



Facelt® Argus 7 is a real-time facial screening solution for a variety of market applications including, but not limited to:

- Border Crossing
- Transportation
- Sensitive Law Enforcement Facilities
- Commercial
 - Retail
 - Banking
 - Casino

Facelt® Argus 7 Facial Screening

Rapid, Real-time Watchlist Subject Identification

Identifying a wanted person as “a face in the crowd” is always a challenge for inspection officers and security personnel. With Facelt® Argus 7, the job is faster and easier. Argus 7 acts as a security barrier, providing actionable matching with more accurate identifications so officers can be more effective. Argus 7 can relay alarm information on the scene in real-time. And, with the high accuracy of the underlying face recognition technology, the system has the ability to help identify thousands of unfamiliar faces quickly, distinguishing between look-alikes and even twins.

It works seamlessly with commercial, off-the-shelf, out-of-box equipment and interfaces with existing facial image files for fast, easy integration. With a scalable system design that can accommodate any number of cameras feeding into a central database, Argus 7 can handle the throughput requirements of any size deployment.

By addressing the needs of law enforcement and security communities, Argus 7 transforms real-time face recognition from the “nice-to-have” realm, to a “must have” operational tool in the emerging market of automatic facial surveillance.

MORE ACCURATE, REAL-TIME FACIAL IDENTIFICATIONS

- Capture and search results in 2 seconds or less
- MultiView enroller compensates for pose and angle variations
- High throughput, high performance face matching engine ABIS® 7 with the latest Argus 7 technology
- Adjustable facial identification thresholds accommodate changing security needs

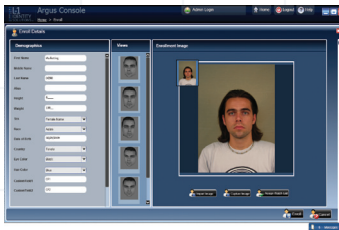
MORE EFFECTIVE USE OF RESOURCES

- System provides list of possible matches in real-time for human verification
- Operators can focus on suspicious persons versus general public
- Multiple watchlists can be monitored simultaneously
- Alarm details are customizable
- Overhauled, operator friendly graphic user interface (GUI) environment
- Alerts are sent immediately to operators via emails and handheld devices
- Improvement in manageability and maintenance: computers not required within proximity of cameras; expensive fixtures and additional power lines not needed to install capture stations

EASY INTEGRATION INTO EXISTING INFRASTRUCTURE

- “Out-of-the box” support for network/IP cameras
- Commercial-off-the-shelf (COTS) high-resolution network cameras, servers and workstations
- Widely used image file formats, such as JPEG, TIFF, BMP, etc.
- Optimized high frame rate face capture – 8 frames per second

Facelt® Argus 7 Screenshots



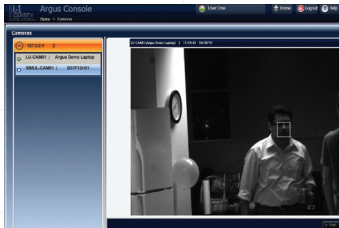
MultiView Enrollment

Creates off-angle views of the original frontal image and enroll them into ABIS search engine



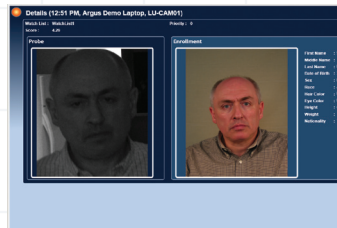
Screening Monitor

Receives search results and relays alarms to clients



Face Capture

Finds faces in live video, assesses their quality, and submits them to ABIS for search



Alarm Details

Sample application that can be customized to send alarm details to PDAs and other handheld devices

ABIS® 7 System Search Engine

ABIS® 7 handles the back-end search functionality using the highly accurate Argus 7 algorithms. The system has been designed to handle the high volumes of biometric data throughput requirements and any number of camera inputs. In addition, a built-in fault tolerance allows an operation to continue without interruption while failed search servers are replaced. Combined with a clustered database and workflow servers, the ABIS® 7 System can be configured for near-continuous operation.

System Requirements

Server(s)	Dual quad core CPU 2.6GHz, SSE4, 8GB RAM
Operating System	Microsoft Windows Server 2008 64bit
Console Work Station	Dual core CPU, 2.6GHz
Operating System	Windows XP Service Pack 3, Window 7 Professional/Enterprise, .NET Framework 3.5 SP1
Memory	2GB minimum, 4GB recommended
Monitor	1280 x 1024 resolution or higher
Network Cameras	Axis 223M, Lumenera Le165m

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