LATITUDE NXT Remote Patient Management System from Boston Scientific—EMR Integration

Migrating the Infor Cloverleaf® Secure Courier to 6.0.1

Migration Overview

- Ensure that the security ports are open and system requirements are met
- The software will automatically be downloaded from the BSC server to a location within the existing Cloverleaf directory structure on the clinic's computer; however, the migration process will not be initiated as part of the download.
- There is no interruption in data transfer for the clinic during the migration process
- EMR Support Line help is available if needed (888) 283-8713 or email LATITUDEITDataMgmt@bsci.com
- **Please plan to complete the migration by Nov 1, 2018. Data will no longer transfer after that date unless your clinic has completed the migration.**

Security Enhancements for Infor Cloverleaf Secure Courier 6.0.1

- Uses X.509 mutually authenticated certificates
- Encryption levels 1 and 2 (AES 256 encryption)
- Additional security token included in meta data for all data exchanges
- Security key is generated at installation

System requirements

The following table outlines the system requirements needed to support the Cloverleaf® Secure Courier Client.

Component	Supported	Notes
Operating System	Windows 8.1 Windows 7 Professional SP1 64-bit Windows 2012 R2 Windows 2008 R2 SP1 64-bit	
CPU	P3 – 800 MHz or better	
Memory	More than 400 MB – 2 GB	Use setting recommended by the operating system
Windows Disk Space	90 MB temporary space, 150 MB after installation	
Runtime requires machines to have the Microsoft Visual C++ 2008 SP1 Redistributable Package (x86) installed. During installation, it will check if themachine has the package installed.		

Security Ports

Security Ports Open—All 5 ports need to be open for outbound initiation of communication during the migration process

- 21210 (original)
- 21211 (original)
- 21212 (original)
- **21230 (new)**
- **21231 (new)**

The two new ports must be left open for outbound initiation of communication after the migration

<u>**Migration Instructions:**</u>

1. **Start Migration**
    a. The following files will be downloaded from the server at launch and will be located in the installation directory (typically C:\cloverleaf\csc4.4):
        i. <installation directory>\http_tls.zip
        ii. <installation directory>\CSC6.0.1.0Installer\7z.dll
        iii. <installation directory>\CSC6.0.1.0Installer\7z.exe
        iv. <installation directory>\CSC6.0.1.0Installer\LATITUDE_NXT_EMR_Migration.exe
        v. <installation directory>\CSC6.0.1.0Installer\client\InstallSupport\ migrate_couriers.cfg
    b. Navigate to the directory <installation directory>\CSC6.0.1.0Installer\
    c. Run the file "LATITUDE_NXT_EMR_Migration.exe".

2. **Follow the prompts in the installation wizard**
    a. Select the desired language for the client software. *Note that the language selected will only affect the client software user interface and will not affect the EMR data.*
    b. Read and accept the LATITUDE NXT EMR Integration Software License Agreement to continue with the installation and migration.
    c. Enter the installation directory. The default directory is "C:\cloverleaf\csc6.0".
        i. Note that data with unencrypted Patient Health Information (PHI) may be placed within the selected directory structure that will be created. Please follow appropriate security measure to ensure appropriate protection of the data.
    d. Enter the client name
        i. This name will be used to install the new CSC client software in a folder within the installation directory using the client name that is entered.
        ii. The couriers that are placed in this directory should only be used to connect with the Boston Scientific secure courier server. The default name is boston_scientific.
    e. Complete installation and restart your computer

3. **Launch and verify the CSC client software**
    a. All of the couriers for Boston Scientific will be displayed in the new courier manager.
    b. Ensure that all of the couriers that connect to Boston Scientific that were present in the old courier manager are present in the new courier manager.
    c. Ensure that the CSC Dispatcher (upper-right corner) is online (green circle), and each of the couriers (left side) are started (green circle).

4. **The couriers in the old courier manager will now be disabled and may now be deleted if desired**

<u>**Troubleshooting**</u>

If there is an error registering, e.g., the courier not "green" and/or an error message in the log.
 >Check that the security ports are open

If you encounter issues, please contact the LATITUDE EMR Support Line at (888) 283-8713 or email us at
[***LATITUDEITDataMgmt@bsci.com***](mailto:LATITUDEITDataMgmt@bsci.com)