

Technical specification Capitex System

Overall system description

Capitex System is a layered object oriented component based client/server solution for the WIN32 environment, with focus on simplicity and scalability.

The system is designed for scalability, and designed to work in the span from a single user environment to hundreds of simultaneous users.

Integration with misc. Internet services and MS Office products is a key feature, combined with an open architecture for customer specific solutions.

Operating systems

The following operating systems can work as a client platform for the system

- Windows NT 4 (SP5)
- Windows 2000
- Windows XP

The systems interface is similar to an MDI (Multiple Document Interface) application where you are work with multiple windows.

In Windows 95/98 and Windows Me the operating systems resources to handle a complex interface and many components are limited. In a lack of resources the application may fail. Therefore the recommendation is operating systems bases on the NT-kernel (Windows NT, 2000, XP) where these resources are unlimited.

Hardware

The requirements on hardware vary much, and depend on the amount of data to handle, the size of the application, type of data-source and the number of simultaneous users.

Minimum requirements for a client computer

Processor at least	Pentium 266
Memory	64 MB (128 Mb for Windows XP, 2000)

If the same computer is to be an MSDE(Microsoft Data Engine) data-server (see Data-sources), the minimum memory requirements go up with to at least 128 MB.

Data-sources

In the latest version of the system, the following data-sources are supported:

- SQL Server 2000
- SQL Server 7.0
- Microsoft Data Engine (MSDE 1.0)
- SQL Server 2000 Desktop Engine (MSDE 2000)

Capitex recommends the latest Service Packs for respectively database server.

Microsoft's ADO (Active Data Objects) are used for communication against the data-sources.

For more information about data-sources, see appendix *Data-sources for Capitex System*.

Component model

COM = "Component Object Model" is the foundation used for component communication. COM's Dispatch-interface ("automation") is used in COM by our components. This interface is supported by Visual Basic and most other development platforms, as VB-Script, Delphi, C++, java, and asp.

The objective with the component model is to maximize the reusability this reduces development and test time, and the possibility to use key-components in web-solutions, and the possibility to offer customer specific solutions.

n-tier architecture

The objective with the layering model is to reduce bandwidth and increase scalability to hundreds of simultaneous users.

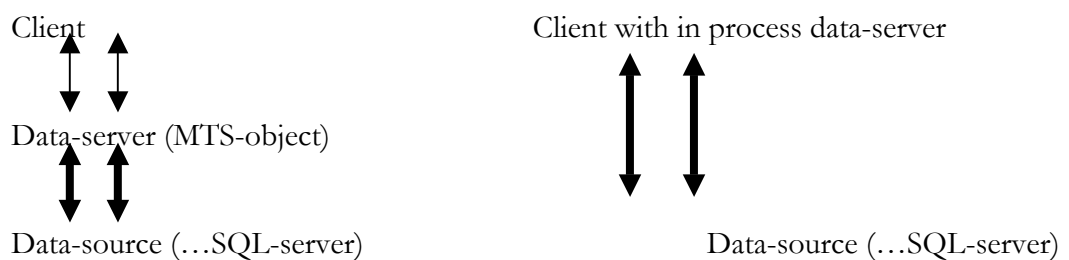
The layering model is used both for database access and business logic, as for example tax calculations.

Description of layers for database access

- User interface
- Logic
- Internal transaction manager
- Client side data transport components
- -----Communication layer. Potentially low bandwidth
- Server side data transport components
- Server side data manager
- OLE-DB via ADO
- -----Communication layer. Potentially low bandwidth
- SQL-server

Description of layers for business logic

- User interface
- Logic
- Client side data transport components
- -----Communication layer. Potentially low bandwidth
- Server side data transport components
- Business logic



The server side data manager handles all database communication. This component can be run directly by the client, or on a separate computer via Microsoft Transaction Server/Component Services.

Layering principles

- Fast In Fast Out (for transaction handling and scalability).
- In all possible cases stateless, that is not to hold state against the database-server or the server side data components.
- Few accesses.
- Efficient and secure transference (CII-block, lzw-compression, encryption)

Database

At configuration against SQL Server 7.0 or 2000, the database and database user must be created on the actual database server.

For configuration of MS SQL Server we recommend "Swedish / Finnish Sort Order" (185), for that the data sorting in the application shall follow Swedish standard.

The database must also be created "Case insensitive" for the application to work properly.

The system doesn't use "trusted connections", but "mixed mode connections" for connection against the database server.

The system must be configured with two database user profiles. One administrative user that has rights to create, delete and alter tables / rules / privileges. One user with rights to work with the information in the database, such as reading modifying and deleting data.

By default, the system configures itself for access against the database 'Capitex', with the database user account 'cpxuser', and the database manager account 'sa'.

If you use MSDE as data-source, you are given the possibility to automatically create the database, user and rights in the configuration guide.

The system will try to automatically create the tables, stored procedures, index, and rights that are needed for the application to work properly.

In case of system upgrades the changes that are needed in the database-structure are handled automatically.

The passwords and database user names that have been entered into the system are protected from unauthorized access by encryption.

Database structure

The database model is centered around a relation-table, partially for maximum flexibility, and to give an object oriented design all the way down into the database.

Types of tables:

System tables

Ckoppling	<i>Relation table</i>
Clogg	<i>System log table</i>

Object tables

CAnvandre
CForetagInfo
...

Information tables

IForetagInfo
IGroupRights
...

The relation table CKoppling contains information about relations between two objects. The information tables contain extended information about this relation.

As identifiers in the system, there is used a unique ID 16 bytes in size. This ID is generated by the system. The reasons not to use the standard "LONG Counter" are many. With the GUID approach, we can create our identifiers before use, and with ease handle disconnected work, and merging of databases.



Directory structure

This is the catalog structure based from the root directory of the current installation.

ROOT :	<i>General catalog for all subdirectories and files, contains a configuration file and the startup program CAPITEX.EXE</i>
DATA\	<i>Catalog for stored information, licenses</i>
CONFIG\	<i>Configurations / users / common settings mm</i>
DATABAS\	<i>Catalogs for storing database information on disk</i>
HELP\	<i>Help-files</i>
LOCKS\	<i>Temporary files for file locking</i>
LOG\	<i>Log-files</i>
PROGRAM\	<i>Catalog for program files</i>
CLIENT\	<i>Capitex client components (ocx, dll)</i>
RUNTIME\	<i>Non ActiveX programs, utan exe-files and standard-dll:s</i>
SERVER\	<i>Capitex server components (dll)</i>
SYSTEM32\	<i>Third part components and system-files</i>
STATDATA\	<i>Static informationfiles</i>
BILDER	<i>Images</i>
CONFIG\	<i>Configuration files</i>
DATABAS\	<i>Database description files</i>
HELP\	<i>Help files</i>
MALLAR\	<i>Templates</i>
VERSION\	<i>Versions files</i>
XINSTALL\	<i>Uninstall scripts</i>
LOCKS\	<i>Temporary files for file-locking</i>
AXLICENS\	<i>Component license files</i>
INSTALL\	<i>Installation catalog, logs etc</i>
BACKUP\	<i>Catalog for backup-files.</i>

The “Program” catalog contains only files from Capitex, none of the files are modified, this catalog can be recreated by reinstalling.

The “Data” catalog is central in a local network and exists only on the server that holds the main environment, it contains files that holds the configuration of the environment and should always be included in a backup.

Clients configured for disconnected work will have a “Data” catalog, witch are synchronized with the main environment.

All files and catalogs from Capitex holds 8.3 namespace standard, this does not comply to files created by users, for example document templates.

Server environment

Recommendations regarding the server environment running different data-sources, we refer to Microsoft's recommendations.

For more information go to
<http://www.microsoft.com/sql>

Capitex also offers components "Capitex Data Manager" for MTS (Microsoft Transaction Service). Today we support MTS (Windows NT) and Component Services (Windows 2000)

These components vouch for a better scalability regarding many simultaneous users, with MTS Queue handling and Connection pooling against the Data-source.

The server running SQL-server / MSDE we require the following operating system upgrades

- Windows NT 4.0 Service pack 5 or later
- Internet Explorer 5.0 or later
- Microsoft Data Access Components 2.6 or later
(We recommend to use the same MDAC version as in the client environments.)

It's important that the installed MDAC is correct, otherwise unexpected errors can occur. Use Microsoft's tool 'Component Checker' to validate the MDAC installation.
<http://www.microsoft.com/data/download.htm>

These upgrades are contained on the CD from Capitex.

For more information go to
<http://www.microsoft.com/ntserver/appservice/techdetails/techspecs/mtsnwp.asp>.

Client environment

At system startup, the client's configuration is checked by the application.
The system requires the following upgrades/components to start the system.
Future changes in the requirements may occur.

Program packages		Version	Automatic
Internet Explorer		5.0	<input checked="" type="checkbox"/> (CD req.)
MDAC(Microsoft data access components) **		2.6	<input checked="" type="checkbox"/>
Windows 98 DCOM 98 *		4.71.0.3328	<input checked="" type="checkbox"/>
Windows 95 DCOM 95 *		4.71.0.3328	<input checked="" type="checkbox"/>
Windows NT Service Pack *		5	<input checked="" type="checkbox"/> (CD req.)
Microsoft Visual Basic Runtime		6.0 sp6	<input checked="" type="checkbox"/>

Files	Supplier	Description	Version	Automatic
OLEPRO32.DLL	Microsoft	OLE 2.40	5.0.4277.1	<input checked="" type="checkbox"/>
OLEAUT32.DLL	Microsoft	OLE 2.40	2.40.4277.1	<input checked="" type="checkbox"/>
VBDB5.DLL	Microsoft	Visual Basic ICursor Interface Library	6.0.81.69	<input checked="" type="checkbox"/>
DAO350.DLL	Microsoft	DAO 3.51 Object Library	3.51.1608.0	<input checked="" type="checkbox"/>
DAO2535.TLB	Microsoft	DAO 2.5/3.51 Compability library	3.5	<input checked="" type="checkbox"/>
MSJET35.DLL	Microsoft	Jet Engine Library	3.51.2723.0	<input checked="" type="checkbox"/>
MSJINT35.DLL	Microsoft	Jet Database Engine Int. DLL	3.51.623.0	<input checked="" type="checkbox"/>
MSJTER35.DLL	Microsoft	Jet Database Engine Error DLL	3.51.623.0	<input checked="" type="checkbox"/>
MSRD2X35.DLL	Microsoft	Red ISAM	3.51.623.0	<input checked="" type="checkbox"/>
MSREPL35.DLL	Microsoft	Replication Library	3.51.2404.0	<input checked="" type="checkbox"/>
VBAJET32.DLL	Microsoft	VBA Dev. Env. Expr. Service Loader	6.0.1.8268	<input checked="" type="checkbox"/>
MFC42.DLL	Microsoft	Visual C++ runtime	6.00.8665.0	<input checked="" type="checkbox"/>
MSVCRT.DLL	Microsoft	Visual C++ runtime	6.00.8797.0	<input checked="" type="checkbox"/>
MSVCIRT.DLL	Microsoft	Visual C++ runtime	6.0.8168.0	<input checked="" type="checkbox"/>
CTL3D32.DLL	Microsoft	3D Windows Controls	2.29.0.0	<input checked="" type="checkbox"/>
DHTML.ED.OCX	Microsoft	DHTML Editing Component	6.01.8413	<input checked="" type="checkbox"/>
TRIEDIT.DLL	Microsoft	DHTML Editing Component	6.01.8413	<input checked="" type="checkbox"/>
MSWLESS.OCX	Microsoft	Windowless Controls	6.00.8450	<input checked="" type="checkbox"/>
MSCOMCTL.OCX	Microsoft	Common Controls	6.00.8862	<input checked="" type="checkbox"/>
MSCOMCT2.OCX	Microsoft	Common Controls 2	6.00.8804	<input checked="" type="checkbox"/>
COMCTL32.DLL	Microsoft	Common Controls	5.82.2900.2180	<input checked="" type="checkbox"/>
COMCTL32.OCX	Microsoft	Common Controls	6.00.8105	<input checked="" type="checkbox"/>
COMCT332.OCX	Microsoft	Common Controls 3	6.07.8988	<input checked="" type="checkbox"/>
COMDLG32.OCX	Microsoft	Common Dialog Control	6.0.84.18	<input checked="" type="checkbox"/>
MSFLXGRD.OCX	Microsoft	Flexible grid control	6.00.8418	<input checked="" type="checkbox"/>
MSMASK32.OCX	Microsoft	Mask edit control	6.00.8418	<input checked="" type="checkbox"/>
MSSTDFMT.DLL	Microsoft	Standard Data formatting object	6.00.8804	<input checked="" type="checkbox"/>
RICHED32.DLL	Microsoft	Rich Text Edit	4.00.993.4	<input checked="" type="checkbox"/>
RICHTX32.OCX	Microsoft	Rich Text Edit Control	6.00.8804	<input checked="" type="checkbox"/>
TABCTL32.OCX	Microsoft	Tab control	6.00.9043	<input checked="" type="checkbox"/>
Win9x\ATL.DLL *	Microsoft	Visual C++ ATL Module	3.00.8168	<input checked="" type="checkbox"/>
Winnt\ATL.DLL *	Microsoft	Visual C++ ATL Module	3.00.8168	<input checked="" type="checkbox"/>
CSWSK32.OCX	Catalyst	Windows Socket component	3.60.0.3650	<input checked="" type="checkbox"/>
CSMTPCTL.OCX	Catalyst	SMTP Client Component	4.50.0.4500	<input checked="" type="checkbox"/>
CSMSGCTL.OCX	Catalyst	Mail Message Component	4.50.0.4500	<input checked="" type="checkbox"/>
LFAVI14N.DLL	LEADTools	LEADTools DLL	14.0.0.13	<input checked="" type="checkbox"/>
LFBMP14N.DLL	LEADTools	LEADTools DLL	14.0.0.13	<input checked="" type="checkbox"/>
LFBMP14S.DLL	LEADTools	LEADTools DLL	14.0.0.13	<input checked="" type="checkbox"/>
LFCAL14N.DLL	LEADTools	LEADTools DLL	14.0.0.13	<input checked="" type="checkbox"/>
LFCMP14N.DLL	LEADTools	LEADTools DLL	14.0.0.13	<input checked="" type="checkbox"/>
LFCMP14S.DLL	LEADTools	LEADTools DLL	14.0.0.13	<input checked="" type="checkbox"/>
LFEPS14N.DLL	LEADTools	LEADTools DLL	14.0.0.13	<input checked="" type="checkbox"/>
LEFFAX14N.DLL	LEADTools	LEADTools DLL	14.0.0.13	<input checked="" type="checkbox"/>
LEFFAX14S.DLL	LEADTools	LEADTools DLL	14.0.0.13	<input checked="" type="checkbox"/>
LEFFPX14N.DLL	LEADTools	LEADTools DLL	14.0.0.13	<input checked="" type="checkbox"/>
LEFFPX7.DLL	LEADTools	LEADTools DLL	1.1.0.2	<input checked="" type="checkbox"/>
LFGIF14N.DLL	LEADTools	LEADTools DLL	14.0.0.13	<input checked="" type="checkbox"/>
LFGIF14S.DLL	LEADTools	LEADTools DLL	14.0.0.13	<input checked="" type="checkbox"/>
LFJ2K14N.DLL	LEADTools	LEADTools DLL	14.0.0.13	<input checked="" type="checkbox"/>
LFJBG14N.DLL	LEADTools	LEADTools DLL	14.0.0.13	<input checked="" type="checkbox"/>
LFKODAK.DLL	LEADTools	LEADTools DLL	1.1.0.2	<input checked="" type="checkbox"/>



Fil	Leverantör	Beskrivning	Version	Automatik
LFPCT14N.DLL	LEADTools	LEADTools DLL	14.0.0.12	<input checked="" type="checkbox"/>
LFPXC14N.DLL	LEADTools	LEADTools DLL	14.0.0.13	<input checked="" type="checkbox"/>
LFPNG14N.DLL	LEADTools	LEADTools DLL	14.0.0.13	<input checked="" type="checkbox"/>
LFPNG14S.DLL	LEADTools	LEADTools DLL	14.0.0.13	<input checked="" type="checkbox"/>
LFPSD14N.DLL	LEADTools	LEADTools DLL	14.0.0.13	<input checked="" type="checkbox"/>
LFPSD14S.DLL	LEADTools	LEADTools DLL	14.0.0.13	<input checked="" type="checkbox"/>
LFRAS14N.DLL	LEADTools	LEADTools DLL	14.0.0.13	<input checked="" type="checkbox"/>
LFTGA14N.DLL	LEADTools	LEADTools DLL	14.0.0.13	<input checked="" type="checkbox"/>
LFTIF14N.DLL	LEADTools	LEADTools DLL	14.0.0.13	<input checked="" type="checkbox"/>
LFTIF14S.DLL	LEADTools	LEADTools DLL	14.0.0.13	<input checked="" type="checkbox"/>
LFWMF14N.DLL	LEADTools	LEADTools DLL	14.0.0.13	<input checked="" type="checkbox"/>
LFWMF14S.DLL	LEADTools	LEADTools DLL	14.0.0.13	<input checked="" type="checkbox"/>
LFWPG14N.DLL	LEADTools	LEADTools DLL	14.0.0.12	<input checked="" type="checkbox"/>
LTANN14N.DLL	LEADTools	LEADTools DLL	14.0.0.13	<input checked="" type="checkbox"/>
LTCLR14N.DLL	LEADTools	LEADTools DLL	14.0.0.12	<input checked="" type="checkbox"/>
LTCLR14S.DLL	LEADTools	LEADTools DLL	14.0.0.12	<input checked="" type="checkbox"/>
LTDIC14N.DLL	LEADTools	LEADTools DLL	14.0.0.13	<input checked="" type="checkbox"/>
LTDIS14N.DLL	LEADTools	LEADTools DLL	14.0.0.12	<input checked="" type="checkbox"/>
LTEFX14N.DLL	LEADTools	LEADTools DLL	14.0.0.13	<input checked="" type="checkbox"/>
LTFIL14N.DLL	LEADTools	LEADTools DLL	14.0.0.13	<input checked="" type="checkbox"/>
LTIMG14N.DLL	LEADTools	LEADTools DLL	14.0.0.13	<input checked="" type="checkbox"/>
LTSH14N.DLL	LEADTools	LEADTools DLL	14.0.0.13	<input checked="" type="checkbox"/>
LTKRN14N.DLL	LEADTools	LEADTools DLL	14.0.0.13	<input checked="" type="checkbox"/>
LTOCX14N.OCX	LEADTools	LEADTools Component	14.0.0.13	<input checked="" type="checkbox"/>
LTR14N.DLL	LEADTools	LEADTools DLL	14.0.0.13	<input checked="" type="checkbox"/>
LTRDF14N.DLL	LEADTools	LEADTools DLL	14.0.0.13	<input checked="" type="checkbox"/>
LTRDK14N.DLL	LEADTools	LEADTools DLL	14.0.0.13	<input checked="" type="checkbox"/>
LTRIO14N.DLL	LEADTools	LEADTools DLL	14.0.0.13	<input checked="" type="checkbox"/>
LTRPR14N.DLL	LEADTools	LEADTools DLL	14.0.0.13	<input checked="" type="checkbox"/>
LTTWN14N.DLL	LEADTools	LEADTools DLL	14.0.0.13	<input checked="" type="checkbox"/>
LVKRN14N.DLL	LEADTools	LEADTools DLL	14.0.0.13	<input checked="" type="checkbox"/>
EDT32X30.OCX	FarPoint	AtlEdit Module	3.0.21	<input checked="" type="checkbox"/>
MEM32X30.OCX	FarPoint	AtlMemo Module	3.0.21	<input checked="" type="checkbox"/>
ACFPDF.DLL	Amyuni	Amyuni Document Converter DLL	0.2.0.2105	<input checked="" type="checkbox"/>
ACFPDF.TXT	Amyuni	Amyuni Document Converter Text file		<input checked="" type="checkbox"/>
ACFPDFU.DLL	Amyuni	Amyuni Document Converter DLL	0.2.0.2105	<input checked="" type="checkbox"/>
ACFPDFUL.DLL	Amyuni	Amyuni Document Converter DLL	0.2.0.2105	<input checked="" type="checkbox"/>
ACFPDF.DRV	Amyuni	Amyuni Document Converter Drivrutin	2.1.0.5	<input checked="" type="checkbox"/>
CDINTF.DLL	Amyuni	Amyuni Document Converter DLL	2.1.0.5	<input checked="" type="checkbox"/>
CDINTF210.DLL	Amyuni	Amyuni Document Converter DLL	2.1.0.5	<input checked="" type="checkbox"/>

(* = For different Operating Systems)

(** = We recommend to use the same MDAC version as in the server environment.)

It's important that the installed MDAC is correct, otherwise unexpected errors can occur.

Use Microsoft's tool 'Component Checker' to validate the MDAC installation.

<http://www.microsoft.com/data/download.htm>

When the application finds that a system upgrade is required it can automatically upgrade the client, restart may be required after upgrading.

The CDROM contains all upgrades necessary to upgrade any system to the required level.

Some of the files and program packages that are installed require registration the application registers these components automatically.

ActiveX components developed by Capitex, registers when the application starts up for the first time at each klient computer.

To remove these components registration when the application terminates use the startparameter /UR (For additional parameters run CAPITEX.EXE /?)

This minimizes the risk that invalid Component registrations remain in the client computers registry.

Neither does the system copies these components to the client computer's operating systems, these files are registered at the place of the current installed environment.

To be able to register all active components from Capitex at startup, there's need for free space in the *Windows registry*, the amount of space will differ depending on the customer solution, we recommend at least 5 Mb free registry space before starting the application.

For more information about third party client components use the links below

<i>Microsoft Corporation</i>	http://www.microsoft.com
<i>FarPoint Technologies Inc</i>	http://www.fpoint.com
<i>Catalyst development</i>	http://www.catalyst.com
<i>Lead Technologies</i>	http://www.leadtools.com
<i>AMYUNI Consultants</i>	http://www.amyuni.com

Local program files in a network environment

To reduce network traffic and minimize the need for bandwidth when running the application, it is recommended that the clients should run “local environment”.

If the client is configured for “local environment”, all program files, and static information files will be stored locally on the client computers hard disk.

Components and files will be registered and executed locally instead of being registered and executed against an remote computer.

To configure a client for “local environment”, do the following

1. Create a directory on the client’s hard disk, for single use of “local environment”
2. Copy the startup-file Capitex.exe from the central environment.
3. Create a configuration file WINNET32.CII in this directory.

Example.1 of WINNET32.CII

```
[Configuration]
MainPath=X:\capitex\win32\
```

Example.2 of WINNET32.CII

```
[Configuration]
MainPath=\\servercomputer\capitex\win32\
```

The path specified in “MainPath” shall point to the central network installation of Capitex System.

In example 2, we have no mapped unit against the remote server, but use’s the shared directory “Capitex” on the server.

You can use the program MKCLIENT.EXE to automatically create a ”local environment” on a client. Use this program in the following way:

1. Work from the client computer
2. Use the Windows Explorer to connect to the server computer, where the installation of Capitex lies (You may need to share a path on the server, for the client to connect to.)
3. Start MKCLIENT.EXE that lies in the directory X:\CAPITEX\WIN32\ or corresponding path.

This program creates automatically a “local environment” in the client’s directory C:\CAPITEX\WIN32\, it also makes a shortcut to Capitex on the clients desktop.

At startup all central program files will be synchronized with the local directory and registered locally.

After updates of the central installation, the client will synchronize its files automatically at the next start.

Starting in an administrated environment

Many companies have a tight security policy, where users are unable to install, update och register applications themselves.

Capitex programs are built by ActiveX components, third party and own components. For an ActiveX component to work it requires registration in the Windows registry. Third party components and required operating system updates, are installed in the windows operating system.

This requires “Administrative” rights in Windows for the current user,

Therefore, after a installation or upgrade, Capitex must be started once by a user with “Administrative” rights.

Example

1. An local environment is created with the program MKCLIENT.EXE
2. The administrator starts Capitex once, wich updates the local environment with the latest files, updates the operatingsystem if requested and registers all programcomponents in theWindowsr registry.

With certain startup parameters Capitex can be started, do its registrations and terminated seamlessly.

Ex. CAPITEX.EXE /CO /U=SYSTEM /P=xxx
(run CAPITEX.EXE /? For help on startupparameters)

3. The ordinary user can then start the system.
4. After an upgrade of the software on the server, the system must once again be started with administrative rights, on each client machine.

Bandwidth

The bandwidth related factors affecting performance at Capitex Systems, are the following.

- How the system is configured
- Server solution (MTS components)
- The client's and server's available bandwidth and "Ping" speed
- The amount of data to be handled

With "Ping" speed we refer to how quickly the server's response time. Since Capitex System mostly sends small packages of data, this time can be as important as bandwidth.

Capitex System is optimized to handle clients with low bandwidth, with its "Data manager" (MTS component) , and the systems way of working against the database.

Capitex "Data manager" is a software that is to be installed in a server environment under Windows NT Windows NT Transaction Server / Windows 2000 Component Services, the software reduces the number of accesses, bundles work, and data compress communication to and from the client.

The recommendation is to run Capitex "Data manager" on the database-server itself or on a separate computer in direct connection with it.

When considering bandwidth solution for one or many clients, you should consider how many clients that are sharing the connection, what other systems are using it, and how active each client would be against these systems.

When considering bandwidth solution for the server you should consider how many simultaneously clients will be working actively against systems at this connection, and how bandwidths demanding these systems are.

Capitex recommends a client connection of at least 128 Kbit, under the condition that you run the Capitex "Data manager" on a server environment, ant that all clients are configured with "local environment", see (Local program files in a network environment)

To run Capitex "Data manager" in a server environment under Windows NT Transaction Server / 2000 Component Services require a special license from Capitex.

Development based on components / additions from Capitex is reserved for companies in the Capitex concern, if not written agreement has been signed.

All specification in this document refers to the latest version of Capitex System. For future releases system requirements and conditions may change.

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