

3.0 Additional Information

This section includes updates to the Bill of Materials (BOM) for FEMIS v1.5.3 and discusses testing of versions of Oracle and Windows.

3.1 Bill of Materials (BOM) Updates for v1.5.3

3.1.1 Server Software

3.1.1.1 Oracle RDBMS for Solaris

It is recommended that Oracle 8.1.7 and 8.1.7.4 patch be installed. License and media need to be obtained from Oracle. FEMIS v1.5.3 is still compatible with Oracle 8.1.6.3, the version used with FEMIS v1.5.

3.1.1.2 Software Requirements for AutoRecovery

AutoRecovery requires the following applications:

- FEMIS AutoRecovery v2.6
- PERL v5.8 with DBI v1.30 module and its associated Oracle DBD v1.12.

AutoRecovery Web Reporting requires the following applications:

- FEMIS AutoRecovery Web Reporting v1.2
- PERL v5.8 with MailTools v1.15
- Apache Web Server v1.3.26.

All software used with AutoRecovery and Autorecovery Web Reporting was developed by PNNL and are available on the FEMIS v1.5.3 Application CD. They do not require licensing by a vendor.

3.1.1.3 Web OSB Software

The Web OSB package installs new software to the following locations:

- Jakarta-Tomcat 4.1.12 with JDK 1.4 support
- MySQL 3.23.40
- JSDK 1.4 Development Tools and Runtime Environment
- Web OSB v1.5.3.

All software used with Web OSB was developed by PNNL and are available on the FEMIS v1.5.3 Application CD. They do not require licensing by a vendor.

3.1.1.4 PC Connectivity Software

FEMIS installation and PC updates were tested exclusively using Samba v2.2.5. Other versions of Samba or NFS software should still be compatible (check with vendor for OS compatibility). FEMIS v1.5.3 uses the Oracle client for all data storage, which eliminates the need for an M:\ drive to be connected to the server. PC connectivity software (either NFS or Samba) is required for installation and automated software updates (e.g., FUPDATE.BAT).

The use of Samba does not require licensing by a vendor and is available on the FEMIS v1.5.3 Application CD.

3.1.2 PC Client Software

At the minimum, the following COTS should be installed, as they are needed for FEMIS to operate properly:

- Microsoft Windows XP, Windows 2000 Service Pack 2, or Windows NT 4.0 Service Pack 6
- Oracle Net8 v8.1.6
- Oracle ODBC Driver v8.1.6.2
- ArcView GIS (ESRI) v3.1 and v3.1.1 Patch.

3.2 Oracle Versions

FEMIS v1.5.3 has been tested using Oracle v8.1.7.4 on both the server and client. It has also been tested to ensure the software is backward compatible with Oracle v8.1.6. Backward compatible in this case is defined as v1.5.3 should work with Oracle v8.1.6 as FEMIS v 1.5 does.

3.3 Windows Operating Systems

FEMIS v1.5.3 was developed and tested for Windows 2000 and has been tested on Windows XP. FEMIS works with either operating system. Previous releases were developed and tested for Windows NT, and PNNL expects FEMIS to work properly on Windows NT systems. Because Microsoft is phasing out Windows NT, PNNL has not fully tested the v1.5.3 release on Windows NT systems.