SCL*Intra* Enterprise Product Summary

SCL*Intra* uses barcoding technology to monitor and control the flow of tangible objects – mail, parcels, property, files or people – as they enter and move through a facility. SCL*Intra* uses an application server and database back-end to provide users with data-driven, configurable web pages that allow them to add, edit and update items, view reports or administer the system using a browser. The application server also permits multiple users/locations to remotely sync Palm or Pocket PC devices, simultaneously. Using a simple interface, the user may view current locations, historical information and electronically captured signatures when items are received, delivered, installed, or returned.

Administrators of the application may use their access to add available status listings, change the way important variables are seen by the user or modify the dropdown lists for the most common values stored for the items. SCL*Intra*'s built-in security features also permit administrators to customize user accounts, perhaps granting Flag Only or Search Only privileges and customizing password requirements.

The Speed Console, a windows-based executable, is available for use in high volume processing locations. This application is installed on a personal computer and provides additional tools for the user that may not be available within a browser environment, such as a keyboard intensive interface for easy bulk data processing and real time image or signature capture.

Additionally, the SCL*Intra* system provides an application that may be installed on the Symbol SPT, PDT and MC lines of portable terminals. These terminals operate on the Palm OS and PocketPC platforms and have barcode scanners built into their casings. Using these rugged devices, the operator may perform most of the functions available in the Speed Console or web sort environment, including adding, editing or updating items in the database or capturing an electronic signature using the unit's touch screen. Finally, in wireless real-time mode, simple searches are also possible.

SCL*Intra* is a modular engine, which enables SCLogic to modify it quickly and smoothly into various forms. Among the currently available application forms are:

- Accountable mail tracking
- Facsimile tracking
- Information systems asset tracking
- File tracking
- Medical record tracking
- Hotel guest package tracking
- Visitor tracking
- Courier route management

304-M Harry S. Truman Parkway ■ Annapolis, MD 21401-7379
t 410.571.9800 f 410.571.9868 ■ www.sclogic.com

SCLogic™

SCL*Intra* Enterprise System Components

Server Components

Microsoft Internet Information Services - Used for hosting asp web pages.
Mfg: Microsoft
Install space required: 18MB

Scout Sync Server - Handheld devices connect to this service to communicate with the database.
Mfg: Aether
Development language: MS Visual C++
Install space required: 24MB

SCL*Intra* Enterprise Web Application
Mfg: SCLogic, LLC
Development language: ASP, VB script, JavaScript, Also includes a COM object written in VB
Install space required: 10MB

SCL*Intra* Enterprise Scout Conduit - Plug-in for Scout Sync Server developed by SCLogic, LLC
Mfg: SCLogic, LLC
Development Language: VB & Visual C++
Install space required: 5MB

Client Workstation Components

SCL*Intra* Speed Console - Primary PC thick client SCL*Intra*
Mfg: SCLogic, LLC
Development language: VB
Install space required: 23MB

HotSync Manager - Used to proxy communications from Palm Handheld to a backend server through a serial port.
(Note: This component is not needed when Ethernet cradles or wireless SPT-1800's are used)
Mfg: PalmOne
Install space required: 8MB

Microsoft ActiveSync - Used to proxy communications from Pocket PC Handheld to a backend server through a serial port or USB port
(Note: This component is not needed when Ethernet cradles or wireless PocketPC units are used)
Mfg: Microsoft
Install space required: 13MB

304-M Harry S. Truman Parkway ■ Annapolis, MD 21401-7379
t 410.571.9800 f 410.571.9868 ■ www.sclogic.com

SCLogic™

SCL*Intra* Enterprise Systems FAQ

Q: What databases can be used with SCL*Intra* Enterprise?
A: SCL*Intra* Enterprise can utilize several different database types for its storage of package, asset, or other information. Databases currently supported are Microsoft SQL Server Desktop Engine (MSDE) 2000, MS SQL 2000, Oracle 8i, Oracle 9i and Oracle 10g. Support is also available for the import of existing data (personnel, locations, user-defined variables) from any ODBC compliant database using a System DSN (or the equivalent) connection. The database server may be purchased through SCLogic or elsewhere by the client's purchasing department. Careful consideration should be given to the number of users that will be concurrently connected to the system when deciding on the number of database server licenses (seats) to purchase.

Q: What types of operating systems can SCL*Intra* Enterprise run on?
A: Windows NT Server 4.0, Windows Server 2000 or Windows Server 2003 is recommended for the server components of SCL*Intra* Enterprise. The Speed Console/Mail Client applications (optional locally installed executables for client stations) will operate on any Windows platform.

Q: What is ScoutSync server?
A: An industry-standard method of connecting Palm OS devices with computers that is achieved via 'HotSync'. In fact, HotSync Manager comes bundled with the Palm Desktop tools and comes standard with most Palm OS devices when they are sold. This method is usually sufficient for individual devices syncing with one computer, but only one device is capable of syncing at a given time. In an installation that requires many Palm devices to sync concurrently to a single server on the network, ScoutSync is beneficial as it manages these concurrent connections. Other advantages exist for installing ScoutSync such as version management of the Palm enabled applications, management consoles for advanced troubleshooting and allows 4-slot Ethernet cradles to be installed throughout a network. These cradles sync multiple units at the same time.

Q: What is the OneBridge server?
A: The server that connects the multiple PocketPC devices with the database. Its role is similar to the Scout Server mentioned above in it serves to facilitate the connection between multiple PocketPC devices and the server. It also holds the source files for the application in a central location, making updates faster and more efficient. Finally, should a wireless network be available, it handles the real-time connections to the database.

Q: What is the Notify (email notification) Service and how does it work?
A: Notify is a standard SCL*Intra* Enterprise feature that automatically creates customizable email messages to alert users and managers of routine or exceptional changes in the status of a tracked item. As SCL*Intra* tracks the steps of a process, each step has a different 'status'. When an item hits a flagged status corresponding to a particular point in the process, Notify generates an email. For instance, to alert a recipient an item is on its way to their desk, a user may simply flag the 'Out for Delivery' status as their 'Email' status. Once configured, each time an item hits that status, an email is triggered. As part of the 'Status Setup Menu', custom email messages may be edited for each status. The service launches automatically and is ready for use at any time. Notify uses the SMTP Gateway and is installed as a service on the Microsoft platforms, ensuring a high level of availability.

304-M Harry S. Truman Parkway ■ Annapolis, MD 21401-7379
t 410.571.9800 f 410.571.9868 ■ www.sclogic.com

Q: Does Notify support Lotus Notes?
A: Lotus Notes is a common email server used by many organizations. While Lotus Notes does not explicitly use SMTP, usually a gateway exists between another application and the Lotus Notes server so users may receive external email in a SMTP format (yourname@yourdomain.com). In most cases, the SCL*Intra* system is merely pointed to the SMTP gateway, rather than the Lotus Notes email server. Users can simply provide the address of their SMTP gateway to the SCL*Intra* Enterprise installer(s), and our team will launch the appropriate email functions at system installation.

Q: What is a Speed Console/Mail Browser Workstation?
A: A Speed Console is a networked client application that can be installed on client PCs within a facility. These applications provide several convenient tools to speed package and asset transactions. For clients who want minimal external software installed directly on company PCs, the alternative is the Mail Browser Workstation. This component provides the same functionality as the Speed Console through a web interface; however, the Mail Browser option is less efficient in higher volume scenarios due to the limitations of web browsers and is only recommended for low volume stations.

Q: What types of hardware are utilized with SCL*Intra* Enterprise?
A: SPT (Symbol Palm Terminal) devices, handheld barcode scanners, barcode label printers, TWAIN compliant imaging devices, and signature capture pads may be utilized with SCL*Intra* Enterprise. The server system described in 'Recommended Requirements' may also be purchased and preloaded with all of the SCL*Intra* software prior to arrival at the client's facility.

Q: What hardware is typically used in a mailroom workstation?
A: The typical mailroom PC configuration contains the following pieces of hardware: 1 barcode scanner, 1 thermal printer, and 1 Palm Pilot HotSync station. Each component has a unique interface with the PC. The barcode scanner connects to the host machine using a PS2 keyboard wedge or USB wedge and receives power either directly from the PC or through an external supply depending on the model in use. The thermal label printer communicates through either a direct serial connection or a standard parallel port. Finally, the HotSync station uses only a direct serial connection through one of the ports labeled COM1-COM4.

Q: How long does a SCL*Intra* Enterprise installation take?
A: SCL*Intra* Enterprise can take from one to three days for complete installation and training of personnel in its use. In most cases, an authorized Information Systems Engineer from the client facility will need to be present in order to provide information concerning the network infrastructure. With their assistance, our technician will set up the server and associated software. Once the server is operational, auxiliary stations are established around the client site. These two steps are typically completed in one day. Once our system is completely in place, we will train the software users. Our preference is to employ a "train the trainers" philosophy, whereby we train only a handful of key users who will then pass their knowledge on to other users. We have found this method to be far more effective than large group training in getting larger mailrooms up and running quickly.

Q: What are the recommended requirements to run the SCL*Intra* application?
A: SCL*Intra* should be installed on a server that meets the following hardware requirements:

Up to 10 concurrent users:

- Windows NT Server 4.0, Windows Server 2000 or Windows Server 2003 (with appropriate licenses)
- Single Pentium IV 2.0 GHz
- 512 MB RAM
- 100 MB HD availability for installation
- 4 GB HD availability for storage (depending on database server)
- 10 Mbps Ethernet Network Connection (TCP/IP)

304-M Harry S. Truman Parkway ■ Annapolis, MD 21401-7379
t 410.571.9800 f 410.571.9868 ■ www.sclogic.com

Up to 20 concurrent users:

- Windows NT Server 4.0, Windows Server 2000 or Windows Server 2003 (with appropriate licenses)
- Dual Pentium IV 2.4 GHz
- 1024 MB Ram
- 100 MB HD availability for installation
- 8 GB HD availability for storage (depending on database server)
- 10/100 Mbps Ethernet Network Connection (TCP/IP)

Up to 50 concurrent users:

- Windows NT Server 4.0, Windows Server 2000 Or Windows Server 2003 (with appropriate licenses)
- Dual Pentium IV 2.4 GHz
- 2048 MB Ram
- 100 MB HD availability for installation
- 16 GB HD availability for storage (depending on database server)
- 10/100 Mbps Ethernet Network Connection (TCP/IP)

In each of the above installations, a RAID array (or the equivalent) should be considered to maintain redundancy in case of hard drive failure. Additionally, a back up scheme consistent with the preferences of the local administrator should be employed using any tape or other backup storage medium. SCLogic can aid in the development of administrative schedules for backup and optimization during the installation of the SCL*Intra* system.

The SCL*Intra* Speed Console should be installed on a PC workstation that meets the following hardware specifications:

Minimum:

- Windows 95/98 or Windows NT SP6+ or Windows2000 SP2+ or Windows XP
- MS Internet Explorer 5.01+
- 700 MHZ Pentium II
- 128 MB RAM
- 30 MB Free Drive Space
- PS/2 Keyboard port
- Graphics Card capable of 256 colors and 600x800 resolution
- Network Interface Card

Recommended:

- Windows 98 or Windows NT SP6+ or Windows 2000 SP2+
- MS Internet Explorer 6.0+
- 1 GHz Pentium II
- 256 MB RAM
- 30 MB Free Drive Space
- PS/2 Keyboard port or USB Port
- 1 Available UART-16550A Com Port
- 1 Available ECP Printer Port
- Graphics Card capable of 256 colors and 600x800 resolution
- Network Interface Card

Q: Whom do I call if I have any additional questions?
A: Please notify your account manager with any additional questions. If your questions are of a technical nature, the account manager will have a SCLogic technical support team member contact you at your convenience. Post installation, purchase of a software support contract provides clients with toll-free live access to our technical support team.

304-M Harry S. Truman Parkway ■ Annapolis, MD 21401-7379
t 410.571.9800 f 410.571.9868 ■ www.sclogic.com

SCL*Intra* Enterprise Engine & Components

SCL*Intra* Server

Description
The SCL*Intra* application is hosted on a server that resides on the corporation's network. An Enterprise database such as SQL or Oracle is used to store the data and a web server is used to display the reports, searches, and application services. The web server also manages the conduit that communicates to the handheld units either wired on the network using cradles or wirelessly through a WLAN or a CDPD network.

Server Applications
Choice of Enterprise data server: MSDE 2000, SQL 2000, Oracle 8i, Oracle 9i
Choice of web server: IIS 4.0, IIS 5.0
Handheld conduit server (optional): Aether Software Scout Server 4.1

Operating System
Microsoft Windows NT 4.0, Windows Server 2000 or Windows Server 2003

Speed Console

Description
The SCL*Intra* Speed Console provides users with an executable application installed on their system. This application uses tools that are not available in web-browser formats, enabling users to move quickly through receive, sort, and update operations.

Applications
Executable Application
Used to provide an application installed on the personal computer of the user. This application has more advanced list views and lookup functions than those available using Active Server Pages. It also has an option to utilize the web hosted application or the executable, depending on client needs.

Operating System
Microsoft Windows 98, NT 4.0, Windows 2000, Windows XP

Web Component

Description
With a browser of their choice, the user may access SCL*Intra* server over their intranet, or even in an Application Service Provider model across the internet. No upgrade or installation is required; however, a barcode label printing application may be installed on the client PC to provide labels, if necessary.

Operating System
Any (label printing application only supported in Windows environments)

Portable Terminal

Description
All features of the SCL*Intra* application are available on a portable terminal, excluding search and reporting features. This portability empowers the users with the full scope of the SCL*Intra* application, all in the palm of their hands. Signature capture also makes the portable terminals the ideal choice for delivery tools.

Operating System
Palm OS 3.5.2 or better.

304-M Harry S. Truman Parkway ■ Annapolis, MD 21401-7379
t 410.571.9800 f 410.571.9868 ■ www.sclogic.com