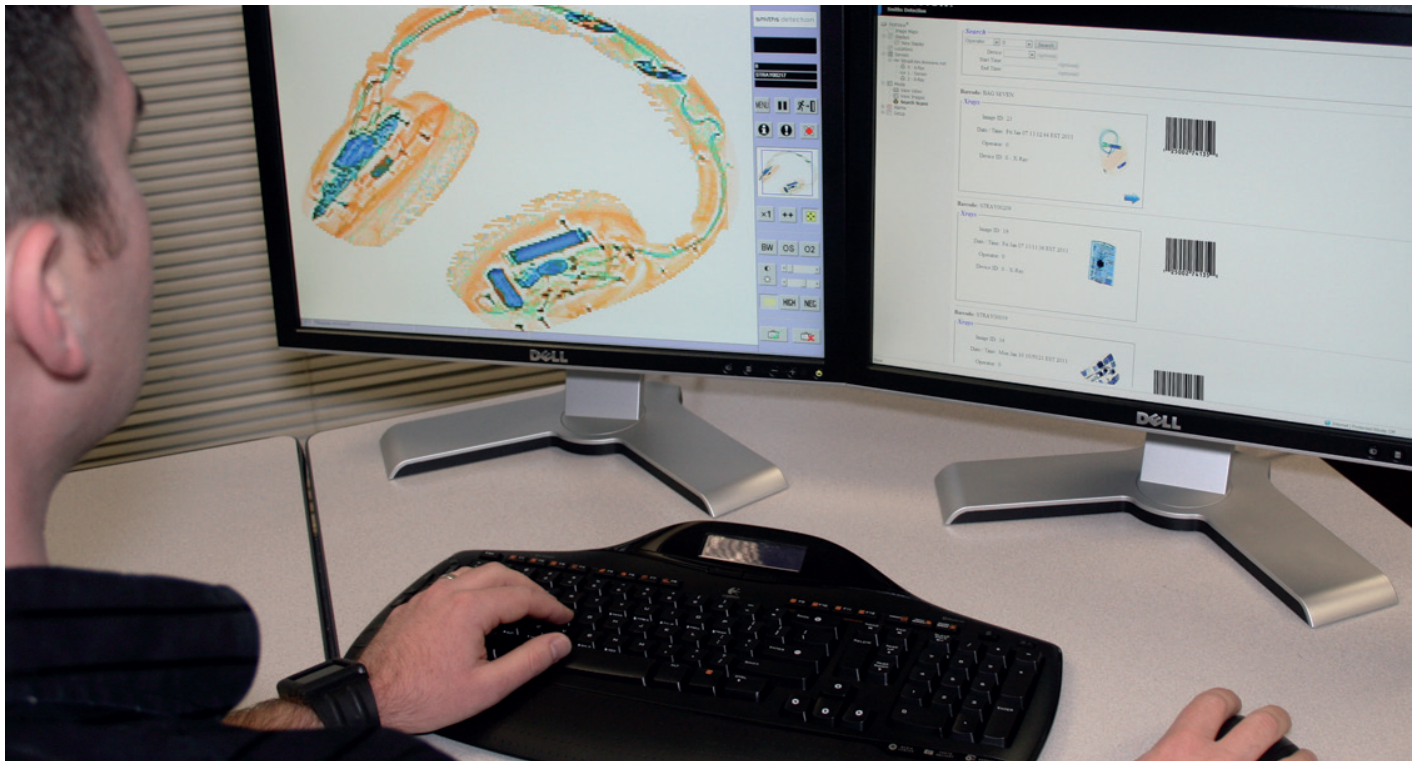# FirstView-LINX™

AUTO-ARCHIVED SCREENING RESULTS, WITH TRACK & RETRIEVE CAPABILITY

Feature Highlights

- **Integration with both HI-SCAN X-ray imaging and IONSCAN 500DT trace detection systems**
- **Ability to integrate with barcode scanners for linking barcode scans with screening results for streamlined reporting**
- **Integration with third-party physical security alarms reduces number of alarm consoles**

FirstView-LINX™ is a powerful computer networking solution that enhances Smiths HI-SCAN™ X-ray and IONSCAN™ 500DT trace detection screening solutions. Historically these two technologies are operated in self-contained screening stations. FirstView-LINX bridges the gap between these autonomous stations by providing users a common view of screening operations, allowing for chain-of-custody data management and increased situational awareness.

Enhancing a screening operation has never been easier. A FirstView-LINX workstation connects Smiths HI-SCAN X-ray units and IONSCAN 500DT sensors over a standard Ethernet network—no special cabling or network requirements needed. Key data associated with Smiths screening equipment is automatically archived by the FirstView-LINX applications. The integrated database consolidating the information

of screened air cargo helps the operator to effectively and reliably meet the TSA reporting requirements—thus helping to minimize the impact of the new screening mandate. The simple and intuitive graphical user interface is easy to use, and requires minimal operator training—allowing operators, with appropriate privileges, to access and further review X-ray images and trace analysis results quickly and efficiently. Based on a package's unique shipping barcode, a consolidated report can be generated within the FirstView-LINX application that includes: X-ray image and/ or trace results, a record of each date, time, and location when the package was screened and the operators that screened it.

In addition, FirstView-LINX has an embedded Network Video Recorder (NVR) that can be

FirstView-LINX

activated to provide enhanced situational awareness of designated screening areas. Alarms from third-party physical security tools—such as access control, fence sensors and video analytics systems—can also be integrated into FirstView-LINX, reducing the cost and space associated with multiple dedicated physical security consoles.

Technical Data

General Specifications

	FirstView-LINX Desktop & Workstation	**FirstView-LINX Enterprise Server**
Hardware Platform		
Form Factor	Tower PC 17 x 37.03 x 43.38 cm (6.69" x 14.58" x 17.08") (W x H x D)	2RU – 48.26 cm (19") depth Sliding Rails included
Power	350 Watts	(2) hot-plug 870 Watt PSUs
Processor	Dual Core i5-650	Quad Core Xeon Processor
Memory	8 GB 1333 MHz, DDR3 SDRAM	12 GB – 3x4GB, 1333MHz Dual Ranked RDIMMs
Video Card	nVidia: dual DVI-D	Matrox G200: VGA with 8 MB cache
Hard Drive Storage (unformatted)	1TB mirrored redundancy	146GB System Drive(1TB x 5)
Hard Drive Controller	RAID1	4 TB (2TB x 2) archive storage PERC 6/i SAS , RAID5
NIC	Integrated 10/100/1000 Ethernet	(4) Embedded Broadcom GB Ethernet
External Media	16X DVD+/-RW	DVD+/-RW, SATA, Internal
Standard I/O Ports	(12) USB 2.0 (1) IEEE 1394a (1) Serial (2) PS2 (1) RJ45	(4) USB 2.0 (1) Serial (4) RJ45
Mouse	USB	USB
Keyboard	USB	USB
Display	Dual 20" LCD Monitors	NA
Software		
Operating System	Microsoft® Windows® 7 (x64)	Microsoft® Windows Server® 2008 (x64)
Image Analysis	Embedded Smiths Heimann Image Format (HIF) Viewer	NA (client workstation required)
Sensor Channels (HI-SCAN/IONSCAN)	Desktop (3) licenses included (up to 7 additional channels can be added – 10 max.)	(10) licenses included (up to 10 additional channels can be added – 20 max.)

Network Requirements

Open 10/100/1000 Ethernet Switch Port (per hardware platform)

Open Network Ports	TCP 80, 443, 9001, 135, 139, 445, 912, 3389, 5357, 49165, 2277, 7800	UDP 137, 138, 500, 1900, 3702, 4500, 5355, 52010, 52011, 53597-8, 64591-4

Two Static IP Addresses (per hardware platform)

FirstView – Screener Application Specifications

Barcode strings up to 31 characters (1D or 2D)
HI-SCAN Software: HX-0x-10-B-228-00 or newer
IONSCAN 500DT requires software version .044 or newer

Options

Barcode scanner: 1 or 2D
CCTV Network Video Recorder
Channels (digital cameras sold separately)
Digital I/O Relay Interface

smiths detection