FCO #512-00143A
Lotem 800 II Update #1 for 3.75.09 Running Win. 2000

Document number: 719-00297A -EN Rev A

Release date: 24 Oct 04

Applies to: Lotem® 800 II running Windows® 2000 **Priority:** Next failure

Background

- Lotem Controller software 3.75.09 contained several known problems.
- Not all platesetters have the latest software versions of the following utilities: Adobe® Acrobat Reader, Creo Service Port, VNC, and WinZip®.
- ServiceShell 2.5 was previously shipped on a separate CD.

Solution

- Implement FCO #512-00143A. This update resolves the several problems found in Lotem Controller 3.75.09.
- Install the latest versions of Adobe® Acrobat Reader, Creo Service Port, VNC, and WinZip®.
- The latest update of Service Shell 2.5 is now a part of the Lotem application and shipped on the same CD. To install Service Shell 2.5, see How to Install ServiceShell 2.5, on page 5.

Time required 1 hour

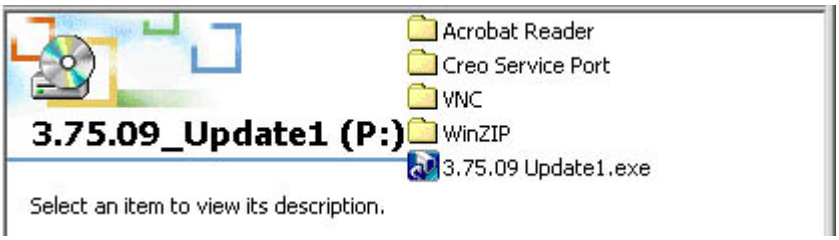
Prerequisites Lotem Controller software 3.75.09

Parts included in FCO

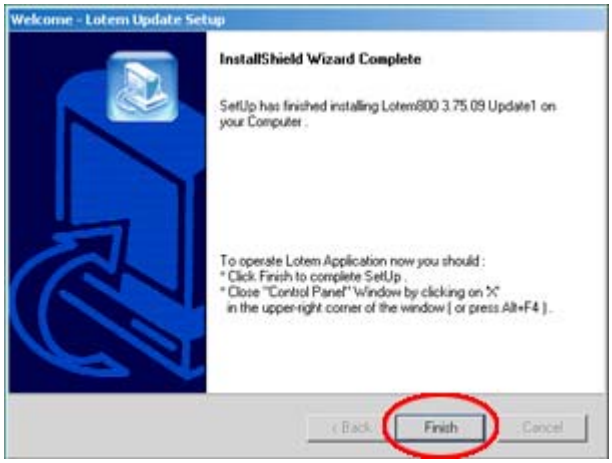
Part Number	Part Name	Quantity
39160617	Envelope 16 x 21 cm air bubbles	1
633-00427A	Lotem 800 II update #1 for 3.75.09	1
719-00297A	FCO document	1

Installing Lotem 800 II update #1

1. Insert the **Lotem 800 II update #1 for version 3.75.09, for Win 2K** CD into your CD drive.
2. In Windows Explorer, locate the CD:



3. Double-click the CD icon. The Lotem800 3.75.09 Update Install wizard starts.
4. Follow the on-screen instructions, and when setup has finished, click **Finish**:



The install wizard makes the following amendments:

- **Firmware files:** Copies the following firmware files from the CD to the **Tools** folder **(C:\Th2\Tools)**:
  - **QuantumFMW13203.bin**
  - **Mcelca0187.bin**
  - **th2fmw103c.bin**
- **Installation files:** Places the following NVS files into the **Tools** folder:
  - **Q800RamNvs.bin**
  - **Quantumflash.bin**
  - **Ramnvsspectrum.bin**
- **Diagnostic files:**
  - Deletes the key LOTEM800V\IO OBJECTS\LOADER
  - Adds files related to diagnostics
  - Open Strob7 for diagnostics with Open = 0
- **Scripts:**
  - Replaces the script in the MultiCassette folder (**C:\Lotem\Lotem800\Scripts\CassetteSystem\MultiCassette**) with a script that resolves the MCU lift problem.
  - Replaces the UnloadPlateFromTray.Script in the **AutoPlate** folder (**C:\Lotem\Lotem800\Scripts\LoadingSystem\Automatic\AutoPlate**). The newer script resolves the timeout problem that prevented smaller plates from exiting the conveyor.
- **Registry:** Amends the values of the following registry parameters:
  - *\IO OBJECTS\Loading System\Unload Plate\Tolerance For Unload Motor (mm) Value is amended from 3 to 15.
  - *\IO OBJECTS\LOCAL 3\VALVE\Unload Gripper Valve\Application Off time [Msec] Value is amended from 0 to 200.
  - *\IO OBJECTS\LOCAL 3\VALVE\Debris Removal\Max. Allowed Valve Activation Time (DWORD) [Sec]
    Value is amended from 7200 to 63535.

5. Open ServiceShell 2.5 and install, one at a time, the following 3 new files:
   - **QuantumFMW13203.bin**
   - **Mcelca0187.bin**
   - **th2fmw103c.bin**

   Note: If you need to re-install Service Shell, see How to Install ServiceShell 2.5, on page 5.
6. After installing the 3 files, restart Lotem Controller.

Test the Procedures

1. Make sure the platesetter reaches **Ready** mode.
2. Load and unload several plates of different sizes and thickness.
3. Expose a customer's job and check for image quality.
4. Check that the image is centered on the plate.

Installing Adobe Acrobat Reader

Overview

Acrobat Reader is an application for viewing and printing Adobe Portable Document Format (PDF) files. Install Acrobat Reader to view documents in PDF format.

How to install

1. On the CD, locate the **Acrobat Reader** folder.
2. Double-click **Adberdr60_enu_full.exe** and then follow the on-screen installation procedure.

Installing Creo Service Port

Overview

Creo Service Port (CSP) is a remote agent software installed on Creo supportable equipment. CSP runs as a service, and has no user interface. CSP works in conjunction with Service Wire/RSS to execute scripts for diagnostic purposes and to aid in tracking systems and their configuration.

Why install?

Lotem devices without CSP can only be supported by Service Wire/RSS with a limited set of tools. For example, mapping a Lotem drive for file transfer must be done manually, and it is not possible to view log files without full desktop control. In addition, without CSP, the Lotem device cannot be defined in the Service Wire as a stand-alone device, and it will always be hidden behind a Workflow device. This makes it difficult to locate the Lotem in the Service Wire screens.

How to install

1. On the CD, locate the **Creo Service Port** folder.
2. Double-click the **CreoServicePort.exe** and follow the on-screen installation procedure.
3. To verify that CSP has been correctly installed, do the following:
   Select **Start > Settings > Control Panel > Administrator Tools > Service** and verify that CreoServicePort appears in the list of services.

Installing VNC

Overview

VNC (Virtual Network Computing) makes it possible to view and fully interact with the Lotem from any other computer or mobile device over a TCP/IP connection. VNC software is cross platform, allowing remote control between different types of computers. For ultimate simplicity, there is a Java viewer, so that any desktop can be controlled remotely from within a browser, without having to install software.

Why install?

This latest version increases performance over slower connections.

How to install

1. Select **Start > Settings > Control Panel > Add/Remove Programs** and remove any earlier versions of WinVNC.
2. On the CD, locate the **VNC** folder, double-click **vnc-3.3.7-x86_win32.exe**, and follow the on-screen installation procedure.

Installing WinZip

Overview

WinZip is a compression utility for Windows.

Why install?

WinZip enables you to upload/download large files.

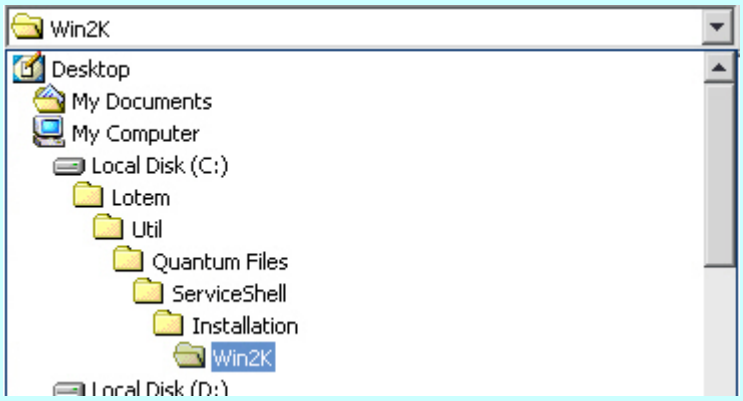
How to install

On the CD, locate the **WinZIP** folder, double-click **SETUP.exe**, and follow the on-screen installation procedure.

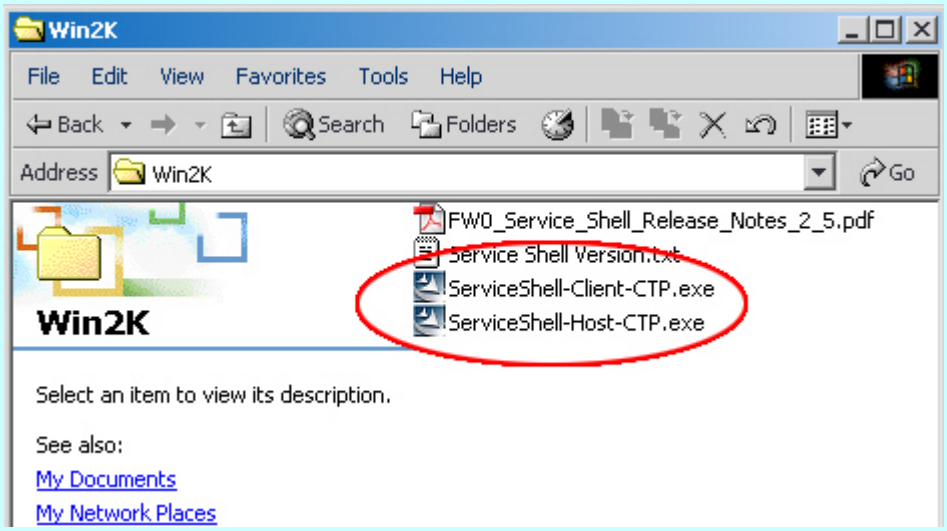
Installing Service Shell 2.5

Service Shell 2.5 is now an integral part of the Lotem Controller application. To re-install Service Shell onto your hard drive, do the following:

1. In Windows Explorer, locate the **Win2K** folder:



2. Double-click **ServiceShell-Client-CTP.exe**, and then double-click **ServiceShell-Host-CTP.exe**:



ServiceShell 2.5 will be installed onto your hard drive.

Logistics

Approved quantities:

CSC	Quantity
CAM	50
CEMEA	50
CAP	15
CJP	15

Schedule supplies for first lots:

	CSC			
Schedule	**CAM**	**CAP**	**CJP**	**CEMEA**
November	20	10	10	20
December	30	5	5	/

Inventory:

Lead time: The lead time for ordering extra kits is one month.

Technical contact	Itai Peperovich
Date submitted	24 Oct 2004
Last updated	29 Nov 2004