



System Requirements

Discovery Cracker Components

The Discovery Cracker program is a component-based application made up of the following components:

- Workflow Manager
- QC Server
- DC Engine
- Discovery Cracker Console
- DC Detective Web Application (optional)

The Discovery Cracker program can be installed as a single-box solution or as a distributed, scalable solution, which we refer to as our advanced solution.

The Discovery Cracker environment requires Microsoft® SQL Server™ and, for an advanced solution, one or more file servers.

The following is a brief description of each of the components listed above:

Workflow Manager The Workflow Manager distributes the tasks and handles the communication between the Discovery Cracker program components and the SQL database.

QC Server The QC Server handles the communication between the Workflow Manager and the Discovery Cracker Console.

DC Engine The DC Engine handles the processing of the files.

Discovery Cracker Console Discovery Cracker Console is the user interface for the Discovery Cracker program.

DC Detective Web Application DC Detective is a browser-based tool allowing your customers to preview their data and identify documents for further action.

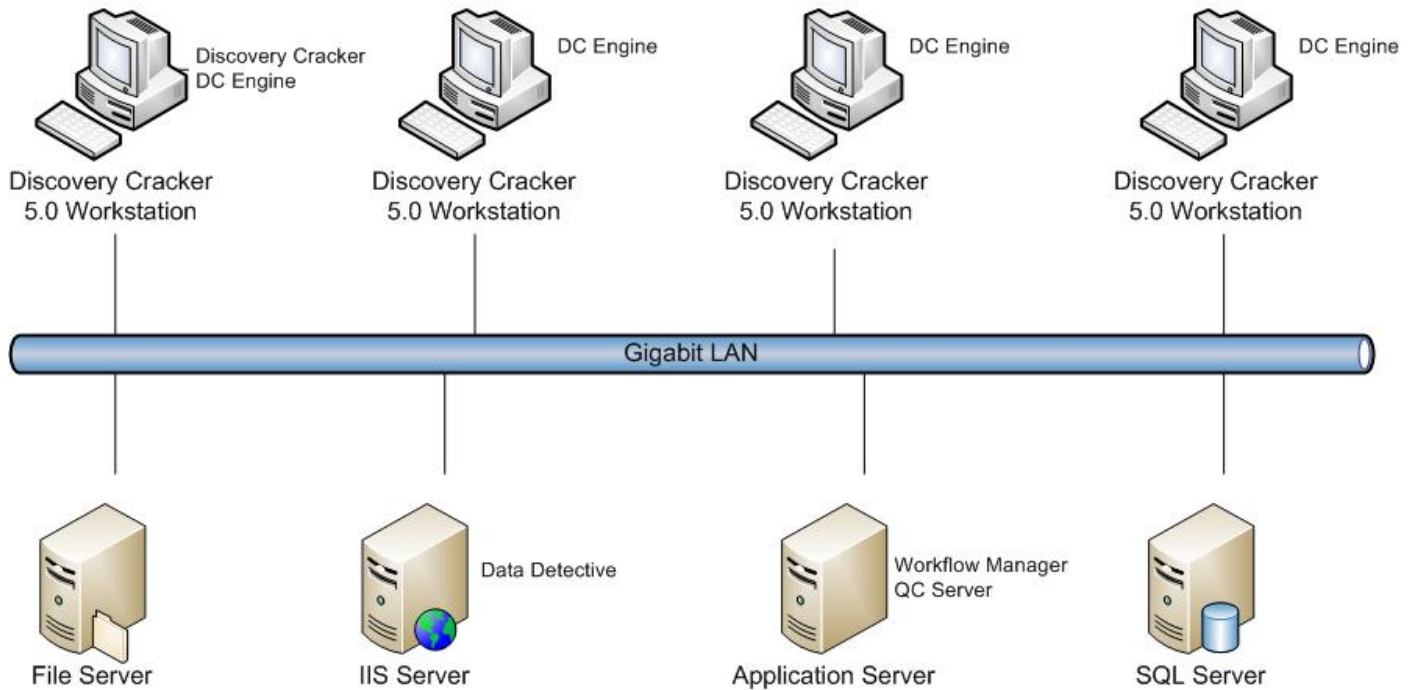
Microsoft SQL Server The databases used with the Discovery Cracker program are stored on the SQL Server.

File Server Input files and output files are stored on one or more file servers.

Please see the example below of a recommended Discovery Cracker environment

Discovery Cracker 5.0 System Requirements

Distributed Discovery Cracker 5.0 Environment



The system requirements for the Discovery Cracker program environment are presented in the following tables:

System Requirements for a Single-Box Solution Using SQL Express

System Requirements for a Single-Box Solution Connecting to a SQL Server

System Requirements for the Computer Running the Workflow Manager and QC Server Co

System Requirements for the Computer Running the DC Engine Component

System Requirements for the Computer Running the Discovery Cracker Console Co

System Requirements for the Computer Hosting the DC Detective Web Application

System Requirements for the SQL Server

System Requirements for the File Server

Table 2.1: System Requirements for a Single-Box Solution Using SQL Express

Single-Box Solution Using SQL Express			
Category	Component	Recommended Requirements	Optimal Requirements
Hardware	Processor	3.0 GHz or faster Intel® Pentium® 4	2.0 GHz or faster Intel Dual Core or Duo Intel Xeon® processors
	Memory	2 GB or more of RAM	2 GB or more of RAM
	Hard Disk	80 GB or larger EIDE or SATA	80 GB or larger SATA or SCSI
	Disk Space	900 MB of available hard disk space to install the Discovery Cracker program. Refer to manufacturer guidelines for the amount of disk space that is needed for the required software listed below.	
	Network Card	Gigabit Ethernet*	
	Display	Super VGA supporting 800 x 600 or higher resolution monitor	
	Installation Method	Disk drive, CD-ROM or DVD-ROM drive, or network share	
	Other	Mouse, keyboard, an available USB port	
Software	Operating System	One of the following: <ul style="list-style-type: none"> • Microsoft® Windows® XP Professional SP2 • Microsoft Windows Server 2003 Standard Edition SP1 64-bit is not currently supported.	
	Applications	All of the following: <ul style="list-style-type: none"> • Microsoft Office Professional Edition 2003 SP2** • Adobe® Acrobat® Standard or Professional Edition 5.0, 6.0, or 7.0 • Microsoft Internet Explorer® 6.0 SP2 or higher • IBM® Lotus Notes® Client 6.5.4, or 7.0 (needed to process NSF files)** • One of the following extraction utilities <ul style="list-style-type: none"> • WinZip® 8.x or higher • PowerArchiver 8.6.0.2 or 9.6.1 • WinRAR 3.40.0 or higher 	
	Database	Microsoft SQL Server™ 2005 Express Edition SP1	
<p>Permissions Required:</p> <ul style="list-style-type: none"> • The user account that runs the Discovery Cracker program must be a member of the administrators group on the computer. • If you want to access files on the network, the user account that runs the Discovery Cracker program needs full control of the share to read, write, and delete files. • Microsoft SQL Server: SQL Server Authentication (install in Mixed Mode) <p>Additional Requirements:</p> <ul style="list-style-type: none"> • ** You need to install Microsoft Office and Lotus Notes according to specific instructions in order to work properly with the Discovery Cracker program. The instructions are provided in Chapter 3 of the <i>Discovery Cracker 5.0 Installation Guide</i>. • Discovery Cracker computers need to be dedicated processing computers. Trying to run other programs while the Discovery Cracker program is running could slow down or interfere with processing. • To prevent conflicts between the Discovery Cracker program and other software, only the software that is listed above should be installed on the Discovery Cracker computer. Be sure to install only the product versions and service packs that are listed. If you would like to install product versions other than those listed or additional software for enhanced processing capabilities, contact Discovery Cracker Product Support at 866-833-5377, for guidance. • We recommend that you keep security patches up to date. <p>*A network card must be installed on all Discovery Cracker processing computers whether the computer is on the network or not. Discovery Cracker uses TCP/IP connections to communicate with its components.</p>			

Table 2.2: System Requirements for a Single-Box Solution Connecting to a SQL Server

Single-Box Solution Connecting to a SQL Server			
Category	Component	Recommended Requirements	Optimal Requirements
Hardware	Processor	3.0 GHz or higher Intel Pentium 4	2.0 GHz or faster Intel Dual Core or Duo Intel Xeon processors
	Memory	2 GB of RAM	2 GB or more of RAM
	Hard Disk	80 GB or larger EIDE or SATA	80 GB or larger SATA or SCSI
	Disk Space	800 MB of available hard disk space to install the Discovery Cracker program. Refer to manufacturer guidelines for the amount of disk space that is needed for the required software listed below.	
	Network Card	Gigabit Ethernet	
	Display	Super VGA supporting 800 x 600 or higher resolution monitor	
	Installation Method	Disk drive, CD-ROM or DVD-ROM drive, or network share	
	Other	Mouse, keyboard, an available USB port	
Software	Operating System	One of the following: <ul style="list-style-type: none"> • Microsoft Windows XP Professional SP2 • Microsoft Windows Server 2003 Standard Edition SP1 64-bit is not currently supported.	
	Applications	All of the following: <ul style="list-style-type: none"> • Microsoft Office Professional Edition 2003 SP2* • Adobe Acrobat Standard or Professional Edition 5.0, 6.0, or 7.0 • Microsoft Internet Explorer 6.0 SP2 or higher • IBM Lotus Notes Client 6.5.4, or 7.0 (needed to process NSF files)* • One of the following extraction utilities <ul style="list-style-type: none"> • WinZip 8.x or higher • PowerArchiver 8.6.0.2 or 9.6.1 • WinRAR 3.40.0 or higher 	
	Database Servers Supported	One of the following: <ul style="list-style-type: none"> • Microsoft SQL Server 2005 <ul style="list-style-type: none"> • Workgroup Edition SP1 • Standard Edition SP1 • Enterprise Edition SP1 	
Permissions Required: <ul style="list-style-type: none"> • The user account that runs the Discovery Cracker program must be a member of the administrators group on the computer. • If you want to access files on the network, the user account that runs the Discovery Cracker program needs full control of the share to read, write, and delete files. • Microsoft SQL Server: SQL Server Authentication (install in Mixed Mode) Additional Requirements: <ul style="list-style-type: none"> • * You need to install Microsoft Office and Lotus Notes according to specific instructions in order to work properly with the Discovery Cracker program. The instructions are provided in Chapter 3 of the <i>Discovery Cracker 5.0 Installation Guide</i>. • Discovery Cracker computers need to be dedicated processing computers. Trying to run other programs while the Discovery Cracker program is running could slow down or interfere with processing. • To prevent conflicts between the Discovery Cracker program and other software, only the software that is listed above should be installed on the Discovery Cracker computer. Be sure to install only the product versions and service packs that are listed. If you would like to install product versions other than those listed or additional software for enhanced processing capabilities, contact Discovery Cracker Product Support at 866-833-5377 for guidance. • We recommend that you keep security patches up to date. 			

Table 2.3: System Requirements for the Computer Running the Workflow Manager and QC Server Components

Workflow Manager/QC Server Computer			
Category	Component	Recommended Requirements	Optimal Requirements
Hardware	Processor	3.0 GHz or faster Intel Pentium 4	2.0 GHz or faster Intel Dual Core or Duo Intel Xeon processors
	Memory	1 GB or more of RAM	2 GB or more of RAM
	Hard Disk	80 GB or larger EIDE or SATA	80 GB or larger SATA or SCSI
	Disk Space	200 MB of available hard disk space to install the Discovery Cracker program.	
	Network Card	Gigabit Ethernet	
	Display	Super VGA supporting 800 x 600 or higher resolution monitor	
	Installation Method	Disk drive, CD-ROM or DVD-ROM drive, or network share	
	Other	Mouse, keyboard, an available USB port	
Software	Operating System	One of the following: <ul style="list-style-type: none"> • Microsoft Windows XP Professional SP2 • Microsoft Windows Server 2003 Standard Edition SP1 64-bit is not currently supported.	
<p>Permissions Required:</p> <ul style="list-style-type: none"> • The user account that runs the Workflow Manager and QC Server components must be a member of the administrators group on the computer. <p>Additional Requirements:</p> <ul style="list-style-type: none"> • The Workflow Manager and QC Server components need to be installed on a dedicated computer. • We recommend that you keep security patches up to date. 			

Table 2.4: System Requirements for the Computer Running the DC Engine Component

DC Engine Computer			
Category	Component	Recommended Requirements	Optimal Requirements
Hardware	Processor	3.0 GHz or faster Intel Pentium 4	2.0 GHz or faster Intel Dual Core or Duo Intel Xeon processors
	Memory	1 GB or more of RAM	2 GB of RAM
	Hard Disk	80 GB or larger EIDE or SATA	80 GB or larger SATA or SCSI
	Disk Space	300 MB of available hard disk space to install the Discovery Cracker program. Refer to manufacturer guidelines for the amount of disk space that is needed for the required software listed below.	
	Network Card	Gigabit Ethernet	
	Display	Super VGA supporting 800 x 600 or higher resolution monitor	
	Installation Method	Disk drive, CD-ROM or DVD-ROM drive, or network share	
	Other	Mouse, keyboard	
Software	Operating System	One of the following: <ul style="list-style-type: none"> • Microsoft Windows XP Professional SP2 • Microsoft Windows Server 2003 Standard Edition SP1 64-bit is not currently supported.	
	Applications	All of the following: <ul style="list-style-type: none"> • Microsoft Office Professional Edition 2003 SP2* • Adobe Acrobat Standard or Professional Edition 5.0, 6.0, or 7.0 • Microsoft Internet Explorer 6.0 SP2 or higher • IBM Lotus Notes Client 6.5.4, or 7.0 (needed to process NSF files)* • One of the following extraction utilities <ul style="list-style-type: none"> • WinZip 8.x or higher • PowerArchiver 8.6.0.2 or 9.6.1 • WinRAR 3.40.0 or higher 	
Permissions Required: <ul style="list-style-type: none"> • The user account that runs the DC Engine component must be a member of the administrators group on the computer. • If you want to access files on the network, the user account that runs the DC Engine component needs full control of the share to read, write, and delete files. Additional Requirements: <ul style="list-style-type: none"> • * You need to install Microsoft Office and Lotus Notes according to specific instructions in order to work properly with the Discovery Cracker program. The instructions are provided in Chapter 3 of the <i>Discovery Cracker 5.0 Installation Guide</i>. • When installing the DC Engine component on Windows Server 2003, you must perform the installation locally, not via remote desktop. • DC Engine computers need to be dedicated processing computers. Trying to run other programs while the DC Engine is running could slow down or interfere with processing. • Only the software that is listed above should be installed on the DC Engine computer. Be sure to install only the product versions and service packs that are listed. If you would like to install product versions other than those listed or additional software for enhanced processing capabilities, contact Discovery Cracker Product Support at 866-833-5377, for guidance. • We recommend that you keep security patches up to date. 			

Table 2.5: System Requirements for the Computer Running the Discovery Cracker Console Component

Discovery Cracker Console Computer			
Category	Component	Recommended Requirements	Optimal Requirements
Hardware	Processor	3.0 GHz or faster Intel Pentium 4	2.0 GHz or faster Intel Dual Core or Duo Intel Xeon processors
	Memory	1 GB or more of RAM	2 GB or more of RAM
	Hard Disk	80 GB or larger EIDE or SATA	80 GB or larger SATA or SCSI
	Disk Space	200 MB of available hard disk space to install the Discovery Cracker program. Refer to manufacturer guidelines for the amount of disk space that is needed for the required software listed below.	
	Network Card	Gigabit Ethernet	
	Display	Super VGA supporting 800 x 600 or higher resolution monitor	
	Installation Method	Disk drive, CD-ROM or DVD-ROM drive, or network share	
	Other	Mouse, keyboard	
Software	Operating System	One of the following: <ul style="list-style-type: none"> • Microsoft Windows XP Professional SP2 • Microsoft Windows Server 2003 Standard Edition SP1 64-bit is not currently supported.	
	Applications	All of the following: <ul style="list-style-type: none"> • Microsoft Office Professional Edition 2003 SP2* • Adobe Acrobat Standard or Professional Edition 5.0, 6.0, or 7.0 • Microsoft Internet Explorer 6.0 SP2 or higher • IBM Lotus Notes Client 6.5.4, or 7.0 (needed to process NSF files)* • One of the following extraction utilities <ul style="list-style-type: none"> • WinZip 8.x or higher • PowerArchiver 8.6.0.2 or 9.6.1 • WinRAR 3.40.0 or higher 	
Permissions Required: <ul style="list-style-type: none"> • The user account that runs the Discovery Cracker Console component must be a member of the administrators group on the computer. • If you want to access files on the network, the user account that runs the Discovery Cracker Console component needs full control of the share to read, write, and delete files. Additional Requirements: <ul style="list-style-type: none"> • * You need to install Microsoft Office and Lotus Notes according to specific instructions in order to work properly with the Discovery Cracker program. The instructions are provided in Chapter 3 of the <i>Discovery Cracker 5.0 Installation Guide</i>. • Discovery Cracker Console computers need to be dedicated computers. • We recommend that you keep security patches up to date. 			

Table 2.6: System Requirements for the Computer Hosting the DC Detective Web Application

DC Detective Computer			
Category	Component	Recommended Requirements	Optimal Requirements
Hardware	Processor	2.2 GHz or higher Intel Pentium 4	2.8 GHz Intel Pentium 4 or Intel Xeon processor
	Memory	1 GB of RAM	2 GB of RAM
	Hard Disk	80 GB EIDE or SATA	80 GB or more SATA or SCSI
	Disk Space	100 MB of available hard disk space to install the Discovery Cracker program.	
	Network Card	Gigabit Ethernet	
	Display	Super VGA supporting 800 x 600 or higher resolution monitor	
	Installation Method	Disk drive, CD-ROM or DVD-ROM drive, or network share	
	Other	Mouse, keyboard	
Software	Operating System	One of the following: <ul style="list-style-type: none"> • Microsoft Windows XP Professional SP2 • Microsoft Windows Server 2003 Standard Edition SP1 	One of the following: <ul style="list-style-type: none"> • Microsoft Windows Server 2003 <ul style="list-style-type: none"> • Standard Edition SP1 • Enterprise Edition SP1 64-bit is not currently supported.
	Applications	Internet Information Services (IIS) Server 5.1 for use with Microsoft Windows XP Internet Information Services (IIS) Server 6.0 for use with Microsoft Windows Server 2003	Internet Information Services (IIS) Server 6.0
Permissions Required: <ul style="list-style-type: none"> • If you want to access files on the network, the user account that runs the DC Detective needs full control of the share to read, write, and delete files. Additional Requirements: <ul style="list-style-type: none"> • DC Detective should be installed on a dedicated Web server. 			

Table 2.7: System Requirements for the SQL Server

SQL Server			
Category	Component	Recommended Requirements	Optimal Requirements
Hardware	Processor	Dual 2.8 GHz or faster Intel Xeon Processors	Quad 3.0 GHz or faster Intel Xeon Processors
	Memory	3 GB or more of RAM	4 GB or more of RAM
	Hard Disk	SATA or SCSI	
	Data Storage Options	Network-attached storage (NAS)	One of the following: <ul style="list-style-type: none"> • Network-attached storage (NAS) • Storage area network (SAN)
	Network Card	Gigabit Ethernet	
	Display	VGA supporting 800 x 600 or higher resolution monitor	
	Other	Keyboard, mouse	
Software	Operating System	Microsoft Windows Server 2003 Standard Edition SP1	One of the following: <ul style="list-style-type: none"> • Microsoft Windows Server 2003 <ul style="list-style-type: none"> • Enterprise Edition SP1 • Datacenter Edition SP1 • Standard Edition SP1 (64-bit) • Enterprise Edition SP1 (64-bit) • Datacenter Edition SP1 (64-bit)
	Database	One of the following: <ul style="list-style-type: none"> • Microsoft SQL Server 2005 <ul style="list-style-type: none"> • Workgroup Edition SP1 • Standard Edition SP1 	One of the following: <ul style="list-style-type: none"> • Microsoft SQL Server 2005 • Enterprise Edition SP1 • Enterprise Edition SP1 (64-bit)
Permissions Required: SQL Server authentication (installed in Mixed Mode)			

Table 2.8: System Requirements for the File Server

File Server			
Category	Component	Recommended Requirements	Optimal Requirements
Hardware	Processor	2.8 GHz or faster Intel Xeon Processors	Dual 3.0 GHz or faster Intel Xeon Processors
	Memory	1 GB or more of RAM	2 GB or more of RAM
	Hard Disk	SATA or SCSI	
	Data Storage Options	Network-attached storage (NAS)	One of the following: <ul style="list-style-type: none"> • Network-attached storage (NAS) • Storage area network (SAN)
	Network Card	Gigabit Ethernet	
	Display	VGA supporting 800 x 600 or higher resolution monitor	
	Other	Keyboard, mouse	
Software	Operating System	Microsoft Windows Server 2003 Standard Edition SP1	One of the following: <ul style="list-style-type: none"> • Microsoft Windows Server 2003 <ul style="list-style-type: none"> • Enterprise Edition SP1 • Standard Edition SP1 (64-bit) • Enterprise Edition SP1 (64-bit)