

# DATASTREAM 7i™ PRODUCT FAMILY VERSION 7.10

## HARDWARE AND SOFTWARE REQUIREMENTS

This document provides hardware and software requirements for the Datastream 7i v7.10 product family. Unless specifically noted, the hardware requirements listed below should not be combined to determine requirements for a single physical machine.

The requirements listed are designed to meet the needs of the majority of Datastream's customer installations, but as each customer may have unique needs, these requirements should only be regarded as a guideline. If you need detailed hardware and software configuration information for your installation, please contact your Datastream Sales Representative.

### Datastream 7i Extended - Oracle Version

#### Database Server

##### Hardware

Processor	<i>For Sun or IBM systems</i> —Dual 1.5 GHz processor <i>For Intel-based systems</i> —Dual 2.4 GHz Xeon processor
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RAM	4 GB
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Hard Disk Space	5 – 73 GB SCSI drives or File Server, RAID configuration
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CD-ROM drive	Required for installation
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##### Software

Database	Oracle 10g version 10.2.0.1
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Operating System	Datastream 7i supports the same operating systems that Oracle supports. Refer to the Oracle documentation for further information on supported operating systems.
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#### Application Server Using JBoss, Tomcat, and Apache

##### Hardware

Processor	<i>For Sun or IBM systems</i> —Dual 1.5 GHz processor <i>For Intel-based systems</i> —Dual 2.4 GHz Xeon processor
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RAM	2 GB total; 1024 + 192 MB for JBoss Application Server (including Tomcat)
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Hard Disk Space	2 – 73 GB SCSI, RAID configuration
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##### Software

Applications	JBoss 4.0.2, Tomcat 5.5.9, Apache 2.0.55, (Unix), Apache 2.0.54 (Windows), Sun JRE 1.5.0_03-b07 (included on CD)
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Operating System	Windows Server 2003 SP 1 Red Hat Enterprise Linux Advanced Server 4 Solaris 10
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**Note:** The JDK requires a 32-bit compatible operating system

#### Datastream 7i Advanced Reporting Server (Cognos)

##### Hardware

Processor	<i>For Sun systems</i> —Dual 1.5GHz processor <i>For Intel-based systems</i> —Dual 2.4 GHz Xeon processor
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RAM	2 GB for small to medium installations with moderate usage or 4 GB for large installations with heavy usage
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Hard Disk Space	2 – 73 GB SCSI, RAID configuration
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Applications	Cognos ReportNet v1.1 (included on CD) Oracle client 10.2.0.1.0
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Operating System	Windows Server 2003 SP 1 Solaris 9
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**Note:** The Advanced Reporting Server must be installed on a separate machine and requires a 32-bit compatible operating system

## Report Server - Crystal Clear

### Hardware

Processor	<i>For Sun based systems</i> —1.0 GHz processor <i>For Intel based systems</i> —2.0 GHz Pentium 4 processor
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RAM	2 GB total, 768 MB JVM
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Hard Disk Space	2 - 73 GB SCSI, RAID configuration
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### Software

Application	Crystal Reports 8.5 Professional (only required if creating or modifying reports)
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Operating System	Windows Server 2003 SP 1 Red Hat Enterprise Linux Advanced Server 4 Solaris 10
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**Note:** The Report Server – Crystal Clear must be installed on a separate machine and is only available with the JBoss application server version. The JDK requires a 32-bit compatible operating system. The Report Server requires that a file share (directory) be accessible to the Report Server machine and each Datastream 7i Extended application server.

## Application Server Using WebSphere

### Hardware

Processor	<i>For Sun or IBM systems</i> —Dual 1.5 GHz processor <i>For Intel-based systems</i> —Dual 2.4 GHz Xeon processor
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RAM	4 GB
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Hard Disk Space	2 – 73 GB SCSI, RAID configuration
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### Software

Applications	WebSphere Application Server Network Deployment 6.0.2.1 (32-bit version)
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Operating System	Red Hat Enterprise Linux Advanced Server 4 Solaris 10 AIX 5.3
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## Application Server Using WebLogic

### Hardware

Processor	Intel Dual 2.4 GHz Xeon processor
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RAM	4 GB
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Hard Disk Space	2 – 73 GB SCSI, RAID configuration
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### Software

Applications	BEA WebLogic Server 8.1 SP 5 (32-bit version)
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Operating System	Red Hat Enterprise Linux Advanced Server 4
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## Client

### Hardware

Processor	Intel 1.6 GHz Pentium 4
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RAM	256 MB
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Screen	1024 × 768 minimum
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### Software

Applications	Internet Explorer 6.0 SP 1 or SP2 Microsoft Project 2003 (for the Project module interface) Adobe Acrobat Reader 7.0
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Operating System	Internet Explorer 6.0-supported operating systems
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# Datastream 7i Extended - SQL Server Version

## Database Server

### Hardware

Processor	Intel Dual 2.4 GHz Xeon processor
RAM	4 GB
Hard Disk Space	5 – 73 GB SCSI or File Server, RAID configuration
CD-ROM drive	Required for installation

### Software

Database	SQL Server 2000 SP 4 (32-bit) SQL Server 2005 SP1 (Enterprise or Standard) (32-bit)
Operating System	Datastream 7i supports the same operating systems that Microsoft supports. Refer to the Microsoft SQL Server documentation for further information on supported operating systems.

## Application Server

### Hardware

Processor	Intel Dual 2.4 GHz Xeon processor
RAM	2 GB total; 1024 + 192 MB for JBoss Application Server (including Tomcat)
Hard Disk Space	2 – 73 SCSI, RAID Configuration

### Software

Applications	JBoss 4.0.2, Tomcat 5.5.9, Apache 2.0.54, Sun JRE 1.5.0_03-b07 (included on CD)
Operating System	Windows Server 2003 SP 1

**Note:** The JDK requires a 32-bit compatible operating system.

## Client

### Hardware

Processor	Intel 1.6 GHz Pentium 4
RAM	256 MB
Screen	1024 × 768 minimum

### Software

Applications	Internet Explorer 6.0 SP 1 or SP2 Microsoft Project 2003 (for the Project module interface) Adobe Acrobat Reader 7.0
Operating System	Internet Explorer 6.0-supported operating systems

## Datastream 7i Advanced Reporting Server (Cognos)

### Hardware

Processor	Intel Dual 2.4 GHz Xeon processor
RAM	2 GB for small to medium installations with moderate usage or 4 GB for large installations with heavy usage
Hard Disk Space	2 – 73 GB SCSI, RAID configuration

### Applications

Cognos ReportNet v1.1 MR2 (included on CD)  
SQL 2000 Server client

### Operating System

Windows Server 2003 SP 1

**Note:** The Advanced Reporting Server must be installed on a separate machine.

## Report Server – Crystal Clear

### Hardware

Processor	Intel 2.0 GHz Pentium 4
RAM	2 GB total; 768 MB JVM
Hard Disk Space	2 – 73 GB SCSI, RAID configuration

### Software

Applications	Crystal Reports 8.5 Professional (only required if creating or modifying reports)
Operating Systems	Windows Server 2003 SP 1

**Note:** The Report Server – Crystal Clear must be installed on a separate machine. The JDK requires a 32-bit compatible operating system. The Report Server requires that a file share (directory) be accessible to the Report Server machine and each Datastream 7i Extended application server, and only supports single-byte languages.

## Datastream 7i Advanced Modules

**Note:** All Datastream 7i Advanced Modules require the Datastream 7i Extended product and are available in all database (Oracle and SQL) and application (JBoss, Websphere, WebLogic) versions unless otherwise noted.

## Datastream 7i Analytics

### Server

#### Hardware

Processor	Intel Dual 2.0 GHz Xeon processor
RAM	2 GB
Hard Disk Space	2 – 73 GB SCSI configuration

#### Software

Applications	Office Web Component 10 Microsoft .NET Framework version 1.1 SP 1 MDAC 2.7 or greater Microsoft IIS 6.0 Oracle version only: Oracle Client 10.2.0.1.0 Oracle Data Provider for .Net 10.2.0.1.0
Operating System	Windows Server 2003 SP 1

**Note:** The Datastream 7i Analytics Server must be installed on a separate machine.

### Client

#### Hardware

Processor	Intel 1.6 GHz Pentium 4
RAM	256 MB
Hard Disk Space	100 MB available
Screen	1024 × 768 minimum

#### Software

Applications	Office Web Component 10 and 11 Microsoft .NET Framework version 1.1 SP 1 Microsoft Office Excel (XP or 2003)
Operating System	Windows XP Professional, Windows 2000, Windows 2003

## GIS

### ArcIMS Server

#### Hardware

Hardware	Follow ESRI guidelines
Software	Follow ESRI guidelines
ArcIMS	9.0 SP3 9.1 SP1
Applications	Microsoft .NET Framework version 1.1

#### Software

## ArcGIS Desktop

**Hardware** Follow ESRI guidelines

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### Software

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Operating System	Windows XP Professional SP2 Windows 2003 Server
ArcGIS Desktop	ArcView, ArcEditor, ArcInfo - 9.0 SP3 with .Net Support ArcView, ArcEditor, ArcInfo - 9.1 SP 1 with .Net Support
Applications	Microsoft .NET Framework version 1.1

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## *Databridge Integration Tool*

**Important:** The hardware requirements are highly dependent on the customer's integration requirements.

## WebMethods based Partner Server

**Notes:** A runtime license of the Integration server and client from webMethods is included in the Databridge license for use with Datastream 7i.

### Hardware

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Processor	Intel Dual 2.4 GHz Xeon processor
RAM	2 GB
Hard Disk Space	2 – 73 GB SCSI – RAID configuration

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### Software

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Application	Sun JDK 1.4.2_03 (included on CD) for Windows Sun JDK 1.4.2 (48.0) (included on CD) for Linux webMethods Integration Server v6.1
Operating System	Windows Server 2003 SP 1 Red Hat Enterprise Linux Advanced Server 2.1

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## Databridge Server

**Hardware** Refer to Datastream 7i Extended requirements

**Software** Refer to Datastream 7i Extended requirements

## *Datastream 7i Mobile*

**Important:** Barcode functionality of Datastream 7i Mobile is available via wedge scanner software only.

## Client (Quarter VGA)

### Hardware

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Processor	Mobile device processors supporting Microsoft Pocket PC 2003 or Windows Mobile 5.0 Pocket PC
RAM	64 MB
Screen	320 × 240 (Quarter VGA)

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### Software

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Application	ActiveSync 4.1
Database	Microsoft SQL Server 2005 Mobile Edition
Operating System	Pocket PC 2003, Windows Mobile 5.0 Pocket PC

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## Client (Full VGA)

### Hardware

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Processor	Intel 1.6 GHz Pentium 4
RAM	256 MB
Screen	1024 × 768 minimum

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### Software

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Application	Microsoft .NET Framework version 2.0
Database	Microsoft SQL Server 2005 Express Edition
Operating System	Windows XP Professional

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## ***Datastream 7i Barcoding***

### **Server**

#### **Hardware**

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Processor	Intel 1.6 GHz Pentium 4
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RAM	512 MB
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Screen	1024 × 768 minimum
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Label Printers Supported	Zebra 105SE, Zebra s500, Zebra s600, Intermec 3400, Intermec 3400e
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#### **Software**

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Application	Microsoft .NET Framework version 1.1 IIS 6.0
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Operating System	Windows Server 2003 SP 1 Windows XP Professional
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**Note:** Datastream 7i Barcoding Server must be installed on a separate machine from the Datastream 7i Extended Application Server.

## ***Datastream 7i Microsoft Project 2003 Interface***

### **Client**

#### **Hardware**

Follow Microsoft guidelines for Project 2003

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#### **Software**

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Operating System	Windows XP Professional
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MS Project	2003 Standard 2003 Professional
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Applications	Microsoft .NET Framework version 1.1
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## ***Datastream 7i Upload Utility***

### **Client**

#### **Hardware**

Refer to Datastream 7i Extended client requirements

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#### **Software**

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Operating System	Windows XP Professional
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Applications	Microsoft .NET Framework version 1.1
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## ***Datastream 7i Buy***

### **Client**

#### **Hardware**

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Processor	Intel 1.6 GHz Pentium 4
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RAM	256 MB
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Screen	800 × 600 minimum
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#### **Software**

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Applications	Internet Explorer 6.0 SP 1 or SP 2
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Operating System	Internet Explorer 6.0 supported operating systems
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# Datastream 7i Forms

## Database Server

### Hardware

Processor	<i>For Sun or IBM hardware</i> —Dual 1.5 GHz processor <i>For Intel-based systems</i> —Dual 2.4 GHz Xeon processor
RAM	4 GB
Hard Disk Space	5 – 73 GB SCSI drives or File Server, RAID configuration
CD-ROM drive	Required for installation

### Software

Database	Oracle 10g version 10.2.0.1
Operating System	Datastream 7i supports the same operating systems that Oracle supports. Refer to the Oracle documentation for further information on supported operating systems.

## Application Server

### Hardware

Processor	<i>For Sun or IBM hardware</i> — Dual 1.5 GHz processor <i>For Intel-based systems</i> — Dual 2.4 GHz Xeon processor
RAM	4 GB
Hard Disk Space	2 – 73 GB SCSI, RAID configuration

### Software

Applications Server	Oracle Application Server 10g R2 (10.1.2.0.2) or Oracle Forms and Reports Services Standalone (10.1.2.0.2)
Operating System	Windows Server 2003 SP 1 Solaris 10 Red Hat Enterprise Linux Advanced Server 4 AIX 5.3

## Client

### Hardware

Processor	Intel 1.6 GHz Pentium 4
RAM	384 MB
Screen	800 × 600 minimum

### Software

Applications	Forms-capable Web browser (Internet Explorer 6.0 SP 2) Oracle JInitiator 1.3.1.22 (The minimum JInitiator cache of 100 MB, which is the default setting, is required.) Adobe Acrobat Reader 7.0 Microsoft Project 2002 (for the Project module interface)
Operating System	Internet Explorer 6.0-supported operating systems