Samsung DVR and Access Control integration using SAMS PRO software

Easy integration with powerful benefits

Samsung Access Management Software (SAMS)

SAMS offers powerful, easy-to-use, IT-friendly, integrated security management under the familiar Microsoft Windows® operating environment. It is a complete end-to-end solution for today's most commonly deployed physical security applications; providing real-time monitoring, command and control, automation, database administration and report management in a single unified system.
Ideally suited for any sized organisation seeking to self-monitor and manage security operations over their IT network infrastructure, SAMS is capable of seamlessly integrating access control, photo identification and credentialing, digital video surveillance, alarm monitoring, and intrusion detection devices.
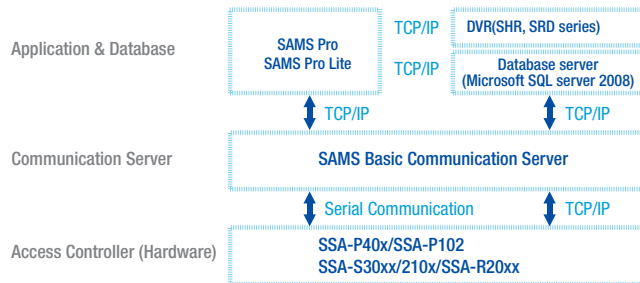
Choosing the right package

SAMS is available in BASIC and PRO versions, with the PRO version able to benefit from video integration. Each version is also available as Server and Lite software. The Lite variant allows users access to day-to-day administration, such as adding/removing cards and generating reports, the server version allows full system configuration such as the ability to add controllers and other hardware.

Feature	SAMS BASIC & SAMS BASIC Lite	SAMS PRO & SAMS PRO Lite
Video Integration	X	√
Graphical Command and Control Maps	√	√
Free / Demo Licence	40 Doors/1000 Users	40 Doors/1000 Users
Reader Capacity	Up to 128,000	Up to 128,000
Photo ID Badge	√	√
Windows Operating System	Xp, Vista, Win7(32bit), Server 2003	Xp, Vista, Win7(32bit), Server 2003
Database Engine	SQL Server 2008 Express	SQL Server 2008 Express
Lift Control	√	√
Time Schedules	√	√
History Reports	√	√

Bringing CCTV and Access control together

Samsung SRD series DVRs are fully compatible with SAMS PRO access control management software giving users the ability to view, control and administer both their Samsung CCTV and Access Control systems from a single platform. This brings a host of additional benefits to the usability and management of your security system, not the least of which is the ability to provide visual verification of anyone attempting to gain access to restricted areas.

Samsung Access Management Software

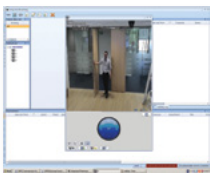| Application & Database | SAMS Pro
SAMS Pro Lite | TCP/IP | DVR(SHR, SRD series) |
		TCP/IP	Database server (Microsoft SQL server 2008)
Communication Server	↕ TCP/IP	SAMS Basic Communication Server	↕ TCP/IP
Access Controller (Hardware)	↕ Serial Communication	SSA-P40x/SSA-P102 SSA-S30xx/210x/SSA-R20xx	↕ TCP/IP

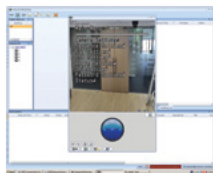# Simple set-up and graphical map display

Set-up couldn't be simpler. SAMS PRO can automatically search your Local Area Network (LAN) for connected Samsung SRD series DVR's and, once added, can communicate with cameras attached to the DVRs. At the heart of the control system sits a graphical map which allows camera and door locations to be highlighted with drag-and-drop icons making it quick and easy to create a very clear situational overview of the entire site.

Linking video with access control

Cameras can be linked to specific doors and/or events so that activity such as denied access at an entrance can immediately provide pop-up video of a specific camera for operators to gain visual verification of the situation. What's more, the recorded footage is accessible through an event list for retrospective viewing with pin-point accurate time stamping – simply click and view video from any event in the event list.

Full control of your CCTV and Access Control systems
– a fully integrated solution

SAMS PRO provides complete control of both your CCTV and Access Control systems and offers the opportunity to create a fully integrated solution. It also provides an easy way to authorise users, generate reports and schedule time permissions for door access. The operation of pan/tilt/zoom cameras is available via on-screen control, whilst dome position presets can be programmed, and on-screen display menus can be accessed, allowing quick camera set-up.

Samsung SRD series of DVRs

Samsung SRD series DVRs feature our own high level H.264 compression method to save disk space whilst dramatically increasing image quality.

A built in web-server allows live and playback viewing options with the ability to back up incidents via a web browser, whilst full compatibility with Samsung's licence-free Net-i Viewer Centralised Management Software (CMS) provides advanced networking functionality as part of a complete integrated system.

	Channels	Images per second @ 4-CIF resolution	Images per second @ 2-CIF resolution	Images per second @ CIF resolution	Maximum No. of internal HDDs	External HDD expansion ports	Main monitor/ Spot composites	HDMI output	Built-in DVD Drive	Coaxial Control Compatible	RS–485 PTZ Control	NET-i Viewer
SRD-1670DC	16	400	400	400	5	2	1/4	Yes	Yes	Yes	Yes	Yes
SRD-1670D	16	400	400	400	5	2	1/4	Yes	Yes	-	Yes	Yes
SRD-1650DC	16	100	200	400	5	2	1/1	Yes	Yes	Yes	Yes	Yes
SRD-1650D	16	100	200	400	5	2	1/1	Yes	Yes	-	Yes	Yes
SRD-1652D	16	100	200	400	4	0	1/1	-	Yes	-	Yes	Yes
SRD-1630DC	16	50	100	200	5	0	1/1	-	Yes	Yes	Yes	Yes
SRD-1630D	16	50	100	200	5	0	1/1	-	Yes	-	Yes	Yes
SRD-870DC	8	200	200	200	5	2	1/2	Yes	Yes	Yes	Yes	Yes
SRD-870D	8	200	200	200	5	2	1/2	Yes	Yes	-	Yes	Yes
SRD-850DC	8	50	100	200	5	2	1/1	Yes	Yes	Yes	Yes	Yes
SRD-850D	8	50	100	200	5	2	1/1	Yes	Yes	-	Yes	Yes
SRD-852D	8	50	100	200	4	0	1/1	-	Yes	-	Yes	Yes
SRD-830DC	8	25	50	100	5	0	1/1	-	Yes	Yes	Yes	Yes
SRD-830D	8	25	50	100	5	0	1/1	-	Yes	-	Yes	Yes
SRD-470D	4	100	100	100	1	0	1/1	-	Yes	-	Yes	Yes