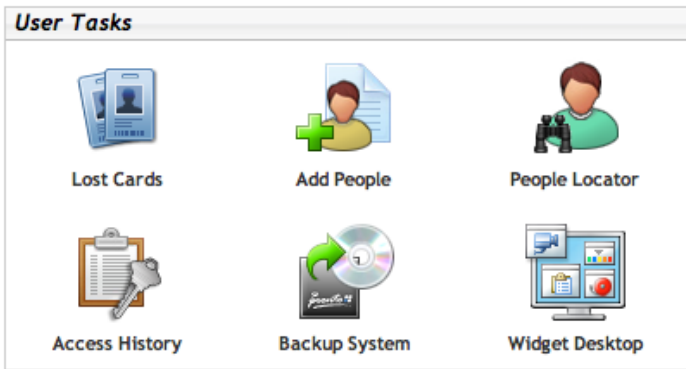
There is no hunting for buried commands in S2 Pronto.

Setup, often cumbersome in security systems, is a snap. During setup, *Pronto* automatically locates network nodes and MicroNodes on its local subnet, allowing them to be statically or dynamically addressed. Wizards further speed the setup by creating access control alarms and configuration parameters. By following a few simple steps, *Pronto* can be brought from power-up to the first access card read in about five minutes.

A Complete Solution

S2 Pronto is a *complete* solution. In addition to providing rich applications for physical security, *Pronto* handles system management chores ranging from installation through upgrade. The Data Management Tool (DMT) can be used to perform initial data loads from a simple CSV file. Every night, data backups occur automatically and write their results to flash memory with optional duplicates written to NAS or an FTP server.

As easy as the system is to use, should there ever be need to consult the documentation, a complete reference library is included built into the user interface. Software updates are available electronically, and are easily applied locally or remotely.

And, if users ever outgrow the capabilities of the S2 Pronto, it's comforting to know that it can be field-upgraded to S2 NetBox or S2 Enterprise, retaining all the installed field hardware.
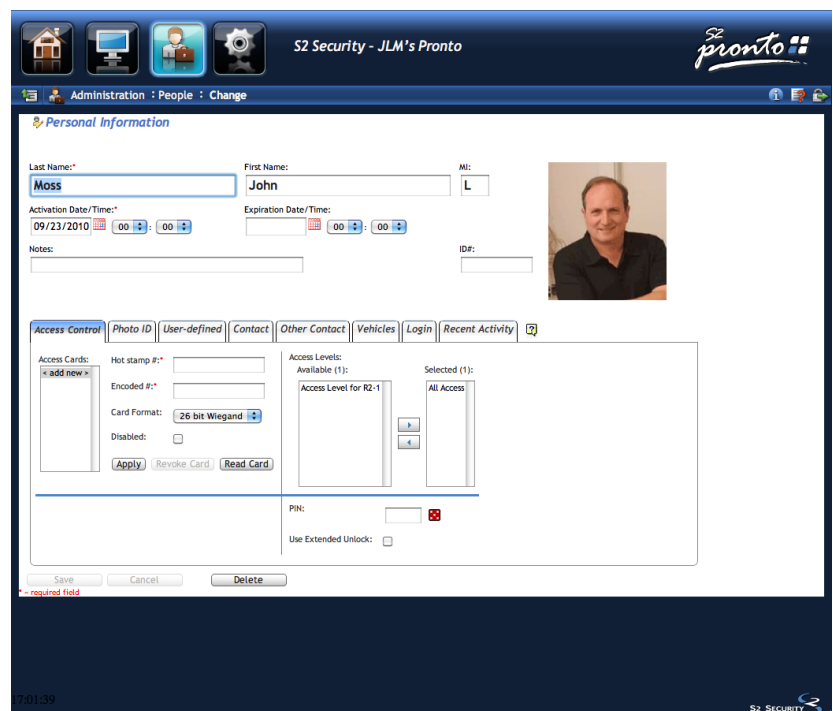
Access Control Application

The heart of *Pronto* software is its advanced access control system. Data about access control credential holders, called *people* in the system, is stored in a SQL-compliant database. In addition to access privileges, each *person record* optionally holds information about vehicles, personal data, and office directory data. The *query facility* lets you quickly locate one or more records that match your stated parameters.

A person's access privilege takes the form of one or more *access levels* which specify the locations and times that access is permitted. Access levels can be created by hand or automatically by the portal creation wizard. One or two access levels will suffice for most systems, but person records hold up to 32 of them, allowing a unique access level for each portal if so desired.

Every access processed by the system is recorded in a historical archive for later review, should that be desired. An access history report offers immediate access to this archive with various selection and sorting criteria.

Pronto hardware supports a wide range of standard cards and readers, and handles mixed populations with credentials from multiple sources as well. The typically tedious task of determining card format and facility code is automated with the *card format wizard*, which does that configuration automatically based on a card read. S2 Security offers uniquely ID'ed proximity access cards and a selection of readers that are certified to work with the system.
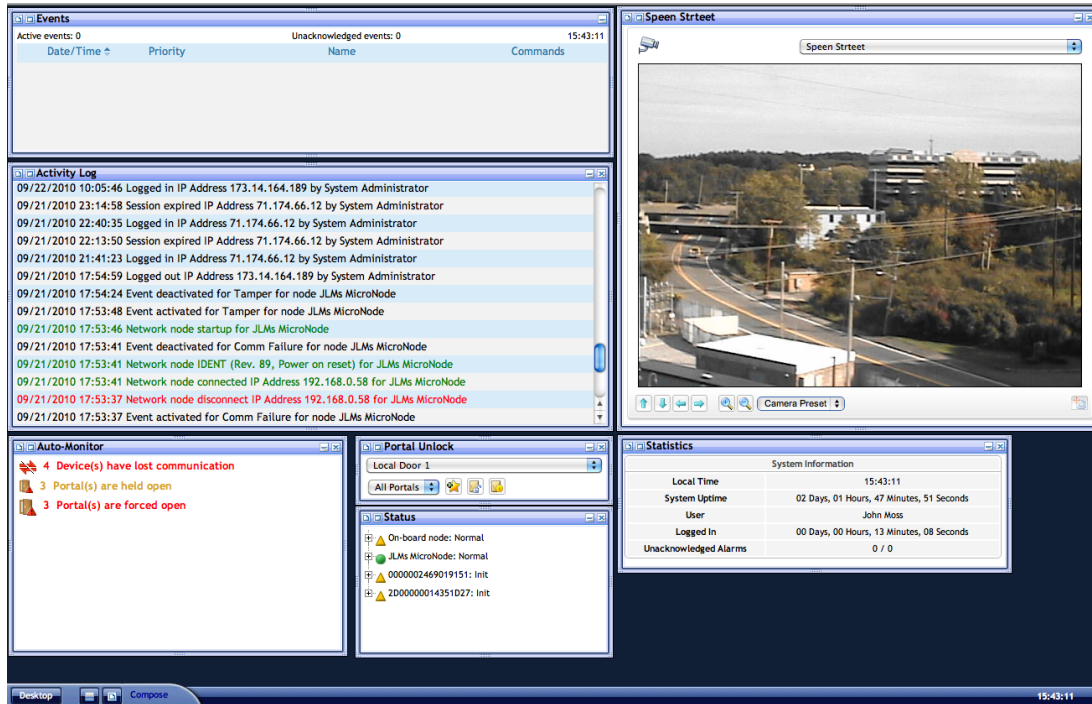

Managing an access control population is intuitive and highly graphical.

Monitoring Application

S2 Pronto seamlessly blends the monitoring for access control, intrusion detection, and video surveillance into a single user interface. S2 Security's signature widget desktop lets users design their own monitoring and management displays that operate in real time.

Central station monitored intrusion detection[†] is incorporated into Pronto through its interface with DMP's XR500 series alarm pan-

Video Application

S2 Pronto offers live viewing of network-attached IP cameras. A number of camera types have built-in support, and the system offers advanced viewing controls for compatible cameras from Axis Communications and IQinvision. Advanced viewing delivers camera video through the web browser at higher frame rates without using excessive bandwidth in most situations.

Video is available from the landing page, monitoring desktop, and widget desktop. On the landing page, video scales with the size of the display, and one click instantly enlarges the video to full-screen for easy viewing. On the widget desktop, the familiar drag-to-resize gesture expands of shrinks the video display as desired. In all views, telemetry controls are provided on-screen for cameras that support them.

Cameras for which support is not built into *Pronto* can be added through a command in the user interface that accepts the camera manufacturer's control strings.

The Widget Desktop seamlessly blends access control, intrusion detection, and video monitoring in a single display.

els. Users can monitor the alarm system, arming and disarming as required, while the central station dispatches first responders as necessary. Alarm panel status can be monitored and changed from the included *alarm panel widget*.

The *activity log* displays all system activity as it happens. The log can be dynamically filtered by typing filter text, and the log immediately responds. Entries in the activity log include embedded links so, for example, simply clicking on a person's name in the log immediately displays the system's record for that person.

A wide variety of system events can be monitored, and system status can be seen at a glance in the *Auto Monitor* where you can find out more in *zero* clicks; just slide the mouse over an item to see the details of any item. For events that require acknowledgement by a user or for which there are detailed instructions, the system provides an *event widget*. With it, outstanding events are displayed and can be sorted, acknowledged, and details reviewed.

S2 Pronto for the Long Term

S2 Pronto is 100% solid state, and with no moving parts, there is little to break or wear out. The hardware has a calculated MTBF of 125,000 hours - well beyond the life of any hard disk or PC. But even if it lasts a long time, it won't grow old. Like all system products from S2 Security, *Pronto* constantly receives new features and product enhancements, available as optional software updates that can be installed with a single command.
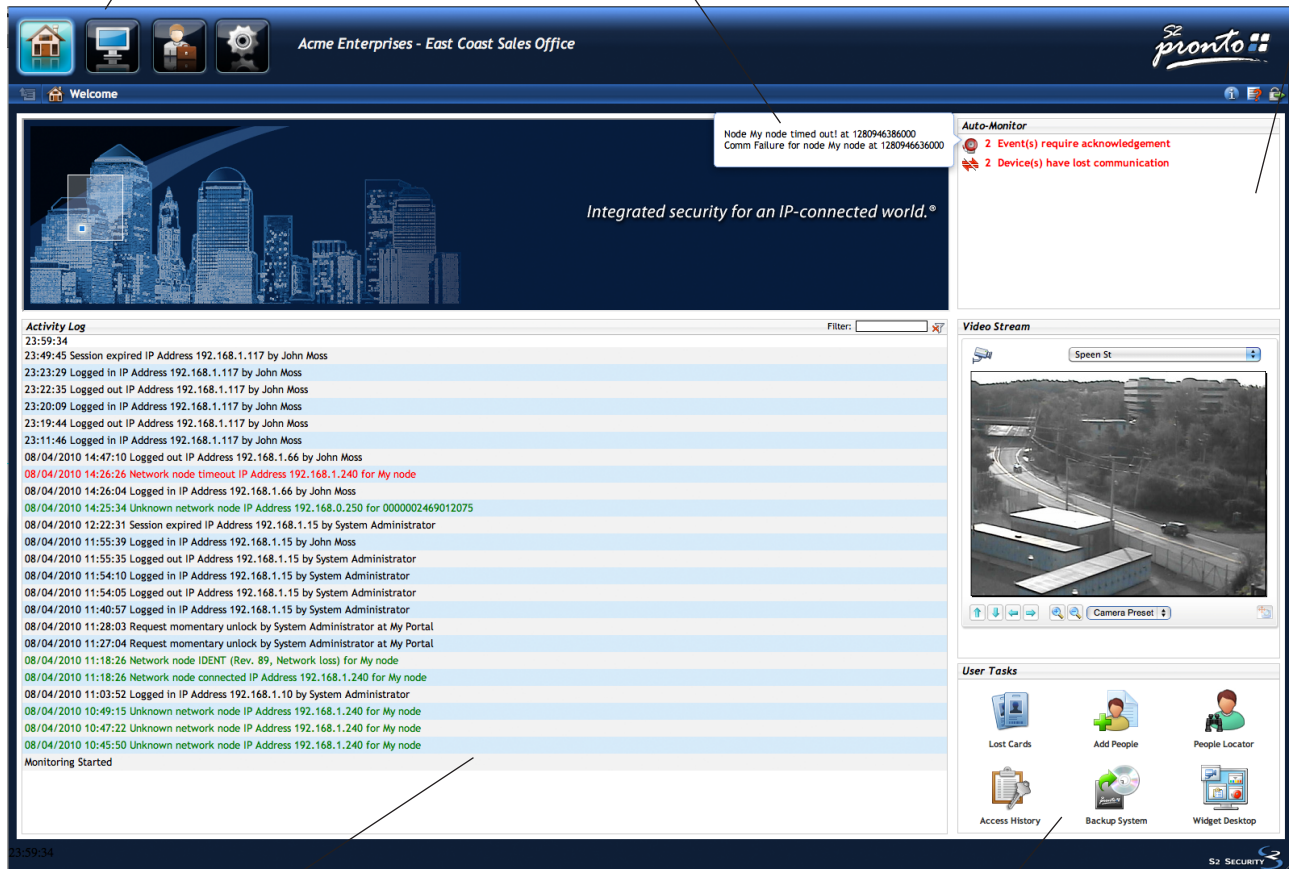
Planned product extensions include support for recorded video recall based on event, further usability enhancements, and connection to S2 Cumulus, the cloud computing service network being developed for the S2 Security product family.

[†] Central station service is not provided by S2 Security and must be separately contracted.

The Landing Page in Detail

Direct access to main menus and functions

Hover over the auto-monitor for details about any abnormal condition

Auto-monitor lists all current abnormal conditions that may require intervention

Acme Enterprises - East Coast Sales Office

s2 pronto

Welcome

Node My node timed out! at 1280946386000
Comm Failure for node My node at 1280946636000

Integrated security for an IP-connected world.®

Auto-Monitor
- 2 Event(s) require acknowledgement
- 2 Device(s) have lost communication

Activity Log   Filter:
23:59:34
23:49:45 Session expired IP Address 192.168.1.117 by John Moss
23:23:29 Logged in IP Address 192.168.1.117 by John Moss
23:22:35 Logged out IP Address 192.168.1.117 by John Moss
23:20:09 Logged in IP Address 192.168.1.117 by John Moss
23:19:44 Logged out IP Address 192.168.1.117 by John Moss
23:11:46 Logged in IP Address 192.168.1.117 by John Moss
08/04/2010 14:47:10 Logged out IP Address 192.168.1.66 by John Moss
08/04/2010 14:26:26 Network node timeout IP Address 192.168.1.240 for My node
08/04/2010 14:26:04 Logged in IP Address 192.168.1.66 by John Moss
08/04/2010 14:25:34 Unknown network node IP Address 192.168.0.250 for 0000002469012075
08/04/2010 12:22:31 Session expired IP Address 192.168.1.15 by System Administrator
08/04/2010 11:55:39 Logged in IP Address 192.168.1.15 by John Moss
08/04/2010 11:55:35 Logged out IP Address 192.168.1.15 by System Administrator
08/04/2010 11:54:10 Logged in IP Address 192.168.1.15 by System Administrator
08/04/2010 11:54:05 Logged out IP Address 192.168.1.15 by System Administrator
08/04/2010 11:40:57 Logged in IP Address 192.168.1.15 by System Administrator
08/04/2010 11:28:03 Request momentary unlock by System Administrator at My Portal
08/04/2010 11:27:04 Request momentary unlock by System Administrator at My Portal
08/04/2010 11:18:26 Network node IDENT (Rev. 89, Network loss) for My node
08/04/2010 11:18:26 Network node connected IP Address 192.168.1.240 for My node
08/04/2010 11:03:52 Logged in IP Address 192.168.1.10 by System Administrator
08/04/2010 10:49:15 Unknown network node IP Address 192.168.1.240 for My node
08/04/2010 10:47:22 Unknown network node IP Address 192.168.1.240 for My node
08/04/2010 10:45:50 Unknown network node IP Address 192.168.1.240 for My node
Monitoring Started

Video Stream
Speen St

Camera Preset

User Tasks
- Lost Cards
- Add People
- People Locator
- Access History
- Backup System
- Widget Desktop

23:59:34

S2 SECURITY

Real time activity log with dynamic text filtering

Icon-button palette for direct access to frequently used commands

Specifications

Cardholders	20,000		Processor	Texas Instruments' OMAP
Online transactions	20,000,000		On-board RAM	128 MB
Available access levels	512		Storage (flash)	4 GB
Available time specs	512		Operating system	Ubuntu LTS (Linux)
Node IP connections	16		DBMS	PostgreSQL
Simultaneous users	2		Relative performance (EPS)	2.0
Readers (per enclosure)	8		MTBF	125,000 hours
Portals (total)	32		Max power draw	4.0A at 12 VDC
Max inputs/outputs	128		Operating temperature	0°C to 50°C
Size (enclosure)	12"h x 12"w x 7"d		Heat output	17 BTU