InSight® ESS
Enrollment & Syncronization

The AOptix *InSight*® ESS is a platform independent, web-based application for the enrollment and synchronization of biometric data across InSight systems within a network.

Features

- Web-based, platform independent
- Intuitive user interface
- Robust LDAP and database integration

Enrollment Management

- Iris image capture
- Enrollment verification
- Access control details and other data

Application Functions

- Synchronization of all networked *InSight* systems with central database
- System-centric and enrollee-centric browsing
- System configuration tools

With an intuitive, easy-to-use interface and flexible connectivity to a variety of leading database and identity management platforms, ESS eliminates the confusion and hassle that are often associated with biometric enrollment and systems management. As a web-centric application, ESS can run on a wide range of operating systems and be accessed through most leading web browsers. Along with platform flexibility, ESS seamlessly integrates with existing LDAP infrastructure, allowing administrators to associate both iris and subject ID information with LDAP profiles.

Management is further simplified with a built-in and comprehensive audit trail. Additionally, ESS is a role-based application, offering different levels of control across different users. Along with the audit trail, authorized administrators can manage activity and determine access rights granted to each ESS operator. Furthermore, ESS offers synchronization versatility, including features for immediate or scheduled synchronizations to keep *InSight* iris databases current.

Coupling ESS with the powerful, easy-to-use *InSight* system allows for an effortless experience for enrollees, operators, and administrators alike. With ESS, deployment of multiple *InSight* systems in dynamic, real world environments has been made easy.

Technical Specifications

Parameter	Value
Supported Operating Systems (Server side)	Windows XP, Windows Server 2003 (to run as a Windows Application or Windows Service) Windows, Linux, Mac OS X (to run as a web Application on Apache Tomcat)
Supported Input Image Formats	Mozilla Firefox 3.0.1 or higher Internet Explorer 8 or higher Safari Browser (iOS and OS X)
LDAP interface	JNDI
Supported LDAP servers	Microsoft Active Directory IBM Tivoli Directory Server Sun Directory Server Oracle Internet Directory OpenLDAP
Database interface	JDBC
Supported databases (for biometric enrollment)	SQLite (default) Oracle MySQL PostgreSQL
Number of *InSight* systems	Unlimited (with proper licensing)
Number of enrollees	Unlimited

Application Functions

Functionality	Description
Search	• Search for LDAP enrollees to begin biometric enrollment process • Create new records for individuals not on LDAP
Capture	• Collect, review, and verify high quality biometric data from InSight
Access Rights	• Associate Wiegand card number to enrollment for access control applications • Optionally read card number directly from InSight
Manage Devices	• Locate InSight systems on the network and associate with ESS
Manage Enrollees	• Associate enrollees with one or more InSight systems • Edit enrollee details
Synchronization	• Synchronize systems immediately or at a scheduled time / interval
Audit	• Review information for any activity in the ESS web console, including administrator or operator login, user enrollment, changes regarding which InSight devices an enrollee authorized on

ESS Architecture
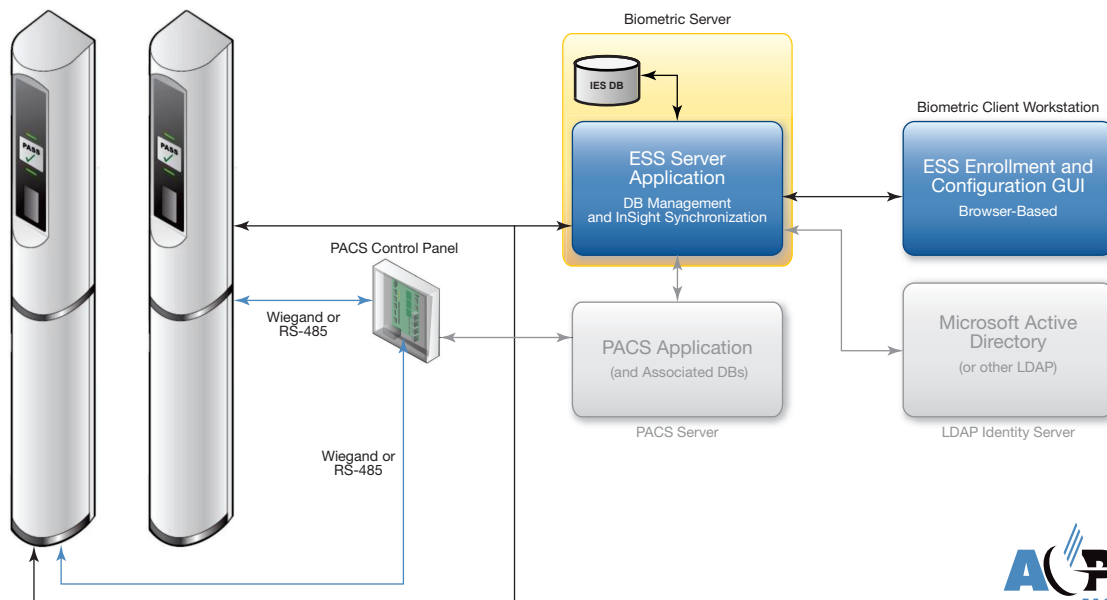
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