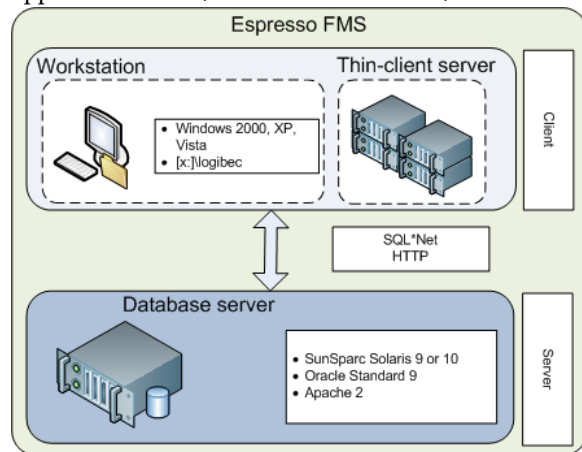


System Requirements

Espresso FMS 7.01

This document describes the minimum configuration required to adequately install our software. The technological environment required to implement and use Espresso relies on components such as the database server, the application server, the user workstations, and the configuration of peripheral equipment.



Database Server

Equipment

- **Processing Unit:**
 - One 1 GHz processor or one 1 GHz multicore processor - SUN Sparc server
 - One 2 GHz processor or one 1.5 GHz multicore processor – Windows server
- **RAM:** RAM represents the memory used by our software and not the total memory configuration of the stations or servers.
 - 128 MB for the Oracle Software
 - 150 MB for one instance of the Oracle Database
 - 2.5 MB x Number of Concurrent Users
- **Hard Disk Space:**
 - 15 GB divided among at least 7 partitions in accordance with Logibec standard configuration (including the backup copy and the Oracle archiving tool). Ideally, one disque per partition.
 - In order to offer good performance, the partitions must contain a sufficient number of separate discs using a RAID of type 0+1 (ideally secured by a redundant power supply).
 - The 15 GB are required for each database, except the 3.5 GB of the first disc, which represent the Oracle product.
 - For the archives, we calculate approximately 500 MB per day and per instance.
- **Interchange File:** 2 x RAM Size and at least 512 MB
- **Network Card:** Type: Client-server 100 MB / 1 GB

Software

- **Operating System:**
 - SUN Server: Solaris 9 or 10 for SPARC
 - Windows Server: Windows 2003 Server
- **Required Patches:**
 - SUN Server: Latest available patches
 - Windows Server: Latest available patches
- **Partitions:**
 - SUN Server: u01, u02, u03, u04, u05, u06, and u07
 - Windows Server: C, D, E, F, and G
- **Database:**
 - SUN Server: Oracle 9.2.0.6 for Solaris
 - Windows Server: Oracle 9.2.0.6 for Windows

Other Characteristics

- **Vendor Link:** Yes
- **Communication Software:**
 - RDP with Windows
 - Telnet or SSH with Solaris

Workstations

Equipment

- **Processing Unit:** One 1.5 GHz Processor or More
- **RAM:** 256 MB
- **Hard Disk Space:** 350 MB
- **Interchange File:** 512 MB Minimum
- **Network Card:** 100 MB
- **Monitor:** Yes (Resolution 1024 x 768)

Software

- **Operating Systems:** Windows 2000 Pro, Windows XP Pro, Windows Vista
- **Required Patches:** Latest available patches
- **Installation Directories:**
 - \logibec
 - \oracle
- **Required Software:**
 - Adobe Reader 5.0 or More
 - Oracle Client Version 9.2.0
 - Delphi Client

Printers

The **Espresso FMS** software uses the Windows printer manager for all printing tasks. Below is a list of the printers tested with **Espresso FMS**. Any other printer model or driver can be tested by **Logibec** upon request. Please contact your account executive for more information.

Laser Printer

HP Laserjet

- **Series 4000 (PS or PCL5 Driver):** Windows 2000 or Windows XP Environment
- **Series 4300 (PCL6 Driver):** Windows 2000 or Windows XP Environment

Lexmark

- **Optra S1255 (PCL5 or 6 Compatible Driver):** Windows 2000 or Windows XP Environment
 - Network Support Lexmark
 - Lexmark Netport and Lexmark Network Port
 - Drivers for Optra S1255
 - Read carefully the installation instructions in the Lexmark Optra S User's Guide.

Check Printer

TROY

- **3005:** Windows 2000 or Windows XP Environment
Note: We suggest you check the availability of ink cartridges and compatible printer models with the providers recommended on the MICR check implementation card.

Dedicated station

*Note: The dedicated station is required to allow **Logibec** to support and maintain its software packages. This station also hosts the Scheduler.*

Software

- **Operating Systems:** Windows 200 Pro, Windows XP, or Windows 2003 Server
- **Required Patches:** Latest available patches
- **Required Software:**
 - Adobe Reader 5.0 or More
 - Oracle Client Version 9.2.0
 - Delphi Client
- **Installation Directories:**
 - \logibec
 - \oracle

Other Characteristics

- **Vendor Link:** Yes
- **Communication Software:** Yes (pcAnywhere or RDP Service)