



## FRx® for Microsoft Dynamics 6.7: system requirements and installation guidelines

The requirements listed on this Web page define the recommended system requirements, along with environment considerations, for integrating FRx®. These requirements are meant to be inclusive of the many types of installations that can be performed along with the hardware and software requirements for each. The installation most commonly performed with FRx is Local Client and Network Client (also known as Client-Server). Selection for the type of installation performed should be based on organizational needs and FRx reseller direction.

Several Add-on Modules are available and can be added to your FRx configuration. Add-on Module availability will vary depending on the general ledger (GL) you have implemented. A brief description of each module is included so that you can better understand the recommendations that follow.

- **FRx Report Designer** enables users to create, launch, view, distribute, and manage financial reports from the desktop.
- **FRx Report Launcher** enables users to select predesigned reports, specify output options, and then generate the report on demand.
- **FRx DrillDown Viewer™** enables users to view completed reports, send reports via e-mail, and drill down from summary to transaction level detail.
- **FRx Report Server** enables users to automate the production of reports that need to be run and distributed on a regular basis, and offload the processing of reports to a server. The FRx Report Server can be enhanced by using four engines that can run and distribute multiple reports at once.
- **FRx Report Manager** is a powerful management tool used to create, review, print, and distribute a group of documents in one convenient report book.
- **FRx WebPort** enables users to publish both FRx and non-Microsoft FRx reports to a local intranet application (that is, Microsoft Office Word documents and Microsoft Office Excel® workbooks).

### **Note**

This list is not inclusive of all products that integrate, share data, or in any other way work with FRx. Refer to the configuration guides specific to these or other software applications for additional configuration information.

### **Note**

FRx is 32-bit compatible only.

## Table of Contents

- ↓ FRx Desktop
- ↓ FRx Professional or Enterprise
- ↓ Client workstation requirements
- ↓ Web client workstation requirements
- ↓ Application server requirements
- ↓ Database server requirements
- ↓ Web server requirements
- ↓ Terminal Services
- ↓ Performance Considerations
- ↓ International Support
- ↓ Notes

## FRx Desktop

The following table describes the recommended guidelines and requirements for installing and using FRx Desktop.

| Component                   | Required           |
|-----------------------------|--------------------|
| FRx Report Designer         | Client Workstation |
| FRx Report Launcher         | Client Workstation |
| FRx DrillDown Viewer        | Client Workstation |
| FDM Database                | Database Server    |
| Data Refresher <sup>1</sup> | Database Server    |

These applications can be purchased independent of FRx Professional and Enterprise, and used as add-on modules to FRx Desktop.

| Component          | Required           |
|--------------------|--------------------|
| FRx Report Manager | Client Workstation |

| Component         | Required                             |
|-------------------|--------------------------------------|
| FRx Report Server | Application Server                   |
| FRx WebPort       | Web Client Workstation<br>Web Server |

## FRx Professional or Enterprise

The following table describes the recommended guidelines and requirements for installing and using FRx Professional or Enterprise.

| Component                   | Required                             |
|-----------------------------|--------------------------------------|
| FRx Report Designer         | Application Server                   |
| FRx Report Designer Client  | Client Workstation                   |
| FRx Report Launcher         | Client Workstation                   |
| FRx DrillDown Viewer        | Client Workstation                   |
| FRx Report Manager          | Client Workstation                   |
| FRx Report Server           | Application Server                   |
| FRx WebPort                 | Web Client Workstation<br>Web Server |
| FDM Database                | Database Server                      |
| Data Refresher <sup>1</sup> | Database Server                      |

## Client workstation requirements

| Item      | Recommended                                                                                                                                                                            | Required | Acceptable |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------|
| Processor | 500 MHz or higher                                                                                                                                                                      |          |            |
| RAM       |                                                                                                                                                                                        | 256 MB   |            |
| Hard Disk | 2 GB+ available space<br>Hard disk size requirements will vary based on the analysis performed, and the number and size of reports being stored for viewing in the DrillDown Viewer or |          |            |

| Item               | Recommended                                                                                     | Required | Acceptable                                                           |
|--------------------|-------------------------------------------------------------------------------------------------|----------|----------------------------------------------------------------------|
|                    | local OLAP cubes.                                                                               |          |                                                                      |
| Operating System   | Windows® XP Professional (SP1)                                                                  |          | Windows 2000 Professional (SP4)<br>Windows Vista®                    |
| Mail Services      | Microsoft Office Outlook® 2007 or Outlook 2003                                                  |          | <ul style="list-style-type: none"> <li>Outlook 2000 or XP</li> </ul> |
| Help Documentation | Adobe Reader v6.0 or later required ( <a href="http://www.adobe.com">http://www.adobe.com</a> ) |          |                                                                      |
| Internet           | Internet Explorer 6.0                                                                           |          |                                                                      |
| Productivity       | Microsoft Office Standard 2007 or Microsoft Office Standard Edition 2003                        |          | Office Standard Edition XP or Office Standard Edition 2000           |
| Data Access        | Microsoft Data Access Components (MDAC) 2.8                                                     |          |                                                                      |
| OLAP Cube          | Microsoft SQL Server® 2000 Analysis Services Client                                             |          | SQL Server 7.0 OLAP Client                                           |

### Web client workstation requirements

| Item      | Recommended                                                                                                                                                           | Required | Acceptable                                                                                                                                                            |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor | 500 MHz or higher                                                                                                                                                     |          |                                                                                                                                                                       |
| RAM       |                                                                                                                                                                       | 64 MB    |                                                                                                                                                                       |
| Hard Disk | 100 MB+ available space<br>Hard disk size requirements will vary based in the analysis performed. However, very minimal requirements are outlined for the Web Client. |          | 100+ MB available space<br>Hard disk size requirements will vary based on the analysis performed. However, very minimal requirements are outlined for the Web Client. |

| Item               | Recommended                                                                                                   | Required | Acceptable                                     |
|--------------------|---------------------------------------------------------------------------------------------------------------|----------|------------------------------------------------|
| Operating System   | Windows XP Professional (SP1)                                                                                 |          | Windows 2000 Professional (SP4), Windows Vista |
| Help Documentation | Adobe Reader v6.0 or later required ( <a href="http://www.adobe.com">http://www.adobe.com</a> )               |          |                                                |
| Internet           | <ul style="list-style-type: none"> <li>• Internet Explorer 6.0</li> <li>• Sun Java Virtual Machine</li> </ul> |          |                                                |

### Application server requirements

| Item                          | Recommended                                                                                                                                                                                                                       | Required | Acceptable                                                             |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------------------------------------------------------------|
| Processor                     | 1 GHz or Higher                                                                                                                                                                                                                   |          |                                                                        |
| RAM                           | 512 MB or higher                                                                                                                                                                                                                  |          |                                                                        |
| Hard Disk                     | 10 GB+ available space<br>5 GB may be sufficient. However, specific disk requirements vary widely and must be planned for based on the volume of data to be analyzed. These recommendations are initial configuration guidelines. |          |                                                                        |
| Operating System Requirements | Windows Server® 2003 Enterprise Edition                                                                                                                                                                                           |          | Windows 2000 Server (SP4)                                              |
| Mail Services                 | Outlook 2007 or Outlook 2003                                                                                                                                                                                                      |          | <ul style="list-style-type: none"> <li>• Outlook 2000 or XP</li> </ul> |
| Internet                      | Internet Explorer 6.0                                                                                                                                                                                                             |          |                                                                        |
| Productivity                  | <ul style="list-style-type: none"> <li>• Office Professional Edition 2007</li> <li>• Office Professional Edition 2003</li> </ul>                                                                                                  |          | Office Professional Edition XP or Office Professional Edition 2000     |

| Item        | Recommended                                          | Required | Acceptable                          |
|-------------|------------------------------------------------------|----------|-------------------------------------|
| Data Access | MDAC 2.8                                             |          |                                     |
| OLAP Output | SQL Server 2000 Analysis Services Client recommended |          | SQL Server 7.0 OLAP Services Client |

### Database server requirements

| Item                          | Recommended                                                                                                                                                                                                                         | Required | Acceptable                                                                       |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------------------------------------------------------------------------|
| Processor                     | 1 GHz or higher                                                                                                                                                                                                                     |          |                                                                                  |
| RAM                           | 1 GB recommended                                                                                                                                                                                                                    |          |                                                                                  |
| Hard disk                     | 10 GB+ available space<br>5 GB may be sufficient; however, specific disk requirements vary widely and must be planned for based upon the volume of data to be analyzed. These recommendations are initial configuration guidelines. |          |                                                                                  |
| Operating System Requirements | Windows Server 2003 Enterprise Edition                                                                                                                                                                                              |          | Windows 2000 Server (SP4)                                                        |
| Database <sup>3</sup>         | SQL Server 2005                                                                                                                                                                                                                     |          | SQL Server 2000 (SP3) or SQL Server 2000 Desktop Engine (MSDE 2000) <sup>4</sup> |
| Data Access                   | MDAC 2.8                                                                                                                                                                                                                            |          |                                                                                  |
| OLAP Cube Output              | SQL Server 2000 Analysis Services                                                                                                                                                                                                   |          | SQL Server 7.0 OLAP Services                                                     |

### Web server requirements

| Item      | Recommended                  | Required | Acceptable |
|-----------|------------------------------|----------|------------|
| Processor | 1 GHz or higher              |          |            |
| RAM       | 512 MB or higher recommended |          |            |

| Item                  | Recommended                                                                                                                                                  | Required | Acceptable                                                    |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------------------------------------------------|
| Hard Disk             | 10 GB+ available space recommended, but 5 GB may be sufficient. However, specific disk requirements vary widely and must be planned for based on the volume. |          | Windows 2000 Server (SP4), with Internet Information Services |
| Operating System      | Windows Server 2003 Enterprise Edition, with Internet Information Services                                                                                   |          |                                                               |
| Internet              | <ul style="list-style-type: none"> <li>• Internet Explorer 6.0</li> <li>• Sun Java Virtual Machine</li> </ul>                                                |          |                                                               |
| Print Support Service | BCL easy PDF 3.10.021 (Included on the FRx installation CD)                                                                                                  |          |                                                               |
| Data Access           | MDAC 2.8                                                                                                                                                     |          |                                                               |

## Terminal Services

FRx can also be installed and used on Terminal Services (with or without Citrix MetaFrame). In this setup, the Terminal Server may be used in place of the client workstation and Web client workstation. FRx Report Server is strongly recommended when using Terminal Services due to the high processor and memory requirements for generating reports. The GL database, FRx Report Server and FRx WebPort should be located on one or more separate servers. Please note that Terminal Services (with or without Citrix MetaFrame) is the only supported environment for running FRx applications on a wide-area network (WAN).

| Item      | Recommended                                                                                                                                                                                      | Required | Acceptable |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------|
| Processor | Dual 1 GHz or higher                                                                                                                                                                             |          |            |
| RAM       | 1 GB+ available memory                                                                                                                                                                           |          |            |
| Hard Disk | 20 GB+ available storage, but 10 GB may be sufficient. However, specific disk requirements vary widely and must be planned for based on the volume of data to be analyzed. These recommendations |          |            |

| Item                        | Recommended                                                                                                                                | Required | Acceptable                                                           |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------------------------------------------------------------|
|                             | are initial configuration guidelines.                                                                                                      |          |                                                                      |
| Operating System            | Windows Server 2003 Enterprise Edition (Application Mode)                                                                                  |          | Windows 2000 Server (SP4) with Terminal Services (Application mode)  |
| Citrix MetaFrame (Optional) |                                                                                                                                            |          | Citrix MetaFrame XP (any edition is acceptable)                      |
| Mail Services               | Outlook 2007 or Outlook 2003                                                                                                               |          | <ul style="list-style-type: none"> <li>Outlook 2000 or XP</li> </ul> |
| Help Documentation          | Adobe Reader v6.0 or later required ( <a href="http://www.adobe.com">http://www.adobe.com</a> )                                            |          |                                                                      |
| Productivity                | <ul style="list-style-type: none"> <li>Office Professional Edition 2007</li> <li>-or-</li> <li>Office Professional Edition 2003</li> </ul> |          | Office Professional Edition XP or Office Professional Edition 2000   |
| Data Access                 | MDAC 2.8                                                                                                                                   |          |                                                                      |
| OLAP Output                 | SQL Server 2000 Analysis Services Client                                                                                                   |          | SQL Server 7.0 OLAP Services Client                                  |

## Performance Considerations

Additional applications, databases, or network traffic can affect the performance of FRx. Please consult with your organization's IT department to ensure necessary environments are established to support optimal performance of FRx for your environment.

## International Support

FRx is translated and certified for international use<sup>2</sup>. In addition to standard English (U.S.) certification, translated versions of FRx have been tested and certified using the following settings:

| Operating System        | Regional Settings | FRx Language                       |
|-------------------------|-------------------|------------------------------------|
| Windows XP Professional | French (France)   | English (EN-US)<br>French (FR-FR)  |
|                         | German (Germany)  | English (EN-US)<br>German (DE-DE)  |
|                         | Spanish (Spain)   | English (EN-US)<br>Spanish (ES-ES) |
| Windows Server 2003     | French (France)   | English (EN-US)<br>French (FR-FR)  |
|                         | German (Germany)  | English (EN-US)<br>German (DE-DE)  |
|                         | Spanish (Spain)   | English (EN-US)<br>Spanish (ES-ES) |

## Notes

- <sup>1</sup> Data Refresher is required for Microsoft Dynamics NAV implementation of FRx. Please ask your reseller for more information.
- <sup>2</sup> Check with your salesperson to determine if your GL interface will support a localized version of FRx.
- <sup>3</sup> For more information about how to make sure you are compliant with CAL licensing standards, see [http://www.microsoft.com/resources/sam/lic\\_cal\\_sql\\_server.msp](http://www.microsoft.com/resources/sam/lic_cal_sql_server.msp).
- <sup>4</sup> While MSDE is an acceptable platform, it is best suited for FRx FDM databases that will not exceed the MSDE size limit of 2GB. Please check with your reseller for more information.

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