

Overview

- ◆ Version 1.9.0 and newer software for Codonics Safe Label System[®] (SLS) includes support for installing the Administration Tool (AT) as a server.
- ◆ Now available as AT Server, the application provides all the same capabilities as the existing AT Stand-alone application which is currently still supported.
- ◆ AT Server uses a web browser without the need to install software on a local PC. The web-based access allows it to be used from many different locations, not just a single PC.

Recommended requirements for AT Server:

Hardware: Intel Quad Core (i5, i7 or Xeon) with 2 cores allocated to AT, 8 GB RAM

Hard Drive Space: Minimum 5 GB free space for application

Windows[®] service: Windows Server 2008, 2012

Concurrent access: Not supported

Recommended requirements for AT Client:

Browser support: Internet Explorer 8 through 11

Screen Resolution: Minimum 1440 x 900; use default browser fonts

Computer OS: Windows XP, Vista, Windows 7, 8, 2008, 2013

Applications: Excel 2003 or greater to open reports

Additional Features:

Configurable Automatic Session Timeout: Maximum 8 hours

Online backup: Automatic backup of data directory to a user-specified location at configurable intervals

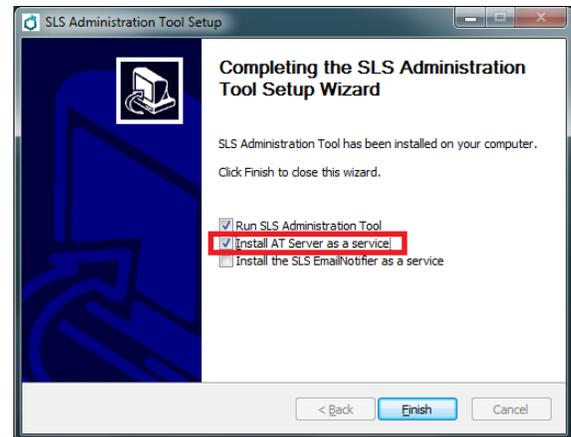
Note: When using Windows 7 on the AT Server host computer, make sure that automatic sleep mode is disabled to ensure the AT Server isn't disabled during use.

Note: A single installation of the AT can run as both a Server and Stand-alone application on the same PC, but cannot access the same AT Data Directory simultaneously.

AT Server

Installation

- ◆ To install the AT Server, follow the instructions in the SLS AT User's Manual for AT installation except, at the end of the process, select Install AT Server as a service.



Note: Before starting installation, you should make sure there is a recent backup of the AT Data Directory. Contact Codonics Technical Support if help is required for creating a backup.

WARNING: All instances of the AT must be closed before migrating data either during installation or later using the migration utility. In addition, AT services running an AT Server being migrated from one version of AT Server to another version (e.g., 1.9.0 to 2.0.0) have to be stopped. Refer to Technical Brief 901-253-010 for further instructions on formulary migration.

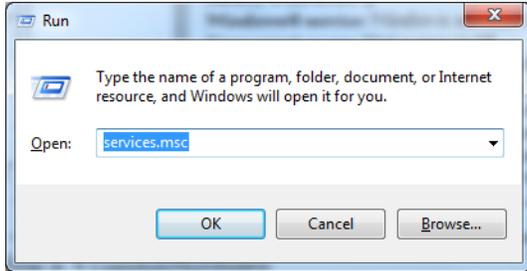
If Run SLS Administration Tool and Install AT Server as a service are both checked, when you click Finish, the AT Server will automatically start.

Note: The default AT Data Directory location will be used when installing the AT. To change the default location, refer to the section Changing Data Directory Location.

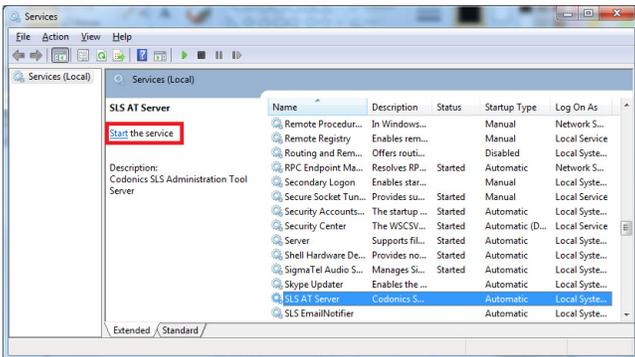
Note: Previous versions of the AT service will be overwritten when using the Install AT Server as a service. To keep the previous AT service version, contact Codonics Technical Support.

- ◆ If you do not check the boxes, follow these steps to start the AT Service at a later time:

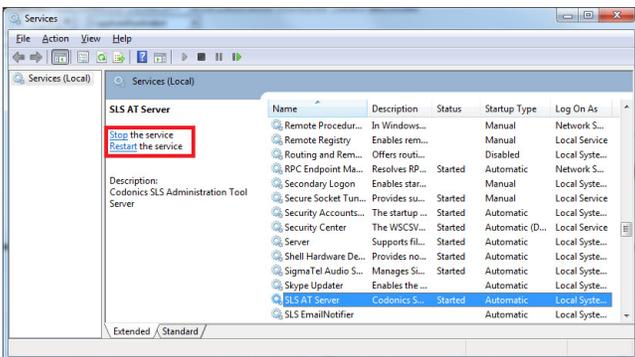
1. From the computer where the AT Server is installed, click Start, click Run, and then type in services.msc and click OK.



2. The computer's Service dialog will display. Scroll down to SLS AT Server, click on it, and then click on Start to start the AT Server.

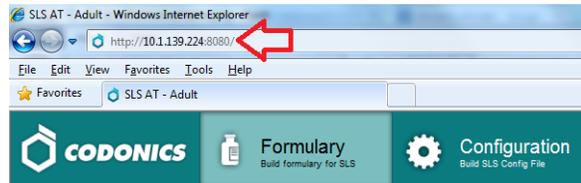


- ◆ If at anytime you need to Stop or Restart the AT Server, return to the Services screen and click on the appropriate link.



Operation

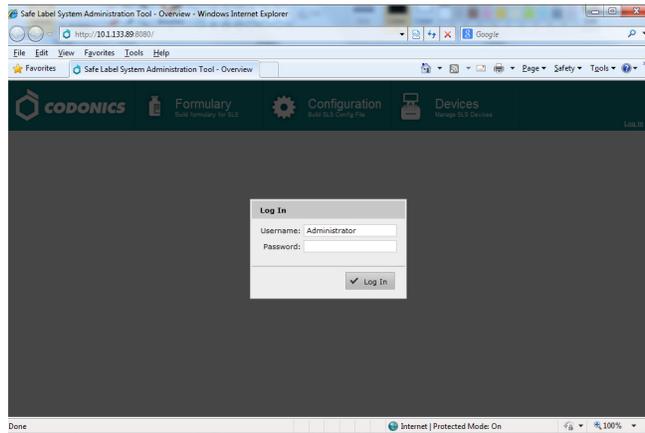
- ◆ To use the AT Server from any computer on the same network as the server, open an Internet Explorer browser window and enter the IP address of the host followed by the port where the formulary is located (e.g., http://10.1.139.224:8080/).



Note: Refreshing the web page (e.g., pressing F5 on the keyboard) will automatically logout the user and restart the service.

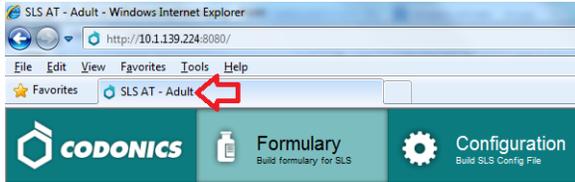
Note: The default http: port is 8080. To change the default, contact Codonics Technical Support.

- ◆ The AT Server will start up and the Log In screen will appear. Sign in with the same password used for the AT Stand-alone.



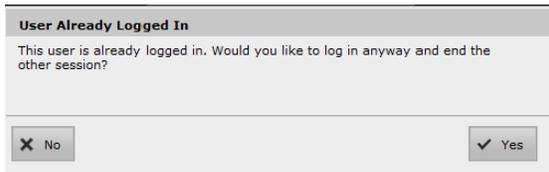
Note: When starting the AT Server, you will not receive a prompt to choose a data directory as you do with the AT Stand-alone.

- ◆ The formulary name that the AT Server is running is displayed in the IE tab.

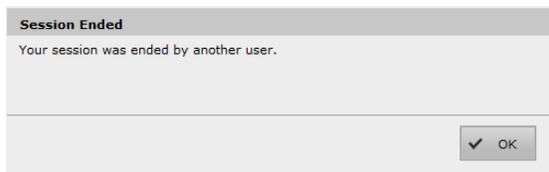


Note: To create and run multiple formularies using AT Server, contact Codonics Technical Support.

- ◆ If another user tries to log into an AT Server that is already logged into, the new user will receive a warning:



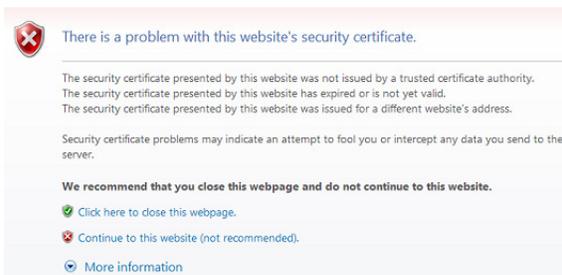
- ◆ The new user can click Yes which will log out the existing user who will receive a message:



- ◆ **HTTPS:** For secure encrypted data transfer over the network, HTTPS capability is provided.

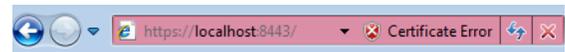
Note: The default https: port is 8443. To change the default, contact Codonics Technical Support.

- ◆ Self-signed certificates for HTTPS are provided with the AT to test as part of setup. However, until site-signed certificates for your domain are provided, the browser will provide the following warning:



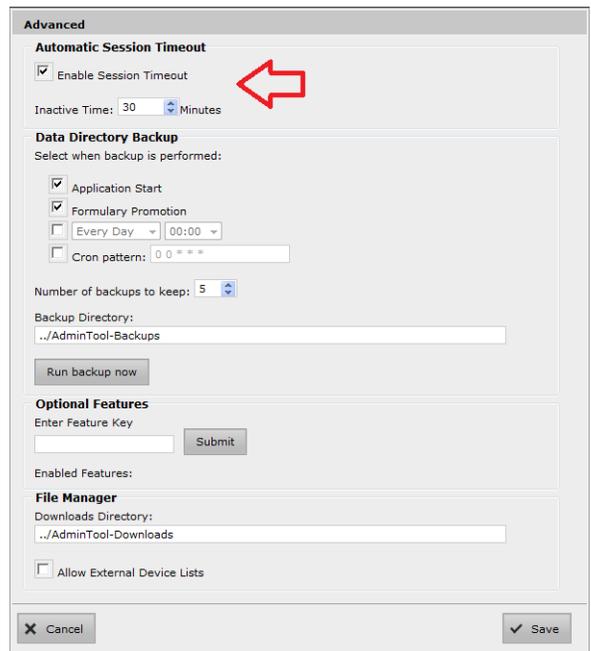
Note: For assistance with creating site-signed certificates, contact Codonics Technical Support.

- ◆ If you select Continue to this website (not recommended), the browser toolbar will look like:



Configuration

- ◆ When Automatic Session Timeout is enabled, the AT Server will automatically log out a logged in user after a predefined period of AT inactivity. To configure the AT Server's Automatic Session Timeout, click on the Advanced link in the upper right corner of the AT and the Advanced dialog will be displayed. The Automatic Session Timeout is enabled by default and set to 30 minutes of Inactive Time. The maximum Inactive Time is 480 minutes (i.e., 8 hours).

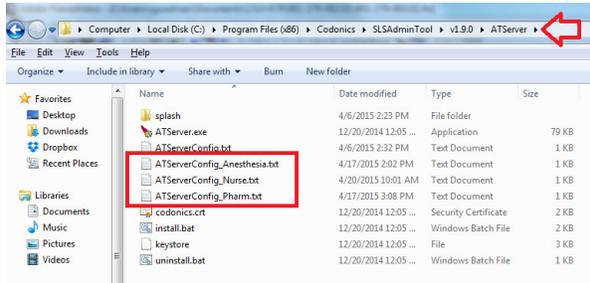


Changing Data Directory Location

- ◆ By default, 1.9.0 AT Server is installed at C:\Program Files (x86)\Codonics\SLSAdminTool\v1.9.0\ATServer.
- ◆ By default, 1.9.0 AT Data Directory's is installed at C:\Users\Public\Documents\Codonics\SLSAdminTool\v1.9.0\AdminTool-Data.

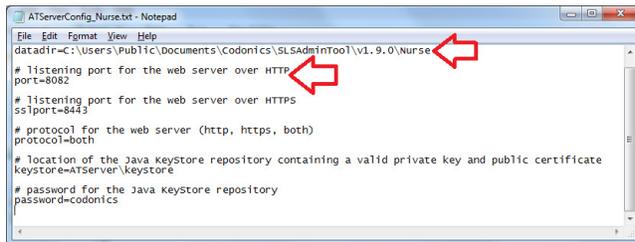
- Configure the ATServerConfiguration.txt files (refer to previous section Changing Data Directory Location). Make a copy of the original in the same directory and name each one to reflect the AT Data they will be associated with. For example:

- ◆ ATServerConfig_Pharm.txt
- ◆ ATServerConfig_Anesth.txt
- ◆ ATServerConfig_Nurse.txt

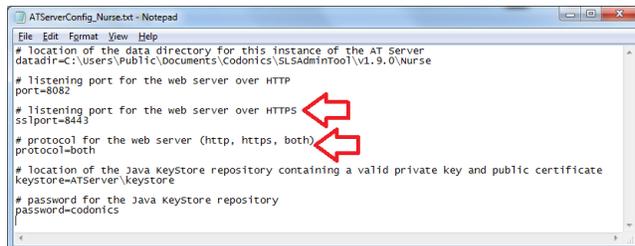


- Open each of the ATServerConfig files created in step 4 and change the paths to the AdminTool-Data.

Note: The actual name of the AdminTool-Data folder is not included in this path. The location where everything associated with the AT is found (e.g., AT-Backups, AT-Downloads, etc.) should be included in the path. For example, ...\\SLSAdminTool\v1.9.0.



- Change the port numbers for HTTP and/or HTTPS ports based on the protocol (i.e., http, https, both) being used. You cannot have two different services looking at the same port. The default HTTP port is 8080. For example, change the Anesthesia HTTP port to 8081, the Pharmacy HTTP port to 8082, and the Nurse HTTP port to 8083.



- Next, you need to create new services (e.g., SLS AT Pharm, SLS AT Nurse, SLS AT Anesth) for each formulary that is planned to be used. Open a command prompt on the computer where the AT is going to run and run the following command:

```
cd "c:\Program Files (x86)\codonics\SLSAdminTool\v1.9.0\ATServer"
```

- Then, for each service, run the command:

```
install <name of service> <full path of configuration file>
```

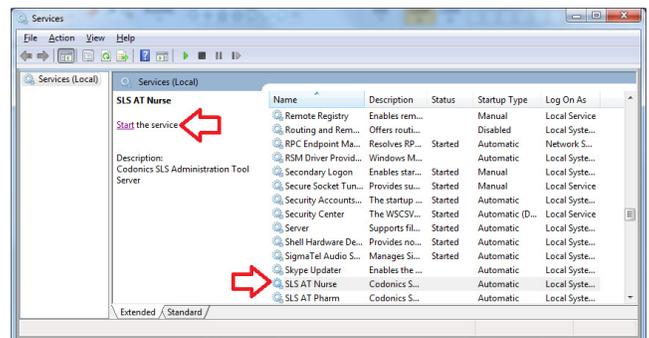
For example;

```
install "SLS AT Pharm" "C:\Program Files (x86)\Codonics\SLSAdminTool\v1.9.0\ATServerConfig_Pharm.txt"
```

```
install "SLS AT Pharm" "C:\Program Files (x86)\Codonics\SLSAdminTool\v1.9.0\ATServerConfig_Nurse.txt"
```

```
install "SLS AT Pharm" "C:\Program Files (x86)\Codonics\SLSAdminTool\v1.9.0\ATServerConfig_Anesth.txt"
```

- Start the services.



- Open up an Internet Explorer Browser for each AT Service and browse to the IP address:port (e.g., 10.1.192.100:8081).

Technical Support

If problems occur during operation, contact Codonics Technical Support at any time.

Phone: +1.440.243.1198

Email: support@codonics.com

Website: www.codonics.com

Get it all with just one call
800.444.1198

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