

Installation manual QicsTime

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4. Qic 4.1 4.2 4.3 4.4 5. Exa 5.1 5.2 5.3 5.4 5.5	sTime Mobile	4 4 5 7 8 8 9 1 3
4. Qic 4.1 4.2 4.3 4.4 5. Exa 5.1 5.2 5.3 5.4 5.5 5.6	sTime Mobile	4 4 5 7 8 8 8 9 1 3 5
4. Qic 4.1 4.2 4.3 4.4 5. Exa 5.1 5.2 5.3 5.4 5.5 5.6 6. Qic	sTime Mobile	4 4 5 7 8 8 8 9 1 3 5 8
4. Qic 4.1 4.2 4.3 4.4 5. Exa 5.1 5.2 5.3 5.4 5.5 5.6 6. Qic 6.1	sTime Mobile	4 4 5 7 8 8 8 9 1 3 5 8 8



1. Introduction

1.1 Purpose of this document

This document supplies step-by-step instructions which should be followed for a successful installation of QicsTime. Depending on the environment on which the software is to be installed, the installation can have minor differences with the installation described in this manual.

The instructions have been written in such a way that experienced system administrators can execute the setup without Qics' help. Of course, the QicsTime support department can be contacted if needed. (+3171-7501532)

1.2 System requirements

To get the best performance of QicsTime the required minimum specifications are:

Part	Desired requirements	Minimum specificities
Webserver	 Windows 2012 IIS 8.0 200 Mb free disk space .NET Framework 4.5.2 2 Gb free RAM 	 Windows 2008 R2 IIS 7.0 200 Mb free disk space .NET Framework 4.5.2 2 Gb free RAM
SQL Server	 MS SQL 2014 1Gb free disk space Dual (or more) Processor 4 Gb RAM Mixed Mode Authentication 	 MS SQL 2008 R2 250 Mb free disk space Single Processor 2 Gb RAM Mixed Mode Authentication
QicsTime Web Clients	 Windows 8.1 Internet Explorer 11 	 Windows 7 Internet Explorer 10
QicsTime Management Console	 Windows 8.1 200 Mb free disk space .NET Framework 4.5.2 4 Gb RAM 	 Windows 7 200 Mb free disk space .NET Framework 4.5.2 1Gb RAM



1. Contents installation CD

1.1 Documentation

The CD contains a directory "Documentation". You will find the installation manual here.

1.2 Installations

The CD contains a directory "Installations". The contents of this directory is shown in the following image.

퉬 Documentation
4 퉬 Installations
4 🌗 _Prerequisites
📔 Microsoft .NET Framework 4.5.2 (offline-installatieprogramma)
🐌 Microsoft® Report Viewer 2012 Runtime
🐌 Microsoft® System CLR Types for Microsoft® SQL Server® 2012
🐌 SAP Crystal Reports runtime engine for .NET Framework (32 bits)
Exact Custom Solutions
Scenario 1- Exact Globe (Standalone)
Scenario 2- Exact Synergy (Standalone)
Scenario 3- Consolidated
Scenario 4- Integrated
퉬 Scenario 5- Synergy Enterprise
퉬 QicsTime - Management
퉬 QicsTime - Mobile
퉬 QicsTime - Web



2. QicsTime Management

2.1 General

QicsTime Management is the BackOffice application of QicsTime. This software should be installed locally on each work station for each employee in your company who is going to work with QicsTime Management.

If you have installed an older version of QicsTime Management already, remove this installation first by choosing "Add or Remove Programs" from the control panel in the Start Menu.

In order to install the software correctly as described in the paragraph 3.3, it is mandatory that the work stations are logged on to with an administrator account.

2.2 Prerequisites

QicsTime Management depends on the following components

- ⇒ Microsoft[®] .NET Framework 4.5.2 (offline-installatieprogramma)
- ⇒ Microsoft[®] Report Viewer 2012 Runtime
- ⇒ Microsoft[®] System CLR Types for Microsoft[®] SQL Server[®] 2012
- ⇒ SAP Crystal Reports runtime engine for .NET Framework (32 bits)

The Microsoft components will be downloaded automatically when installing QicsTime Management, but when you don't have an internet connection, you can install them manual.

The Crystal Reports runtime must always be installed manually once for each machine that will run QicsTime Management.

These dependencies are located on the CD at:

"..\Installations_Prerequisites\"



2.3 Installation

Execute this file from CD: "..\Installations\QicsTime Management\setup.exe"

Setup.exe makes sure that next to QicsTime Management, other required software is installed as well, like for instance, the .NET framework and Microsoft Report viewer-component.

The one exception that won't be installed during setup is the SAP Crystal Reports runtime. You can find that installation on "..\Installations\Prerequisites\SAP Crystal Reports runtime engine for .NET Framework (32 bits)"

See QicsTime Management Setup	Se QicsTime Management Setup
For the following components:	For the following components:
Microsoft .NET Framework 4.5.2 (x86 and x64)	Microsoft Report Viewer 2012 Runtime
Please read the following license agreement. Press the page down key to see the rest of the agreement.	Please read the following license agreement. Press the page down key to see the rest of the agreement.
MICROSOFT SOFTWARE SUPPLEMENTAL LICENSE TERMS	MICROSOFT SOFTWARE LICENSE TERMS
.NET FRAMEWORK AND ASSOCIATED LANGUAGE PACKS FOR MICROSOFT WINDOWS OPERATING SYSTEM Microsoft Corporation (or based on where you live, one of its affiliates) licenses this supplement to you. If you are licensed to use Microsoft Windows operating system software (the	MICROSOFT REPORT VIEWER 2012 RUNTIME These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. Please read them. They apply to the software named above, which includes the media on which you received it, if any. The
Wew EULA for printing Do you accept the terms of the pending License Agreement? If you choose Don't Accept, install will close. To install you must accept this agreement. Accept Don't Accept	View EULA for printing Do you accept the terms of the pending License Agreement? If you choose Don't Accept, install will close. To install you must accept this agreement. Accept Don't Accept

Depending on whether the software is installed or not, a license agreement is shown (see image). There can be more than one. Only after you have accepted all license agreements, the software is going to be installed.

In some cases it will be necessary to reboot the machine, if so you will be prompted with a message, like for example:

8	QicsTime M	lanagement Setup	×
2	Setup must reboot before proceedin	g.	
Choose De	'Yes' to reboot now or 'No' to manually re etails <<	eboot later. Yes	No
Compo continu The foll - Micros The foll	nent Microsoft .NET Framework 4.5.2 (x) ie. lowing components were successfully in soft .NET Framework 4.5.2 (x86 and x64 lowing components will install after reboo	86 and x64) requires a reboot befor stalled:) It: @2012.6061	e setup can
- Micros	soft Report Viewer 2012 Runtime		



After accepting the agreements (if necessary), the installation-wizard is executed. Follow the instructions as shown.

₿	QicsTime Management	- 🗆 🗙
Welcome to th Wizard	he QicsTime Management Setu	
. The installer will guide y computer.	you through the steps required to install QicsTime Ma	inagement on your
WARNING: This comp Unauthorized duplicatio or criminal penalties, an	uter program is protected by copyright law and intern on or distribution of this program, or any portion of it, r nd will be prosecuted to the maximum extent possible Cancel < Back	ational treaties. nay result in severe civil under the law. Next >

Click the "Next"-button.

9 ⁷	QicsTime Management	×
Select Ins	tallation Folder	
The installer will in To install in this fo	nstall QicsTime Management to the following folder. older, click "Next". To install to a different folder, enter i	t below or click "Browse".
C:\Program Fi	les (x86)\Qics BV\QicsTime Management\	Browse
5.2		
		Disk Cost
Install Qics Time	e Management for yourself, or for anyone who uses this	Disk Cost
Install Qics Time	e Management for yourself, or for anyone who uses this	Disk Cost
Install QicsTime	e Management for yourself, or for anyone who uses this	Disk Cost

Enter the location where you want to install the application to, at "Folder".

"Install QicsTime Management for yourself, or for anyone who uses this computer": Make sure you choose "Everyone". This will avoid problems with reports from "Crystal Reports" generated by QicsTime Management.



Click the "Next"-button.

i	QicsTi	ime Managem	ient	- 🗆 🗙
Confirm Ins	tallation			
The installer is read Click "Next" to star	y to install QicsTime Ma	anagement on your	computer.	
		Cancel	< Back	Next >

Click the "Next"-button to start the installation. Once the installation is finished, click the "Close"button.



3. QicsTime Web

3.1 General

QicsTime Web is the Front Office application of QicsTime. This software has to be installed on the web server.

If you have installed an older version of QicsTime Web already, remove this installation first by choosing "Add or Remove Programs" from the control panel in the Start Menu.

In order to install the software correctly as described in the paragraph 4.3, it is mandatory that the web server is logged on to with an administrator account.

3.2 Prerequisites and IIS Settings

QicsTime Web depends on the following components

- ⇒ Microsoft[®] .NET Framework 4.5.2 (offline-installatieprogramma)
- ⇒ Microsoft[®] Report Viewer 2012 Runtime
- ⇒ Microsoft[®] System CLR Types for Microsoft[®] SQL Server[®] 2012
- ⇒ SAP Crystal Reports runtime engine for .NET Framework (32 bits)

The Microsoft components will be downloaded automatically when installing QicsTime Web, but when you don't have an internet connection, you can install them manual.

The Crystal Reports runtime must always be installed manually once for each machine that will run QicsTime Management.

These dependencies are located on the CD at:

"..\Installations_Prerequisites\"

In order to successfully install the QicsTime Web on the web server, the server must meet at minimum the following installed Server Roles and features.

Role	Service	Status
-	Web Server	Installed
۵	Common HTTP Features	Installed
۵	Static Content	Installed
۵	Default Document	Installed
۵	Directory Browsing	Installed
*	HTTP Errors	Installed
	HTTP Redirection	Not installed
	WebDAV Publishing	Not installed
,	Application Development	Installed
à.	ASP.NET	Installed
à	.NET Extensibility	Installed
	ASP	Not installed
	CGI	Not installed
,	ISAPI Extensions	Installed
ò	ISAPI Filters	Installed
	Server Side Includes	Not installed
ě.	Health and Diagnostics	Installed
ò	HTTP Logging	Installed
a	Logging Tools	Not installed
ò	Request Monitor	Installed
		Not installed
	Custom Logging	Not installed
a		Not installed
÷.	Security	Installed
÷.	Basic Authentication	Installed
	Windows Authentication	Installed National J
	Digest Authentication	Not installed
	Client Certificate Mapping Authentication	Not installed Not installed
	115 Cleric Certificate Mapping Addientication	Not installed
	Dequest Filtering	Not installed
	Request Filtering ID and Domain Destrictions	Not installed
₽	Performance	Installed
*	Static Content Compression	Installed
	Dynamic Content Compression	Not installed
*	Management Tools	Installed
×.	IIS Management Console	Installed
	IIS Management Scripts and Tools	Not installed
	Management Service	Not installed
*	IIS 6 Management Compatibility	Installed
1	IIS 6 Metabase Compatibility	Installed
	IIS 6 WMI Compatibility	Not installed
	IIS 6 Scripting Tools	Not installed
1	IIS 6 Management Console	Installed

If the server is new, you also should install .NET Framework 4.5.2 <u>before</u> you can create Application pools with framework v4.0. You can find the installation on "..\Installations_Prerequisites\". A reboot is required after installation.

Before installation of QicsTime Web it's best to create an Application pool on the IIS specially for the website, the configuration must meet the following setting.



	(General)		~
	.NET CLR Version	v4.0	
	Enable 32-Bit Applications	True	
	Managed Pipeline Mode	Integrated	
	Name	QicsTime	
	Queue Length	1000	
	Start Mode	OnDemand	
4	CPU		
	Limit (percent)	0	
	Limit Action	NoAction	
	Limit Interval (minutes)	5	
	Processor Affinity Enabled	False	
	Processor Affinity Mask	4294967295	
	Processor Affinity Mask (64-bit optic	4294967295	
4	Process Model		
Þ	Generate Process Model Event Log E		
	Identity	NetworkService	
	Idle Time-out (minutes)	20	
	Idle Time-out Action	Terminate	
	Load User Profile	True	~

Note that for QicsTime Web it is necessary to set "Enable 32-Bit Applications" to "True"

3.3 Installation

The installation of QicsTime Web should be executed by an administrator, or Execute the Setup file as administrator.

Execute this file from CD: "..\Installations\QicsTime Web\setup.exe"

Setup.exe makes sure that next to QicsTime Management, other required software is installed as well, like for instance, the .NET framework and Microsoft Report viewer-component.

The one exception that won't be installed during setup is the SAP Crystal Reports runtime. You can find that installation on "..\Installations\Prerequisites\SAP Crystal Reports runtime engine for .NET Framework (32 bits)"



8	QicsTime Management Setup	×	8	QicsTime Mana	gement Setup	×
For the follow	ing components:		For the follow	ing components:		
Microsoft	NET Framework 4.5.2 (x86 and x64)		Microsoft	Report Viewer 2012 Runtin	ne	
Please read t of the agreen	he following license agreement. Press the page down key to see th rent.	e rest	Please read t of the agreen	he following license agreement. ient.	Press the page down key to see	the rest
MICROSO	FT SOFTWARE SUPPLEMENTAL LICENSE TERMS	^	MICROSO	FT SOFTWARE LICENSE 1	TERMS	^
NET FRAM	MEWORK AND ASSOCIATED LANGUAGE PACKS FOR FT WINDOWS OPERATING SYSTEM		MICROSO	FT REPORT VIEWER 201	2 RUNTIME ent between Microsoft	
Microsoft affiliates) use Micros	Corporation (or based on where you live, one of its licenses this supplement to you. If you are licensed to soft Windows operating system software (the Durant way this constraints the state of the	~	Corporatio you. Pleas which inclu	n (or based on where you e read them. They apply to udes the media on which y	I live, one of its affiliates) a o the software named abov you received it, if any. The	nd ve, ∨
View	EULA for printing		View	EULA for printing		
Do you aco	cept the terms of the pending License Agreement?		Do you aco	ept the terms of the pendi	ing License Agreement?	
lf you choose agreement.	Don't Accept, install will close. To install you must accept this		If you choose agreement.	Don't Accept <mark>, install will close</mark> .	To install you must accept this	
	Accept Don't Accept			Accept	Don't Accept	

Depending on whether the software is installed or not, a license agreement is shown (see image). There can be more than one. Only after you have accepted all license agreements, the software is going to be installed.

In some cases it will be necessary to reboot the machine, if so you will be prompted with a message, like for example:

8	QicsTime Management Setup	×
*	Setup must reboot before proceeding.	
Choose De	Yes' to reboot now or 'No' to manually reboot later.	No
Compor continue The folk - Micros The folk - Micros - Micros	ent Microsoft .NET Framework 4.5.2 (x86 and x64) requires a reboot before se wing components were successfully installed: oft .NET Framework 4.5.2 (x86 and x64) wing components will install after reboot: oft® System CLR Types for SQL Server® 2012 (x86) oft Report Viewer 2012 Runtime	stup can

After accepting the agreements (if necessary), the installation-wizard is executed. Follow the instructions as shown.



B	QicsTime Web		×
Welcome to the QicsTir	ne Web Setup	o Wizard	
The installer will guide you through the	steps required to install	QicsTime Web on	your computer.
WARNING: This computer program is p Unauthorized duplication or distribution or criminal penalties, and will be prosec	protected by copyright I of this program, or any uted to the maximum e:	aw and internationa portion of it, may re stent possible unde	al treaties. sult in severe civil r the law.
	Cancel	< Back	Next >

Click the "Next"-button.

₿	QicsTime Web	×
Select Instal	lation Address	
The installer will instal To install to this web I Site:	II QicsTime Web to the following web location. location, click "Next". To install to a different web loca	tion, enter it below.
Default Web Site	~	Disk Cost
Virtual directory:		
qicstime		
Application Pool:		
QicsTime	Υ.	
2	Cancel < Back	Next >

Choose the desired Site if you don't want to install under the "Default Web Site". Enter the desired directory name at "Virtual directory". Default is "qicstime". Choose the correct Application pool that you have created in paragraph 4.2. It should be an Application pool running on 32 bits and .Net framework v4.0.

Click the "Next"-button.



遇	QicsTime Web		- 🗆 🗙
Confirm Install	ation		
The installer is ready to in Click "Next" to start the	nstall QicsTime Web on your compute	я.	
	Cancel	< Back	Next >

Click the "Next"-button to start the installation. Once the installation is finished, click the "Close"button.

The next step is to create the "Environments.config" file, by opening the QicsTime Web and fill in the server configuration.



3.4 Internet Information Service (IIS) check

The Virtual Directory of QicsTime that has just been created needs to be checked for a couple of settings.

Make sure "Default Document" on the 'documents'-tab contains "default.aspx".



On the QicsTime Web application the "Authentication" section should be configured as shown.

File View Help			
Connections	Authentication		
Application Bools	Group by: No Grouping -		
Sites	Name	Status	Response Type
a 豰 Default Web Site	Anonymous Authentication	Disabled	
aspnet_client	ASP.NET Impersonation	Enabled	
a 🔐 qicstime	Basic Authentication	Disabled	HTTP 401 Challenge
⊳ . <mark>`</mark> bin	Forms Authentication	Disabled	HTTP 302 Login/Redirect
▷ ·· 🚞 Controls	Windows Authentication	Enabled	HTTP 401 Challenge
⊳ - 🚞 fancybox			
⊳ - 📔 Images			
b IntegratedSecul			

Also make sure that the folder "..\QicsTime\services" accepts anonymous access. The web services and the Mobile application make use of its own authentication and authorization. To check if the QicsTime services are working correctly open the URL:

http://localhost/qicstime/services/qicstime.hourentry.svc

Result should be as shown.

A (a) (a) http://localhost/qicstime/services/qicstime.hourentry.svc	ۇ
Service	
Endpoint not found.	



4. QicsTime Mobile

4.1 General

QicsTime Mobile is the Front Office application of QicsTime. Specifically designed for hour / expense entry on a smart phone. This software has to be installed on the web server.

If you have installed an older version of QicsTime Mobile already, remove this installation first by choosing "Add or Remove Programs" from the control panel in the Start Menu.

In order to install the software correctly as described in the next paragraph, it is mandatory that the web server is logged on to with an administrator account.

4.2 Prerequisites and IIS Settings

QicsTime Mobile depends on the following components

⇒ Microsoft[®] .NET Framework 4.5.2 (offline-installatieprogramma)

QicsTime Mobile depends on the services of QicsTime Web, so before installing QicsTime Mobile make sure QicsTime Web is installed.

For QicsTime Mobile to work, the server must meet the same installed IIS Features and .Net Framework components as QicsTime Web, see paragraph 4.2.

Before installation of QicsTime Mobile it's best to create an Application pool on the IIS specially for the website, the configuration must meet the following setting.

.NET CLR Version v4.0 Enable 32-Bit Applications False Managed Pipeline Mode Integrated Name qicstime.mobile Queue Length 1000 Start Mode OnDemand Imaged CPU U Limit (percent) 0 Limit Action NoAction Limit Interval (minutes) 5 Processor Affinity Enabled False	
Enable 32-Bit Applications False Managed Pipeline Mode Integrated Name qicstime.mobile Queue Length 1000 Start Mode OnDemand Imaged CPU Unit (percent) Limit (percent) 0 Limit Interval (minutes) 5 Processor Affinity Enabled False	
Managed Pipeline Mode Integrated Name qicstime.mobile Queue Length 1000 Start Mode OnDemand Imaged Pipeline Mode OnDemand Imaged Pipeline Mode 0 Limit (percent) 0 Limit Action NoAction Limit Interval (minutes) 5 Processor Affinity Enabled False	
Name qicstime.mobile Queue Length 1000 Start Mode OnDemand OPU Imit (percent) Limit (percent) 0 Limit Action NoAction Limit Interval (minutes) 5 Processor Affinity Enabled False	
Queue Length 1000 Start Mode OnDemand Image: Processor Affinity Enabled 0	
Start Mode OnDemand CPU Umit (percent) Limit Action NoAction Limit Interval (minutes) 5 Processor Affinity Enabled False	
CPU Limit (percent) Limit Action Limit Interval (minutes) Processor Affinity Enabled False	
Limit (percent) 0 Limit Action NoAction Limit Interval (minutes) 5 Processor Affinity Enabled False	
Limit Action NoAction Limit Interval (minutes) 5 Processor Affinity Enabled False	
Limit Interval (minutes) 5 Processor Affinity Enabled False	
Processor Affinity Enabled False	
Processor Affinity Mask 4294967295	
Processor Affinity Mask (64-bit optic 4294967295	
Process Model	
Generate Process Model Event Log E	
Identity NetworkService	
Idle Time-out (minutes) 20	
Idle Time-out Action Terminate	
Load User Profile True	~
lame name] The application pool name is the unique identifier for the appl	ication pool.



4.3 Installation

Execute this file from CD: "..\Installations\QicsTime Mobile\setup.exe"

Setup.exe makes sure that next to QicsTime Mobile, other required software is installed as well, like for the .NET framework 4.5.2.

Depending on whether the software is installed or not, a license agreement is shown (see image). There can be more than one. Only after you have accepted all license agreements, the software is going to be installed.

After accepting the agreements (if necessary), the installation-wizard is executed. Follow the instructions as shown.

谩	QicsTime Mobile		- • ×
Welcome to the QicsTi	me Mobile Setu	p Wizard	
The installer will guide you through the	e steps required to install Qi	csTime Mobile or	n your computer.
WARNING: This computer program is Unauthorized duplication or distributior or criminal penalties, and will be prose	protected by copyright law n of this program, or any po cuted to the maximum exter	and internationa rtion of it, may re: nt possible under	I treaties. sult in severe civil the law.
_	Cancel	< Back	Next >

Click the "Next"-button.

த	QicsTime Mobile	- 🗆 🗙
Select Instal	lation Address	
The installer will instal To install to this web I Site:	I QicsTime Mobile to the following web location. location, click "Next". To install to a different web lo	ocation, enter it below.
Default Web Site		Disk Cost
Virtual directory:		
qicstime.mobile		
Application Pool:		
DefaultAppPool		•
	Cancel < Ba	ack Next >

Choose the desired Site if you don't want to install under the "Default Web Site". Enter the desired directory name at "Virtual directory". Default is "qicstime.mobile". Choose the correct Application pool that you have created in paragraph 5.2. It should be an Application pool running .Net framework v4.0.

Click the "Next"-button.

遇	Qi	icsTime Mobile	:	- • ×
Confirm Ins	tallation			
The installer is read Click "Next" to star	y to install QicsTime M t the installation.	lobile on your compu	iter.	
-		Cancel	< Back	Next >

Click the "Next"-button to start the installation. Once the installation is finished, click the "Close"button.



4.4 Internet Information Service (IIS) check

After installation of QicsTime Mobile, we have to make sure that in the "web.config" file from the website the "appSetting" "QicsTimeBaseAddress" has the URL of QicsTime Web.

In case of using all defaults from this document, it should be as shown.

```
<appSettings>
<add key="aspnet:UseTaskFriendlySynchronizationContext" value="true" />
<add key="webpages:Version" value="3.0.0.0" />
<add key="webpages:Enabled" value="false" />
<add key="PreserveLoginUrl" value="true" />
<add key="ClientValidationEnabled" value="true" />
<add key="UnobtrusiveJavaScriptEnabled" value="true" />
<add key="UnobtrusiveJavaScriptEnabled" value="true" />
<add key="QicsTimeBaseAddress" value="http://localhost/qicstime" />
</appSettings>
```

On the QicsTime Mobile application the "Authentication" section should be configured as shown.





5. Exact Custom Solutions

5.1 General

There are six possible scenarios for the installation of the SDK Custom solutions.

⇒ Scenario - QicsTime (Standalone)

if you do not own Exact Globe or Exact Synergy or you don't have SDK Custom solutions in your QicsTime license, then you can skip this chapter.

⇒ Scenario 1- Exact Globe (Standalone)

if this scenario applies to your organization, then you can proceed with the paragraph 6.2.

⇒ Scenario 2- Exact Synergy (Standalone)

if this scenario applies to your organization, then you can proceed with the paragraph 6.3.

⇒ Scenario 3– Exact Globe & Synergy – Consolidated

if this scenario applies to your organization, then you can proceed with the paragraph 6.4.

⇒ Scenario 4– Exact Globe & Synergy – Integrated

if this scenario applies to your organization, then you can proceed with the paragraph 6.5.

⇒ Scenario 5 – Exact Synergy Enterprise

if this scenario applies to your organization, then you can proceed with the paragraph 6.7.

In order to complete the instructions of the next paragraphs successfully, somebody needs to log on with enough rights on the Exact Synergy web server and the server which contains the network installation of Exact Globe. These installation procedures have to be repeated after each Exact software update!

The minimum Exact batch is 407.

5.2 Scenario 1– Exact Globe (Standalone)

In order to install the right QicsTime SDK Custom solutions, you need to know which Exact Globe batch you use. The CD contains installations for several Exact batches.

If you use Exact batch 408, for instance, you execute this file from CD: "..\Installations\Exact Custom Solutions\Scenario 1- Exact Globe (Standalone)\Batch 407\Exact Globe\CSSetup_AE.exe".

The installation wizard is executed and follow the instructions as shown.



🐝 Exact Custom Solutions No	etwork Installation	
CA CA DO	Product line	Exact Globe 2003 Enterprise
	Release	4.00
	Install mode	CD network installation
	Local installation directory	d-\Exact Globe2003 Network share
Exact In Control	Release n	otes Help OK Cancel
1.0.0.194		

Make sure you choose "CD network installation" at "Install mode". Enter Exact Globe's network install directory at "Local installation directory". Click the "OK"-button.

🐝 Exact	Custom Solutions Network Installation 📃 🗆 🛛
	Checking files:
	File 4 of 4
	🐝 Exact Custom Solutions Network Install 🔣
	Number of files to install: 4 Required diskspace: 472 KB
	Do you want to continue?
	Yes No
	Yes No

Exact will check the files that are going to be installed. "Do you want to continue?" Click the "Yes"button to proceed.

The installation will be completed after this. When Exact Globe is executed on a work station, Exact's software will be checked against the network installation of Exact Globe and the files of the SDK Custom solutions that were just installed.

5.3 Scenario 2- Exact Synergy (Standalone)

In order to install the right QicsTime SDK Custom solutions, you need to know which Exact Synergy batch you use. The CD contains installations for several Exact batches.

If you use Exact batch 407, for instance, you execute this file from CD: "..\Installations\Exact Custom Solutions\Scenario 2- Exact Synergy (Standalone)\Batch 407\Exact Synergy\CSSetup_AE.exe"

The installation wizard is executed. Follow the instructions as shown.

🔹 Exact Custom Solutions W	orkstation Installation		
	Product line	e-Synergy	
	Release	4.00	
	Install mode	CD installation	•
	Local installation directory	c:\Synergy	<u> </u>
1.0.0.194		Help OK	Cancel

Make sure you select "CD installation" at "Install mode..." Enter the Exact Synergy directory at "Local installation directory..." Click the "OK"-button.

🐝 Ex	act Custom Solutions Workstation Install 🔳 🔲 🗙
	Checking files:
	File 21 of 21
	🔹 Exact Custom Solutions Workstation Install 📓
	Number of files to install: 21 Required diskspace: 1404 KB Do you want to continue?
	Yes No

Exact will check the files that are going to be installed. "Do you want to continue?" Click the "Yes"-button to proceed.

When you start Exact Synergy, Exact's database update procedure is started. These are the same procedures as when you perform a batch update of Exact software.

9 Database			
Database			
Server Database Version	LAPTOPDAVE 651		
Optimizing database structure:From Optimizing database structure:To Login	371060904 371060904		
Integrated security			
Login name			
Password			
U-Update			

When the database update is completed, the installation of the Synergy part is finished.



5.4 Scenario 3- Consolidated

In order to install the right QicsTime SDK Custom solutions, you need to know which Exact Synergy batch you use. The CD contains installations for several Exact batches.

For this scenario both Exact Globe and Synergy Custom solutions will have to be installed.

Installation Synergy Custom solutions

If you use Exact batch 407, for instance, you execute this file from CD: "..\Installations\Exact Custom Solutions\Scenario 3- Consolidated\Batch 407\Exact Synergy\CSSetup_AE.exe".

The installation wizard is executed. Follow the instructions as shown.

📽 Exact Custom Solutions Worl	kstation Installation		
E	Product line Release Install mode	e-Synergy 4.00 CD installation	•
e-Synergy Exact Contracts	Local installation directory	c:\Synergy	<u> </u>
1.00.194		Help OK	Cancel

Make sure you select "CD installation" as "Install mode" Enter the Exact Synergy directory at "Local installation directory". Click the "OK"-button.

% 6	xact Custom Solutions Workstation Install 🔳 🔲 🔀
	Checking files:
	File 21 of 21
	🛠 Exact Custom Solutions Workstation Install 📓
	Number of files to install: 21 Required diskspace: 1404 KB Do you want to continue?
	Yes No

Exact will check the files that are going to be installed. "Do you want to continue?" Click the "Yes"-button to proceed.

When you start Exact Synergy, Exact's database update procedure is started. These are the same procedures as when you perform a batch update of Exact software.



👽 Database		
Database		
Server Database	LAPTOPDAVE 651	
Version		
Optimizing database structure:From Optimizing database structure:To Login	371060904 371060904	
Integrated security		
Login name		
Password		
U-Update		

When the database update is completed, the installation of the Synergy part is finished.

Installation Globe Custom solutions

If you use Exact batch 407, for instance, you execute this file from CD: "..\Installations\Exact Custom Solutions\Scenario 3- Consolidated\Batch 407\Exact Globe\CSSetup_AE.exe".

The installation wizard is executed and follow the instructions as shown.

🐝 Exact Custom Solutions N	etwork Installation		
CA CAUSED	Product line	Exact Globe 2003 Enterprise	
	Release	4.00	
	Install mode	CD network installation	•
Exact And Contends	Local installation directory	d-\Exact Globe2003 Network share\	
1.0.0.194	Release no	otes Help OK Ca	ncel

Make sure you choose "CD network installation" at "Install mode". Enter Exact Globe's network install directory at "Local installation directory". Click the "OK"-button.

🍪 Ex	act Custom Solutions Network Installation 🛛 🖃 🛤
	Checking files:
	File 4 of 4
	🔹 Exact Custom Solutions Network Install 💹
	Number of files to install: 4 Required diskspace: 472 KB
	Do you want to continue?
	Yes No



Exact will check the files that are going to be installed. "Do you want to continue?" Click the "Yes"-button to proceed.

The installation will be completed after this. When Exact Globe is executed on a work station, Exact's software will be checked against the network installation of Exact Globe and the files of the SDK Custom solutions that were just installed.

5.5 Scenario 4- Integrated

In order to install the right QicsTime SDK Custom solutions, you need to know which Exact Synergy batch you use. The CD contains installations for several Exact batches.

For this scenario both Exact Globe and Synergy Custom solutions will have to be installed.

Installation Synergy Custom solutions

If you use Exact batch 407, for instance, you execute this file from CD: "..\Installations\Exact Custom Solutions\Scenario 4- Integrated\Batch 407\Exact Synergy\CSSetup_AE.exe".

The installation wizard is executed. Follow the instructions as shown.

🔹 Exact Custom Solutions W	orkstation Installation		
	Product line Release	e:Synergy 4.00	
	Install mode	CD installation	
Exact	Local installation directory	c:\Synergy	<u> </u>
1.0.0.194		Help OK	Cancel

Make sure you select "CD installation" as "Install mode" Enter the Exact Synergy directory at "Local installation directory". Click the "OK"-button.





Exact will check the files that are going to be installed. "Do you want to continue?" Click the "Yes"button to proceed.

When you start Exact Synergy, Exact's database update procedure is started. These are the same procedures as when you perform a batch update of Exact software.

9 Database	
Database	
Server	LAPTOPDAVE
Database	651
Version	
Optimizing database structure:From	371060904
Optimizing database structure:To	371060904
Login	
Integrated security	
Login name	
Password	

U-Update

When the database update is completed, the installation of the Synergy part is finished.

Installation Globe Custom solutions

If you use Exact batch 407, for instance, you execute this file from CD: "..\Installations\Exact Custom Solutions\Scenario 3- Integrated\Batch 407\Exact Globe\CSSetup_AE.exe".

The installation wizard is executed and follow the instructions as shown.

🐝 Exact Custom Solutions	Network Installation	
CA CAUSE	Product line	Exact Globe 2003 Enterprise
	Release	4.00
	Install mode	CD network installation
	Local installation directory	dt \Exact Globe2003 Network share \
1.0.0.194	Release n	otes Help OK Cancel

Make sure you choose "CD network installation" at "Install mode". Enter Exact Globe's network install directory at "Local installation directory". Click the "OK"-button.



🐝 Exac	:t Custom Solutions Network Installation 🛛 🗖 📉 🗙
	Checking files:
	File 4 of 4
	🔹 Exact Custom Solutions Network Install 💌
	Number of files to install: 4 Required diskspace: 472 KB
	Yes No

Exact will check the files that are going to be installed. "Do you want to continue?" Click the "Yes"-button to proceed.

The installation will be completed after this. When Exact Globe is executed on a work station, Exact's software will be checked against the network installation of Exact Globe and the files of the SDK Custom solutions that were just installed.

5.6 Scenario 5- Synergy Enterprise

Before you start installing the QicsTime custom solution for Synergy Enterprise make sure the web services are activated. In order to do that choose "setup", "web services" in the "system" menu and check all the available services.

In order to install the right QicsTime Custom solutions execute this file from CD: "..\Installations\Exact Custom Solutions\Scenario 5- Synergy Enterprise\Setup.exe"

Note: Use the "setup.exe" not the "Setup.Synergy.Enterprise.msi". The installation wizard is executed. Follow the instructions as shown.



Click the "Next"-button



🚽 QicsTime Synergy Enterprise	
Select Installation Folder	
The installer will install QicsTime Synergy Enterprise to the following folder.	
To install in this folder, click "Next". To install to a different folder, enter it be	elow or click "Browse".
Eolder: C:\inetpub\www.root\Exact Synergy Enterprise\	Browse Disk Cost
Install QicsTime Synergy Enterprise for yourself, or for anyone who uses the	his computer:
Everyone	
⊘ Just me	
Cancel < Back	Next >

Enter the location where synergy enterprise is installed.

"Install for yourself, or for anyone who uses this computer": Make sure you choose "Everyone". This will avoid problems with synchronization between QicsTime and Synergy Enterprise.

谩 QicsTime Synergy Enterprise	
Confirm Installation	
The installer is ready to install QicsTime Synergy Enterprise on your computer. Click "Next" to start the installation.	
Cancel < Back	Next >

Click the "Next"-button to start the installation. Once the installation is finished, click the close button.

When you start Synergy Enterprise you will find a "QicsTime" link in the top menu.



Eddy Plasler | Log off | Preferences | About

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software		Name	Freedown	Curata	Fauralitar	15-hours	
	Homepage	news	Explorer	Create	Favorites	History	a lutral fam
My work	Menu: C	licsTi	me	Financial	Logistics Projec	t Customers Marketing HRM Documents System Qostim	
Homenana	Fielda q		in e			e v	
Myworkflow	Entry Repor	t Setup					
My calandar	Employees					Customers	
My planning	Employees					Customers	
Fry planning	Functions					Customercategories	
Museseurces	Department	2					
My resources	Projects					Items	
My accounts	Projects					Items	
Myitems	Projectcateg	ories				Itemgroups	
My requests	Projectleder	1				Main itemgroups	
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My invoices							
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Choose "settings" in the QicsTime > "Setup" menu.

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Saftware	Homonace	Menue	Evolution	Create	Envoritor	History					
	nomepage	News	explorer	Enancial II	ravorites	t L Curtoner	n I Markatina		umante I Cue	tom I O'ceTre	o I Workfle
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My calendar	General										
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Musers	-		UserName	<u>V</u>							
My resources			Password	1.0. 1/ 1	100/ 11/1	252					
My accounts			Website	http://wste	st03/gicstime	358					
My items	Defaults										
My requests		Defau	It Employee								
My projects		Defeu									
My documents	-	Derau	ic Customer	<u> </u>							
My invoices		Der	fault Project								
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> Search											
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→ ⊃											
Documents											
	4										

Servername:

Enter the Server name on which the QicsTime database is installed.



DatabaseName:	Enter the name of the QicsTime database.
Username:	Check the user box.
Website:	Enter the URL of the QicsTime website.

When you entered the correct data, you must be able to open the QicsTime entry screen by choosing "Entry"> "Hour Entry" in the QicsTime menu.

6. QicsTime Database

6.1 New

Creating a new database can be done by running "CreateDatabase.exe". You can find this file in the directory you just installed QicsTime Management to.

When you execute the application,	, you will see the following window.
-----------------------------------	--------------------------------------

Create QicsTime Database		
Settings		
Name SQL-Server:	LOCALHOST	
Name Database:	QICSTIME	
Location data files:	D:\SQLDATA	
Location log files:	E:\SQLLOGS	
Progress		
_		

Enter the name of the SQL server, the name of the database and click "Create Database" to start the creation procedure. Change the location of the database and log files if you want, but make sure the folders are correct.

QicsTime Management and QicsTime Web can be assigned to that database now.

6.2 Update

If you have worked with QicsTime before, then the update will be done by starting QicsTime Management. Before you can use the application, you will be asked to update the database. Click the "Ok"-button and the update procedure will be executed. After these steps the installation is finished and you can continue using the new version of QicsTime.