Contiki 17 Install Instructions

1. Getting ready to install Contiki

Hardware and Software requirements:

Please refer to Hardware and Software requirements on our website.

Set up SQL Server correctly, before installing Contiki 17

Please refer to http://www.contiki.co.il/files/installing-sql-server.pdf

Prerequisite: install <u>Pivot table services 2000</u> before installing Contiki 17.

2. Installing Contiki 17

2.1. Download and run:

- <u>Download Contiki</u>, from our website.
- Save the zip file on your PC.
- Extract files.
- Run Setup.exe.
- Follow Contiki's Install Wizard instructions.

2.2. Setting Contiki ready for use:

For the first time Contiki is open, you will be required to supply information related to SQL Server connection settings and other basic details needed for implementation.

Step 1: Choose language (English-Hebrew), press Select and go next with arrows.

	Select Language Step 1 of 5	
	contika	
N	Velcome to Contiki	<u>A</u>
•	This wizard will help you to initialize the application. Step 1: Select your language	64
	English Select English Hebrew	
	Cancel Help >>	ОК

If you change default language (English), your settings will take effect next time Contiki is opened.

Select Language Step 1 of 5	
	CO TIN
&	Welcome to Contiki .This wizard will help you to initialize the application Step 1: Select your language .
	Hebrew Select
< Cancel	Help >> OK

Step 2: Connect to SQL Server

Choose from a list of available SQL Servers displaying the list for "Server" (Browse for more...) or manually write down the Server name. You may use ".\SQL SERVER_NAME" for localhost.

Select SQL Server Step 2 of 5	- 🗆 X
CON TIRN	
 Step 2: Select SQL Server Select the target SQL Server From List. Make sure you have permissions to connect the to server. For unlisted server write the server name manually [use (Local)) if unlisted and if server is it machine] 	nstalled on your local
Server .\SQL2014	[
Use NT Authentication SSPI (Default)	
Password Connction Timeout Concel Help >>	ОК

For remote server, use: (PC_NAME\SQLSERVER_INSTANCE_NAME)

Whenever possible use default authentication settings - Windows Authentication (NT Authentication).

In that case, neither Username nor Password is to be provided.

If you use SQL Authentication, unchecked "Use NT Authentication" and "SSPI" and provide SQL Username and Password.

Step 3: The Database Select one of the options on screen.

lew, Attach or Existing.	
tabase for Contiki	
le to your SQL server (like the Demo) Database already available on the SQL	server.
Dumouse alleady available of the SQL	SCIVEI.
Contiki 17	
	le to your SQL server (like the Demo) i Database already available on the SQL Contiki17

If you select "New", type a name for your Database (Contiki17 is the default).

Step 4: Work Directory

Browse and select on local PC or on a network drive. (Be aware that poor network performance may affect Contiki's speed seriously; even more, it can cause trouble or failure during operation).

	Select Folder Step 4 of 5	_		\times
	CONTIN			
St	tep 4: Select the Contiki work folder		2	
•	Select or create a work folder In this folder you will save your data files, cubes, pivot tables and other user r files	elated o	environr	nent
	Select Folder c:\Contiki17			
	< Cancel Help >>		OK	

Step 5: Verify and confirm settings

	Step 5: Confirm your settings Step 5 of 5			_		×
	9	tiki				
S	tep 5: Confirm your settings					
•	Check below for all selections to be correct For corrections return and define again					
	Server	.\SQL2014				
	Database	Contiki17				
	Folder	c:\Contiki17				
	<	Help	>>		ОК	•

Go back for corrections or press OK to confirm.

🏠 Contiki17	_	×
Finished		
]		
<u>O</u> k		2
J -		

Press OK. Contiki will open for production.

🏠 Contik	. —		×
9	-	IKI	>>
	<u>O</u> perati	ons	
\mathbf{A}	<u>D</u> efiniti	ons	
	<u>E</u> xce)	
	<u>H</u> elp)	
Ċ	E <u>x</u> it		
Settings ; DB=Contik SVR=.\SQI Files=c:\C Count= [1] Produced= Version=5.	admin=off i17 L2016 ontiki17 2017-Dec 17.11.000	-01 3	
	contiki.	it	

You are done with installation. Now, go over next section to configure Contiki 17.

3. Additional Settings:

3.1. Authentication mode connecting to SQL Server:

If you remain with the settings that were defined during initial configuration, all the relevant parameters values are assigned automatically. If you change the authentication mode, make sure to use the correct settings.

Go to DEFINITIONS >> DATABASE>>SELECT DATABASE>>ADVANCED

	SQL Server Login
🚱 Defi − 🗆 🗙	SQL Server: \SQL2016
🕞 Database 📴 Select Database	
Create Entities Set Work Directory	I Use NT Authentication Advanced
Import	Username
📥 Dimensions	
Delete	Password
Lpdates	
Security Cubes	
Rates	Database
Language	
Excel	
Execute Batch	
Q <u>V</u> iew	
Extr <u>a</u> s	Select Cancel
Return	

This window will open.

=	Name Type : Connection Timeout	- 3 item(s)	
	TimeOutShort	15	
	TimeOutMedium	1200	
	TimeOutLong	0	
-	Type : Properties - 4 item(s)		
	Integrated Security	True	
	Persist Security Info	False	
	Connection Pooling	True	
	Command Pooling	True	
hort	Connection timeout		

Under "Properties" use the next parameters, according to your authentication mode.

Authentication	Integrated Security	Persist Security Info
Windows (NT)	True	False
SQL	False	True

3.2 Import data settings and Temporary data file location:

Contiki enables two methods for import data into Contiki's database on SQL Server:

- 1) **Bulk insert:** stable and faster method, but involving additional security settings (follow this link).
- 2) **Slow and simple data insert:** easy to configure but at expense of extra time for import data (it will be half the speed of bulk insert, at best).

This option is only recommended for Demo and small models, or in case bulk insert fails.

In order to use "Slow data insert" select **Definitions Database** Set Work **Directory**



Uncheck "Use fast bulk insert"

Work Directories .\SQL2016 Con-Edemo-17	_		×
User defined data and work directionary (Work Directory)			
C:\Contiki17\Edemo		Browse	
Log files location			
C:\Users\Laura\AppData\Roaming\CIT\Contiki 17\Log		Browse	
Temporary data file location			
C:\Users\Laura\AppData\Roaming\CIT\Contiki 17\Temp		Browse	
Use fast bulk insert (Advanced configuration)			
Tempory data file directory on remote PC with SQL-Server as seen from the client (Optional)		-	_
		Browse	
Tempory data file directory on remote PC with SQL-Server as seen from the server (Optional)	_		
1			
Set Defaults Save	E	xit	

The "Work Directories" window should look like this:

C.\Centilii17\Edemo			Browne
Je. Contakt 17 (Edenio		L_	Drowse
Log files location			
C:\Users\Laura\AppData\Roaming\CIT\Contiki 1	17\Log		Browse
Temporary data file location			
C:\Users\Laura\AppData\Roaming\CIT\Contiki 1	17\Temp		Browse
Use slow data insert (Easy configuration)			

Check again, in order to return to advanced configuration.



Bulk Insert settings.

This is the faster way to import data into SQL Server. In order to perform bulk insert when running Contiki, temporary tables are created at a specific location.

This location is set using "Work Directories" configuration.

While installing Contiki, a Temp directory is created by default for these temporary files: C:\Users**USER_NAME**\AppData\Roaming\CIT\Contiki 17\Temp

Important: It is extremely significant to have every user have his own, unique write locations. Therefore, the defaults are the best. Otherwise conflicts (like locks and bulk insert errors) can occur with more than one person working simultaneous with Contiki.

User running Contiki must have write permissions on this Temp folder.

SQL Server proxy (who is running it, may be built in user, or system, or other) must have read rights on this folder.

In case SQL SERVER is installed in a remote location, set a Temp folder on the same machine where SQL SERVER is installed, fill the information on the fourth line as shown below. (Be sure that **Use fast bulk insert** is checked).

Work Directories .\SQL2016 Con-Edemo-17	_		\times
User defined data and work directionary (Work Directory)			
C:\Contiki17\Edemo		Browse	
Log files location			
C:\Users\Laura\AppData\Roaming\CIT\Contiki 17\Log		Browse	
Temporary data file location			
C:\Users\Laura\AppData\Roaming\CIT\Contiki 17\Temp		Browse	
Use fast bulk insert (Advanced configuration)			
Tempory data file directory on remote PC with SQL-Server as seen from the client (Optional)	_		
NSQL_SERVER_PC\ContikiTempFolder		Browse	
Tempory data file directory on remote PC with SQL-Server as seen from the server (Optional)			
<u>S</u> et Defaults <u>S</u> ave	E	xit	

SQL SERVER must have read permissions on this folder, Contiki's user must have write permissions on it.

3.3 Security settings:

Contiki's users must be granted with full rights on C:\Program Files (x86)\CIT\ConTiki 17

To do this, right click on this file => Properties => Security.

Set permissions for users as shown:

📙 ConTiki 17 Prop	erties				×
General Sharing	Security	Previous Version	s Cust	omize	
Object name: (C:\Program F	Files (x86)\CIT\Con	Tiki 17		
<u>G</u> roup or user nam	es:				
SYSTEM					^
Section 24 Administrators	(PEGASUS	S-PC\Administrator	s)		
Sers (PEGA)	SUS-PC\Us	ers)			
StrustedInstall	er			>	Ť
To change permis	sions, click l	Edit.		<u>E</u> dit	
Permissions for Us	ers	A	llow	Deny	
Full control			/		^
Modify			/		
Read & execute		~	/		
List folder conter	nts	~	/		
Read		~	/		
Write		~	/		\sim
For special permis click Advanced.	sions or adv	vanced settings,	A	d <u>v</u> anced	
	0	K Can	cel	<u>A</u> pp	ly

3.4 Excel additional settings:

Add Contiki Working Directory and subfolders to trusted location.

It is also recommended to add C:\Program Files (x86)\CIT\ConTiki 17 and subdirectories to trusted locations.

rust Center			?
Trusted Publishers	Trusted Locations		
Trusted Locations	Warning: All these locations are treated as truste	d sources for energing files. If you shange or add	a location make
Trusted Documents	sure that the new location is secure.	a sources for opening mes. If you change of add	a location, make
Trusted Add-in Catalogs	Path	Description	Date Modified
nusted Add in editiogs	User Locations		
Add-ins	C:\Program Files (x86)\CIT\ConTiki 17\		13/05/2018 13:3
ctiveX Settings	C:\contiki17\Edemo\		13/05/2018 13:3
Aacro Settings	C:\Data\Roaming\Microsoft\Excel\XLSTART\	Excel default location: User StartUp	
indere bettinge	C:\Files\Wicrosoft Office 15\Root\Office15\XI START\	Excel default location: Excel Startl In	
rotected View	C:\Microsoft Office 15\Root\Office15\Librar\	Excel default location: Excel startop	
Aessage Bar	C:\icrosoft Office 15\Root\Office15\STARTUP\	Excel default location: Office StartUp	
External Content	C:\\AppData\Roaming\Microsoft\Templates\	Excel default location: User Templates	
ile Block Settings	Policy Locations		
rivacy Options			
	Pathy CAProgram Filer (v86\\)CIT\Co	nTiki 17)	
	Description:		
	Date Modified: 13/05/2018 13:34		
	Sub Folders: Allowed		
		Add new location Rem	ove Modify
	Allow Trusted Locations on my network (not r	ecommended)	
	Disable all Trusted Locations		

For Tik Function functionality, go to Excel Options =>Add-Ins

cel Options		?	×
General	Add-ins.		
Formulas			
Proofing Add-ins			
Save Name A	Location	Туре	^
Active Application Add-ins			
Contiki I.T. Flatten xlsx Add-in	C:\gram Files (x86)\YAH\ConTiki 5\YahPlan5.dll	COM Add-in	
ranced Contiki I.T. Tik Olap Tools for financial reporting	mscoree.dll	COM Add-in	
omize Ribbon Contiki I.T. Tools for pivot reporting	mscoree.dll	COM Add-in	
Microsoft Office PowerPivot for Excel 2013	C:\ Excel Add-in\PowerPivotExcelClientAddIn.dll	COM Add-in	
Access Toolbar			
Inactive Application Add-ins			
Analysis ToolPak	C:\15\root\office15\Library\Analysis\analys32.xll	Excel Add-in	
Center Analysis ToolPak - VBA	C:\t\office15\Library\Analysis\ATPVBAEN.XLAM	Excel Add-in	
btmoffice.Connect	C:\ram Files (x86)\Intel\Bluetooth\btmoffice.dll	COM Add-in	
Date (XML)	C:\ Files\Microsoft Shared\Smart Tag\MOFL.DLL	Action	
Euro Currency Tools	C:\e 15\root\office15\Library\EUROTOOL.XLAM	Excel Add-in	
Financial Symbol (XML)	C:\ Files\Microsoft Shared\Smart Tag\MOFL.DLL	Action	
Inquire	C:\t Office 15\root\office15\DCF\NativeShim.dll	COM Add-in	
Microsoft Power Map for Excel	C:\er Map Excel Add-in\EXCELPLUGINSHELL.DLL	COM Add-in	
Microsoft Power Query for Excel	C:\Windows\SysWOW64\mscoree.dll	COM Add-in	
Power View	C:\ Excel Add-in\AdHocReportingExcelClient.dll	COM Add-in	
Salvar Add in	C1 root/office15\Libran/COLVED\COLVED VLAM	Evcal Add in	~
Add-in: Contiki I.T. Flatten xlsx Add-in			
Publisher: <none></none>			
Compatibility: No compatibility information	available		
Location: C:\Program Files (x86)\YAH\C	onTiki 5\YahPlan5.dll		
Description: Contiki Flatten Add-in			
Manage: Excel Add-ins <u>G</u> o			
] L	OK	Can	cel





Exit Excel and reopen for changes to take effect.

3.4 Online features

A connection to Internet is required for Validation of Contiki's License and periodic updates. If not, manual validation and update should be performed.

For Contiki 17 to have online support features (like updates etc.) enabled, open Firewall (any port http) in both directions for:

- "<Installation Path>\ CIT.ConTiki.17.exe" (updates)
- "<Installation Path>\ CIT.Net.exe"

(updates)

• "<Installation Path>\ CIT.FileTransfer.exe" (support)

Contiki servers:

Open firewall for

- 141.226.35.189 Ports: 80, 443
- 2012.contiki.co.il and it.contiki.co.il
- If running old versions open yah2003.contiki.co.il and yah2008.contiki.co.il

3.6 Working with Contiki on a Terminal Server

Contiki supports multisession. To enable this capability, open Contiki 17 TS instead of Contiki 17 (default).



As Contiki 17 shortcut is placed by default on the desktop during installation, be sure to remove it and replace by Contiki 17 TS shortcut for each terminal user, to avoid conflicts between them.

Additional settings, mentioned above, must be configured for each single user.

For further information and updates, please visit our website periodically: <u>http://www.contiki.co.il/</u>

Have you any remark, suggestion, question? Please, do not hesitate to contact us: Contiki I.T. Ltd. Industrial Park Granot - 3881100 - Israel TE: +972-4-632-1495 sales@contiki.co.il Document Version: 05/2018