



WEB SERVER REQUIREMENTS

CONFIGURATION
Microsoft Internet Explorer 6.0 with latest Service Packs
1024x768 Screen Resolution or Higher with 256 Colors or Higher
Note: <ul style="list-style-type: none"> • Application runs in 32 bit compatibility mode on 64 bit servers • Windows 2008 and Vista <u>are not</u> supported by the current release
COMPONENTS REQUIRED BEFORE INSTALLATION
Microsoft Data Access Components 2.8 (<i>installed by default in Windows 2003</i>)
Oracle OLEDB Provider 10.2.0.4.0 (<i>required for Oracle 10g DB users only</i>)
Microsoft Web Services Enhancements 3.0
Windows Installer 3.1
Microsoft .NET 2.0 framework and GZIP compression enabled for dynamic content
COMPONENTS INCLUDED WITH INSTALLATION PACKAGE
Crystal Reports Server XI

DATABASE SERVER REQUIREMENTS

Please note: For optimum performance, the Database server and the Web server should be two different pieces of hardware.

DATABASE SERVER PLATFORMS	VERSION	COLLATION SEQUENCES
SQL Server	SQL Server 2005 Enterprise Edition Compatibility 9.0 / CLR enabled (Service Pack 2)	<ul style="list-style-type: none"> • SQL_Latin1_General_CP1_CI_AS • Latin1_General_CI_AS
Oracle	Oracle 10g (10.2.0.4.0)	
CONFIGURATION	Windows 2003 Enterprise R2 Edition 32/64 bit	
COMPONENTS REQUIRED BEFORE INSTALLATION	Oracle OLEDB Provider 10.2.0.4.0 (<i>required for Oracle 10g users only</i>)	

BACKGROUND SERVICES REQUIREMENTS

Background Services is a Windows service that executes background and scheduled tasks. This component is required by the *Thomson IP Manager*[®] Process Architect.

Background Services may be installed directly on the Web server, or on a completely separate server. Organizations that anticipate establishing a large number of automated processes may benefit from installing this component on a separate machine. This may also be necessary if your server administrator does not allow the installation of executables or Windows services on Web servers. See **Examples** for more details on server suggestions.



WORKSTATION REQUIREMENTS

ENVIRONMENT	CONFIGURATION
Processor	Intel Core 2 Duo
Browser	Internet Explorer 6.0/7.0 (<i>JavaScript and Cookies enabled</i>)
Office	Microsoft Office XP/2003
RAM	2 GB of RAM
DEFAULT SOFTWARE REQUIREMENTS	
1024x768 Screen Resolution or Higher with 256 Colors or Higher	
For Resource Administrators that will create Crystal Reports templates: Crystal Reports XI Developer, or Crystal Reports 2008	
<p>Thomson IP Management Services provides a variety of sample Crystal Reports with <i>Thomson IP Manager</i>. These reports can be used as delivered, or may be configured by the client to match unique database configurations or specific business requirements.</p> <p>Report configuration services are also available from Thomson IP Management Services, and can be quoted in addition to the implementation of <i>Thomson IP Manager</i>.</p>	

OPTIONAL COMPONENTS

SUPPORTED COMPONENTS	DETAILS
LDAP	<ul style="list-style-type: none"> User account with access to LDAP repository structure to be used by <i>Thomson IP Manager</i>
Active Directory	<ul style="list-style-type: none"> User account with access to Active Directory Microsoft .NET 2.0 framework installed
Single Sign On	<ul style="list-style-type: none"> SiteMinder Version R6 installed/Service Pack 5
Web Farm	<ul style="list-style-type: none"> Windows Server 2003 installed Network Load Balancing Enabled
Virtual Server	<ul style="list-style-type: none"> Microsoft Virtual Server Adequate allocation of resources (See Examples)



EXAMPLES

Server platform examples demonstrate hardware configurations designed to provide optimum performance in a variety of use environments. Fundamentally, we require and support the IIS server components, and support the SQL or Oracle server components. There may be server configurations that support these components that we have not listed or tested. Please contact Thomson IP Management Services if you have additional questions regarding recommended hardware environments to support your users.

EXAMPLES	DATABASE SERVER	WEB SERVER	BACKGROUND SERVICES
Example 1 Large user base (1000+) widely distributed user groups with significant data access and high update activity	<ul style="list-style-type: none"> • Quad-Core Intel Xeon 5300 Sequence • 8 GB of RAM • 100 GB of Free Hard Disk Space 	Web Farm/Windows Server with network load balancing enabled	<ul style="list-style-type: none"> • Dual Core Processor - 2 GHz • 4 GB of RAM • 50 MB of Free Hard Disk Space
Example 2 Large user base (100+) widely distributed user base with frequent data updates and numerous automated processes	<ul style="list-style-type: none"> • Quad-Core Intel Xeon 5300 Sequence • 8 GB of RAM • 100 GB of Free Hard Disk Space 	<ul style="list-style-type: none"> • Quad Core Intel Xeon 5300 Sequence • Internet Information Server 6.0 • 8 GB of RAM • 50 GB of Free Hard Disk Space 	<ul style="list-style-type: none"> • Dual Core Processor - 2 GHz • 4 GB of RAM • 50 MB of Free Hard Disk Space
Example 3 Medium size user base (60+) located within a Local Area Network with moderate data update activity	<ul style="list-style-type: none"> • Dual Core Processor - 2Ghz • 4 GB of Ram • 60 GB of Free Hard Disk Space 	<ul style="list-style-type: none"> • Dual Core Processor • Internet Information Server 6.0 • 4 GB of Ram • 50 GB of Free Hard Disk Space 	
Example 4 Medium size user base (60+) located within a Local Area Network with numerous collaboration processes	<ul style="list-style-type: none"> • Dual Core Processor • 4 GB of Ram • 60 GB of Free Hard Disk Space 	<ul style="list-style-type: none"> • Dual Core Processor • Internet Information Server 6.0 • 4 GB of Ram • 50 GB of Free Hard Disk Space 	<ul style="list-style-type: none"> • Dual Core Processor - 2Ghz • 4 GB of Ram • 50 MB of Free Hard Disk Space
Example 5 Medium size user base (60+) European based organization	<ul style="list-style-type: none"> • Dual Core Processor • RAM - 4 GB of RAM • 60 GB of Free Hard Disk Space • German Operating System • Collation Sequence - Latin1_General_CI_AS 	<ul style="list-style-type: none"> • Dual Core Processor • Internet Information Server 6.0 • 4 GB of Ram • 50 GB of Free Hard Disk Space • German Operating System 	
Example 6 Small user base (5 or fewer users updating data) located within a Local Area Network with light to moderate activity	<ul style="list-style-type: none"> • Dual Core Processor – 3 GHz • Internet Information Server 6.0 • 4 GB of RAM • 50 GB of Free Hard Disk Space 		

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