

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 [Pivot table services 2000](#) before installing Contiki 17.

2. Installing Contiki 17

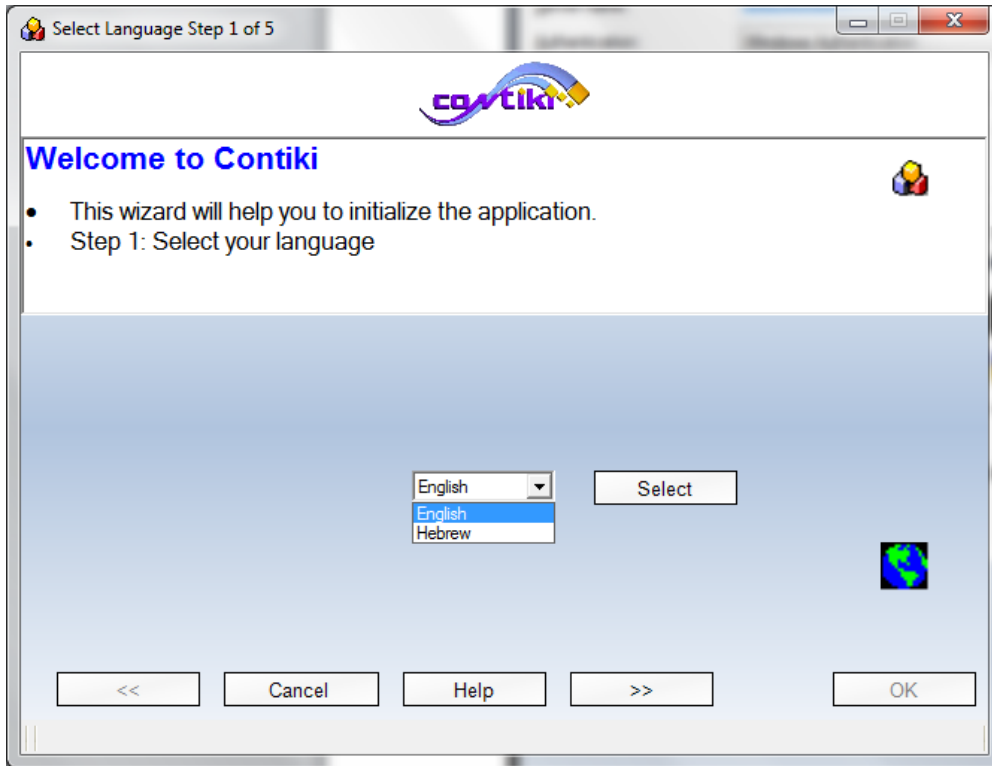
2.1. Download and run:

- [Download Contiki](#), from our website.
- Save the zip file on your PC.
- Extract files.
- Run **Setup.exe**.
- Follow Contiki's Install Wizard instructions.

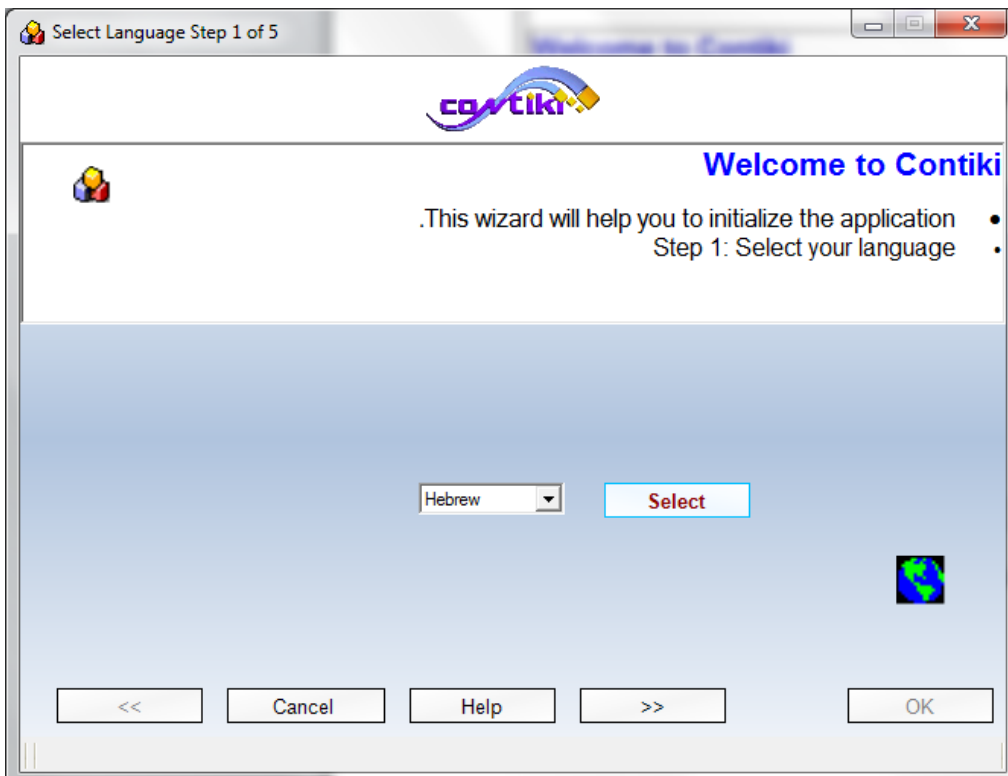
2.2. Setting Contiki ready for use:

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.



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



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

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 installed on your local machine]

Server: \SQL2014

Use NT Authentication SSPI (Default)

Username: _____

Password: _____

Connction Timeout: 60

<< Cancel Help >> OK

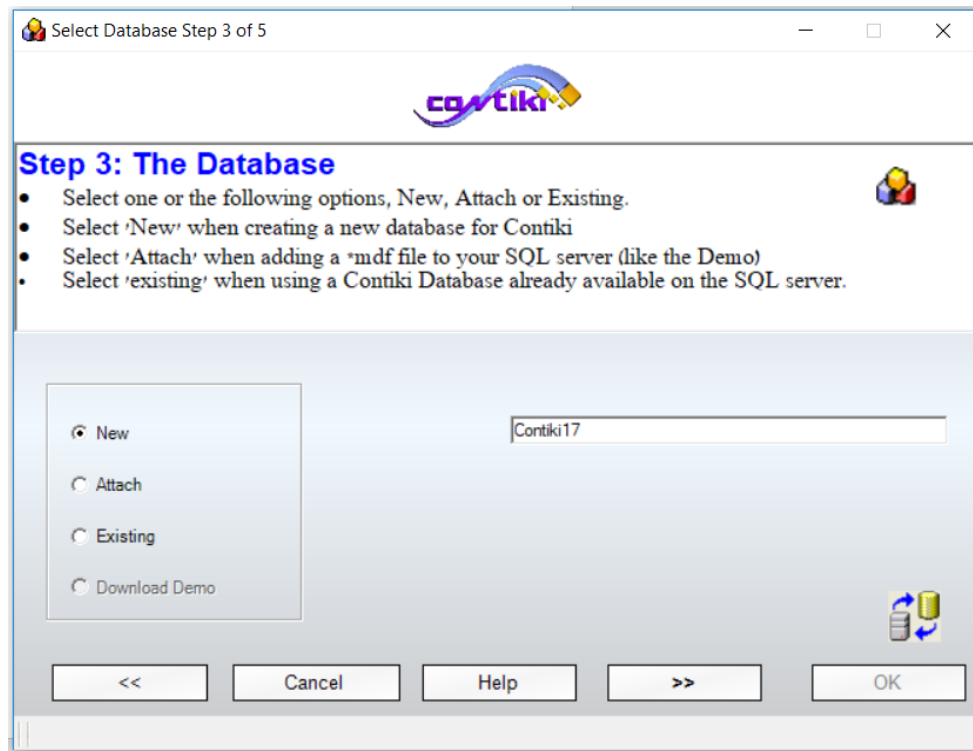
For remote server, use: **(PC_NAME\SQLSERVER_INSTANCE_NAME)**

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.

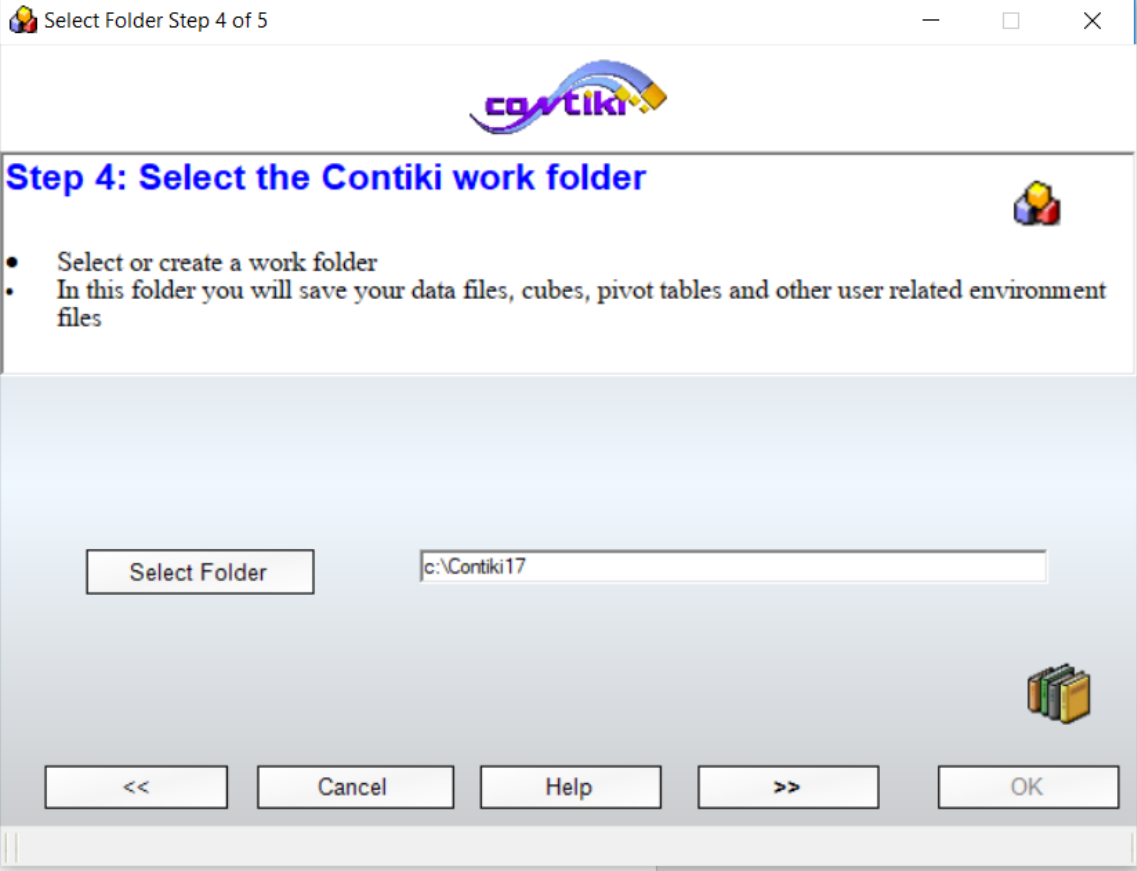
Step 3: The Database Select one of the options on screen.



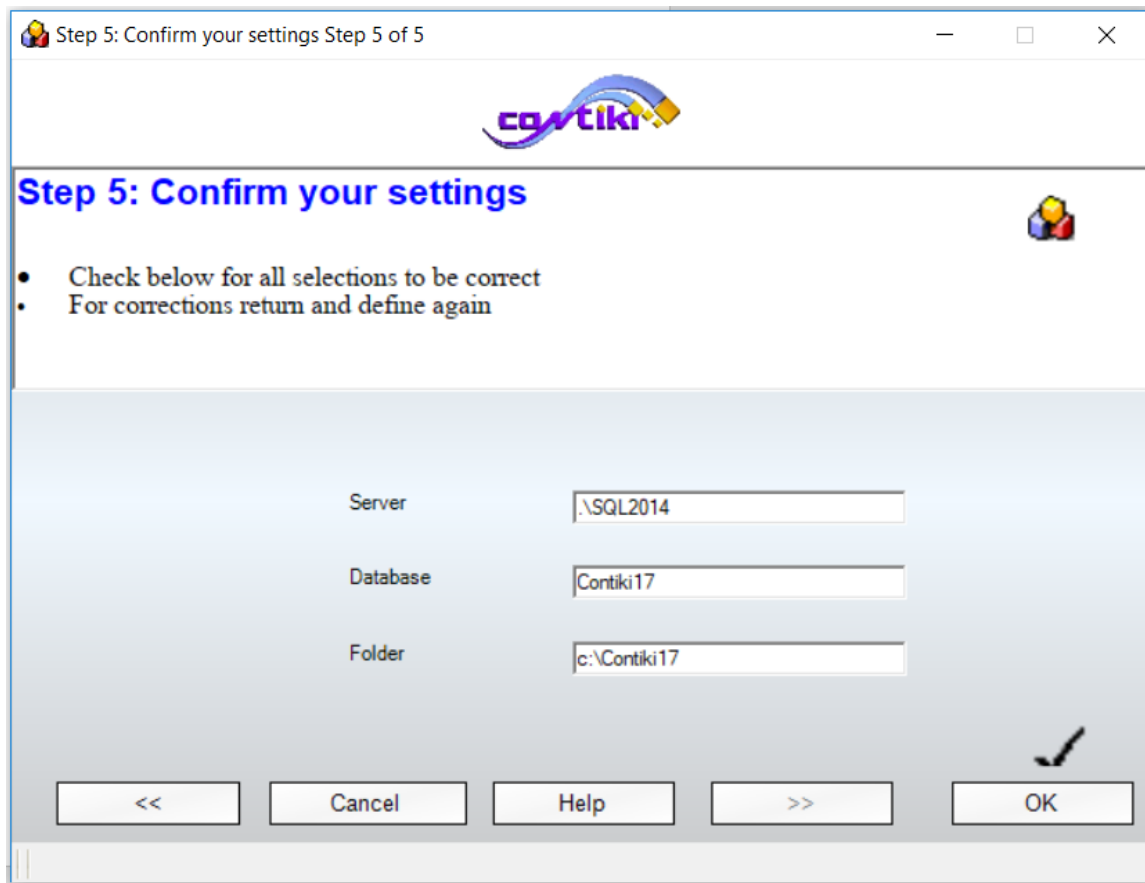
If you select “New”, type a name for your Database (Contiki17 is the default).

Step 4: Work Directory

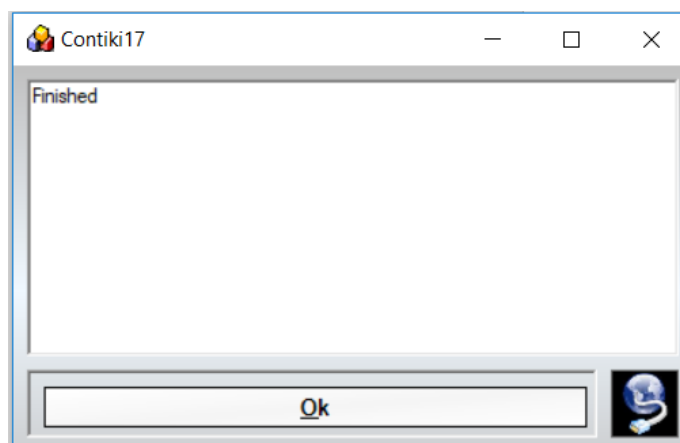
Browse and select on local PC or on a network drive. *(Be aware that poor network performance may affect Contiki's speed seriously; even more, it can cause trouble or failure during operation).*



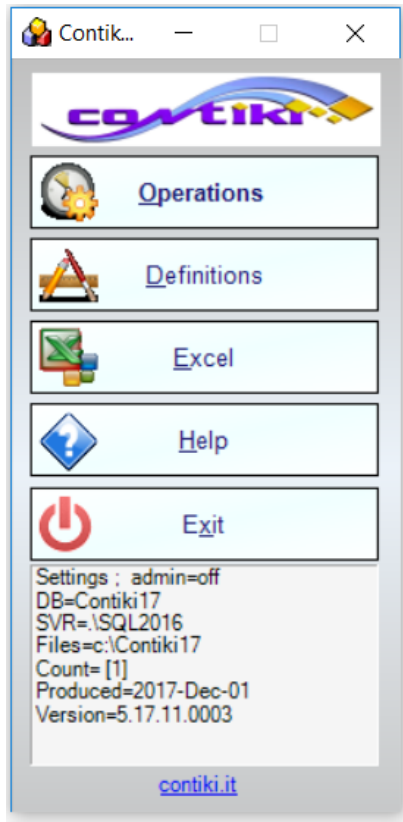
Step 5: Verify and confirm settings



Go back for corrections or press OK to confirm.



Press OK. Contiki will open for production.



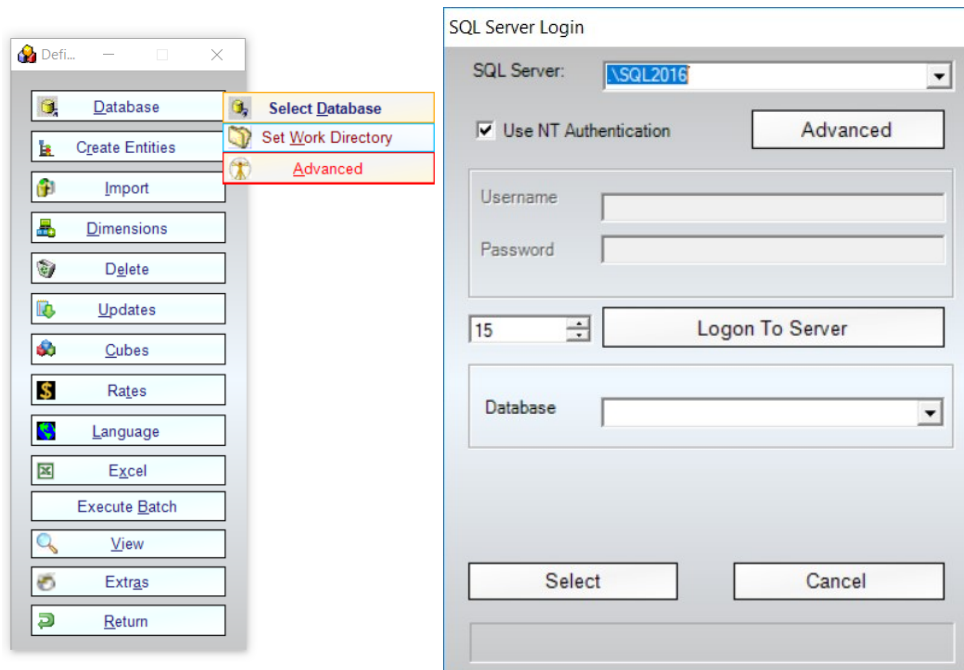
You are done with installation. Now, go over next section to configure Contiki 17.

3. Additional Settings:

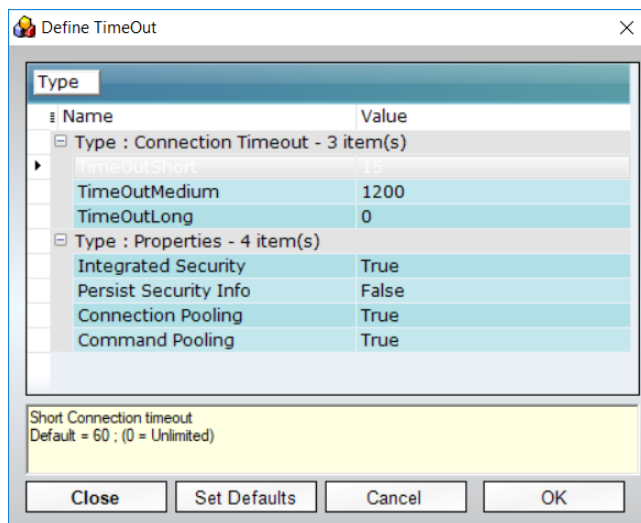
3.1. Authentication mode connecting to SQL Server:

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



This window will open.



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

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

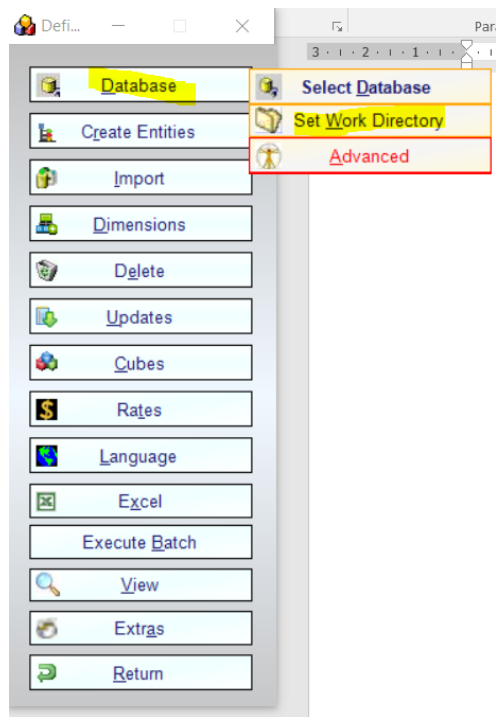
3.2 Import data settings and Temporary data file location:

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

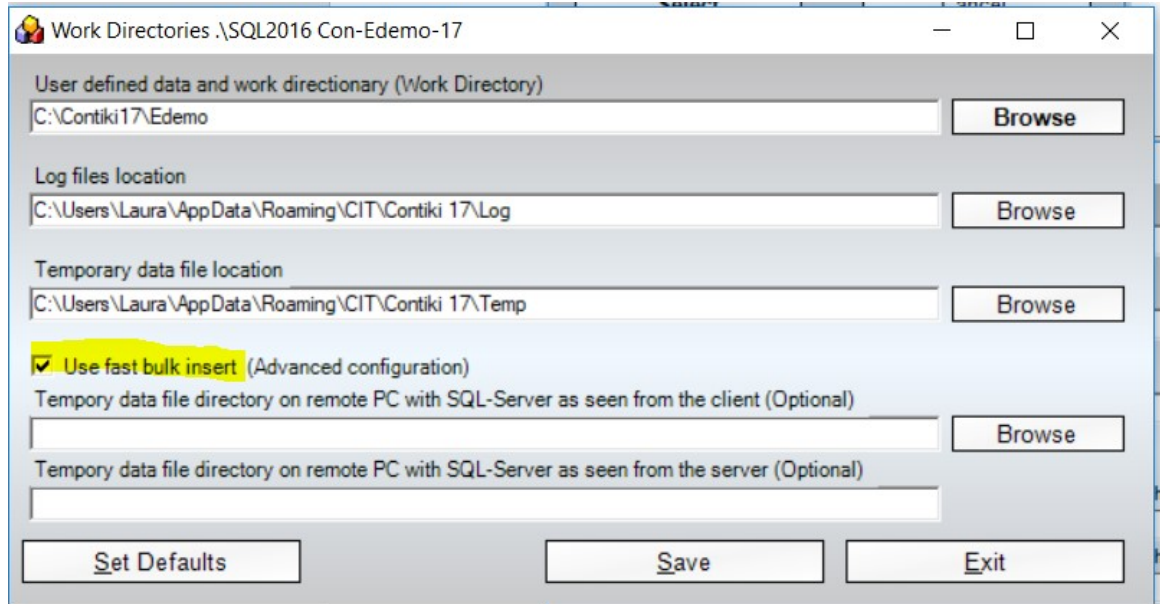
- 1) **Bulk insert:** stable and faster method, but involving additional security settings ([follow this link](#)).
- 2) **Slow and simple data insert:** easy to configure but at expense of extra time for import data (it will be half the speed of bulk insert, at best).

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

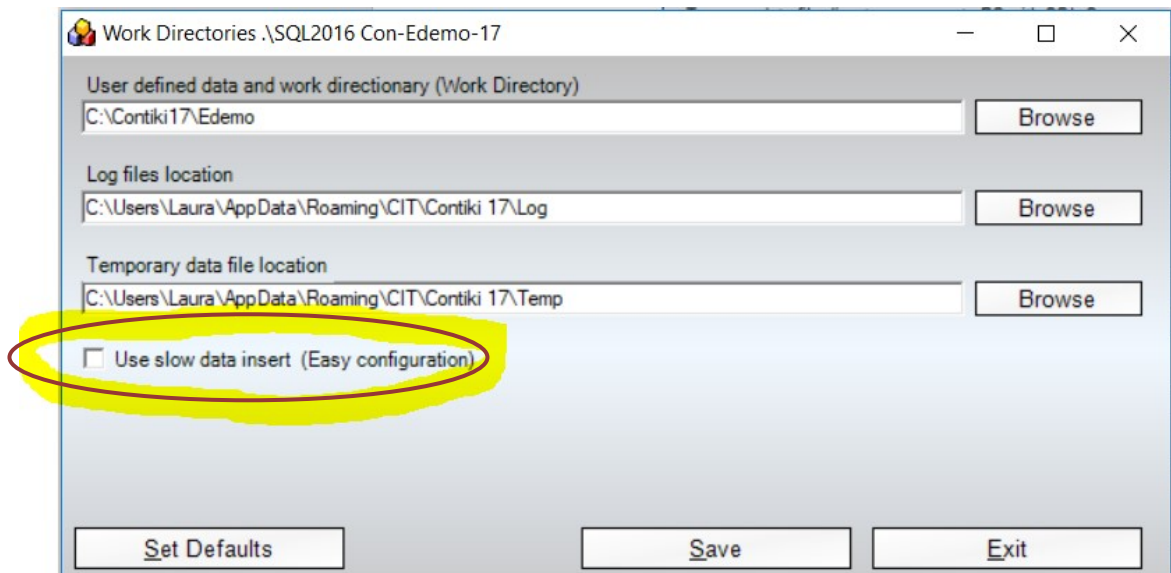
In order to use "Slow data insert" select **Definitions** → **Database** → **Set Work Directory**



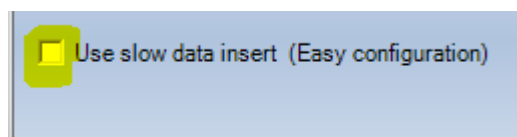
Uncheck "Use fast bulk insert"



The "Work Directories" window should look like this:



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.

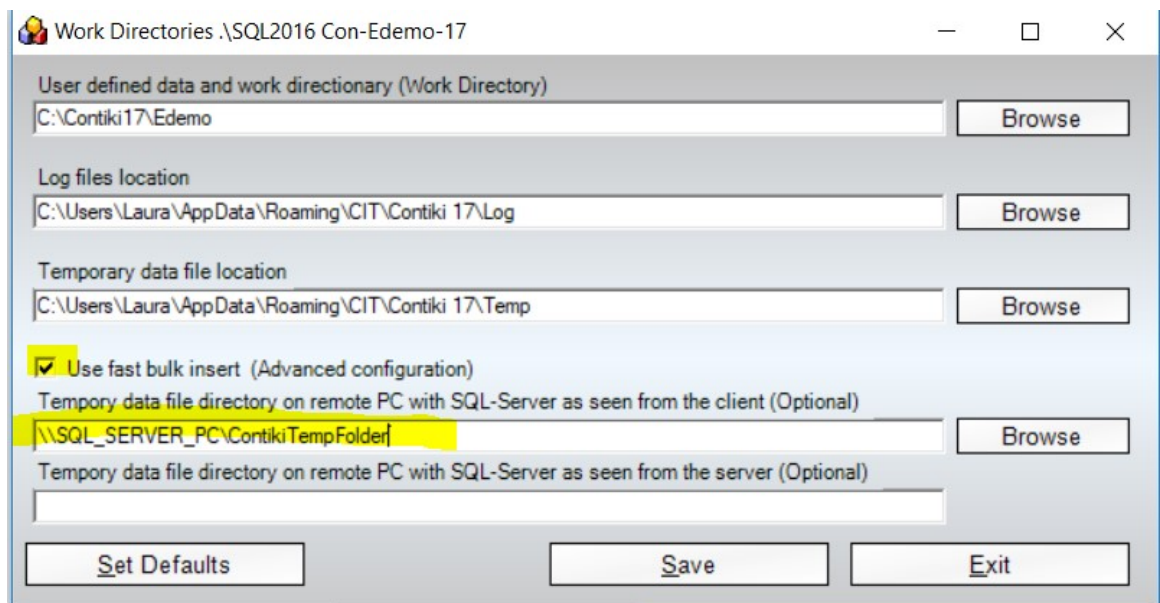
While installing Contiki, a Temp directory is created by default for these temporary files:
C:\Users**USER_NAME**\AppData\Roaming\CIT\Contiki 17\Temp

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).



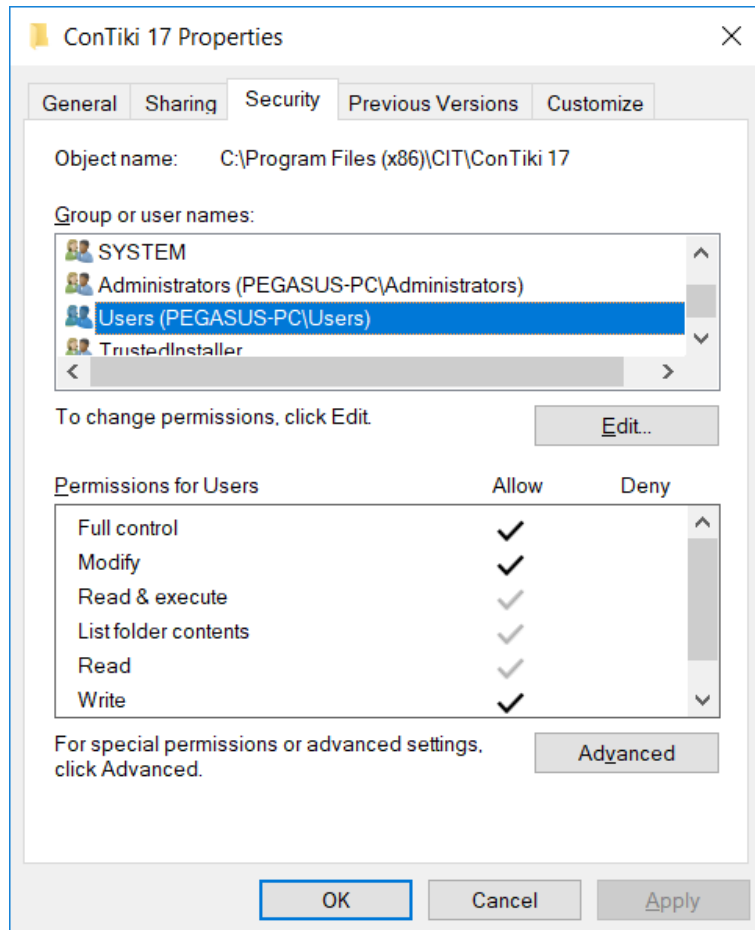
SQL SERVER must have read permissions on this folder, Contiki's user must have write permissions on it.

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.

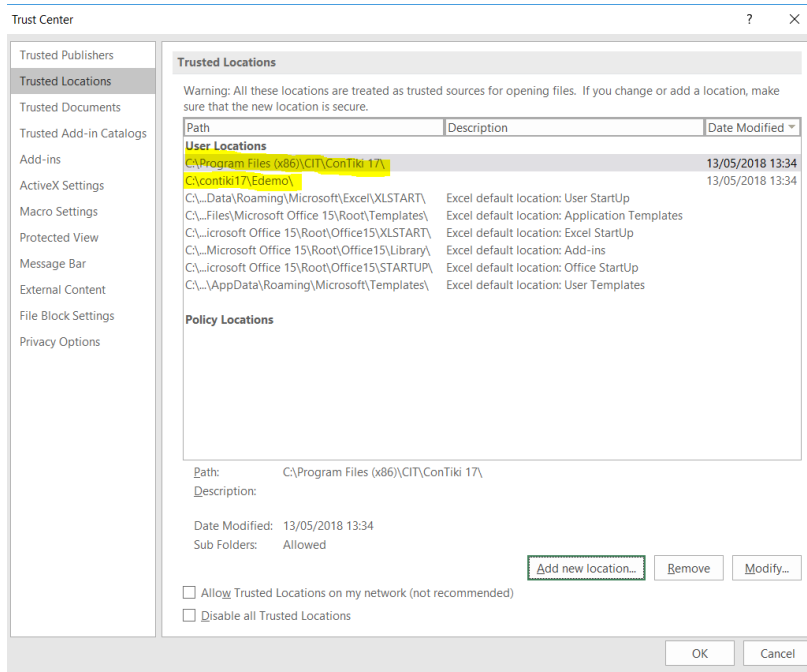
Set permissions for users as shown:



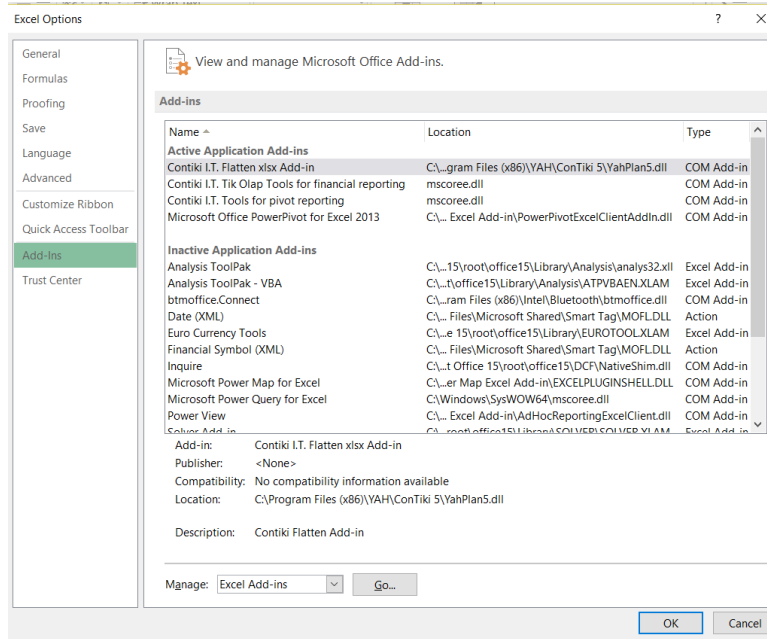
3.4 Excel additional settings:

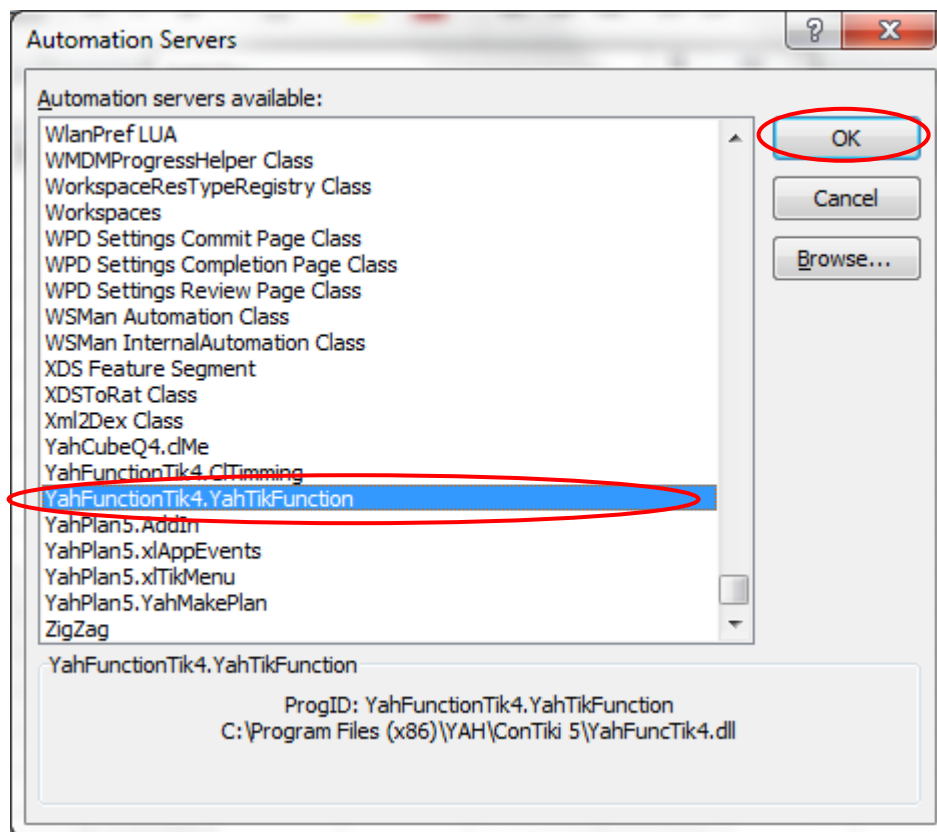
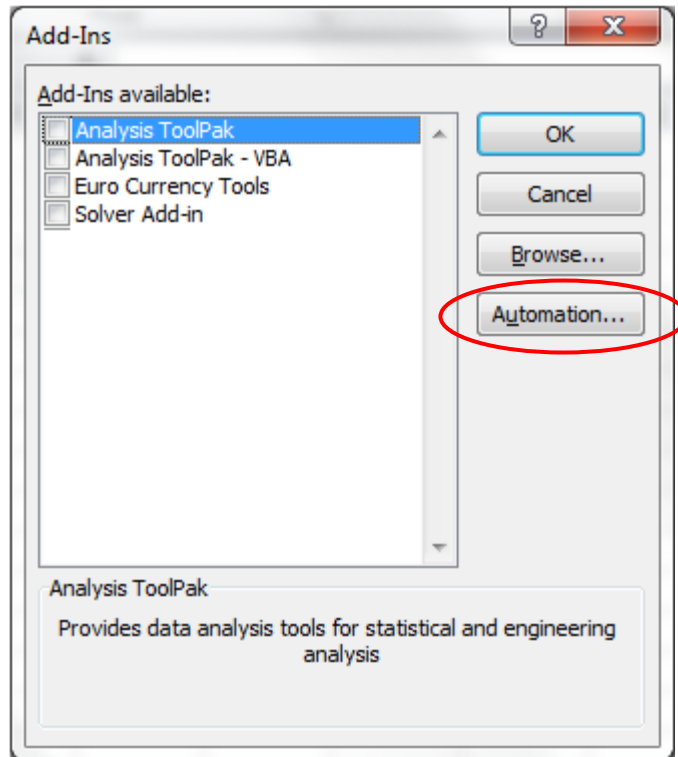
Add Contiki Working Directory and subfolders to trusted location.

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



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





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)

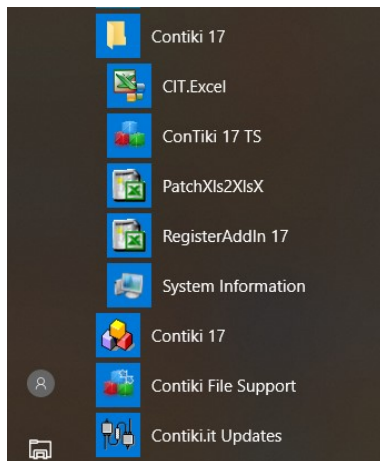
Contiki servers:

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:

<http://www.contiki.co.il/>

Have you any remark, suggestion, question? Please, do not hesitate to contact us:
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