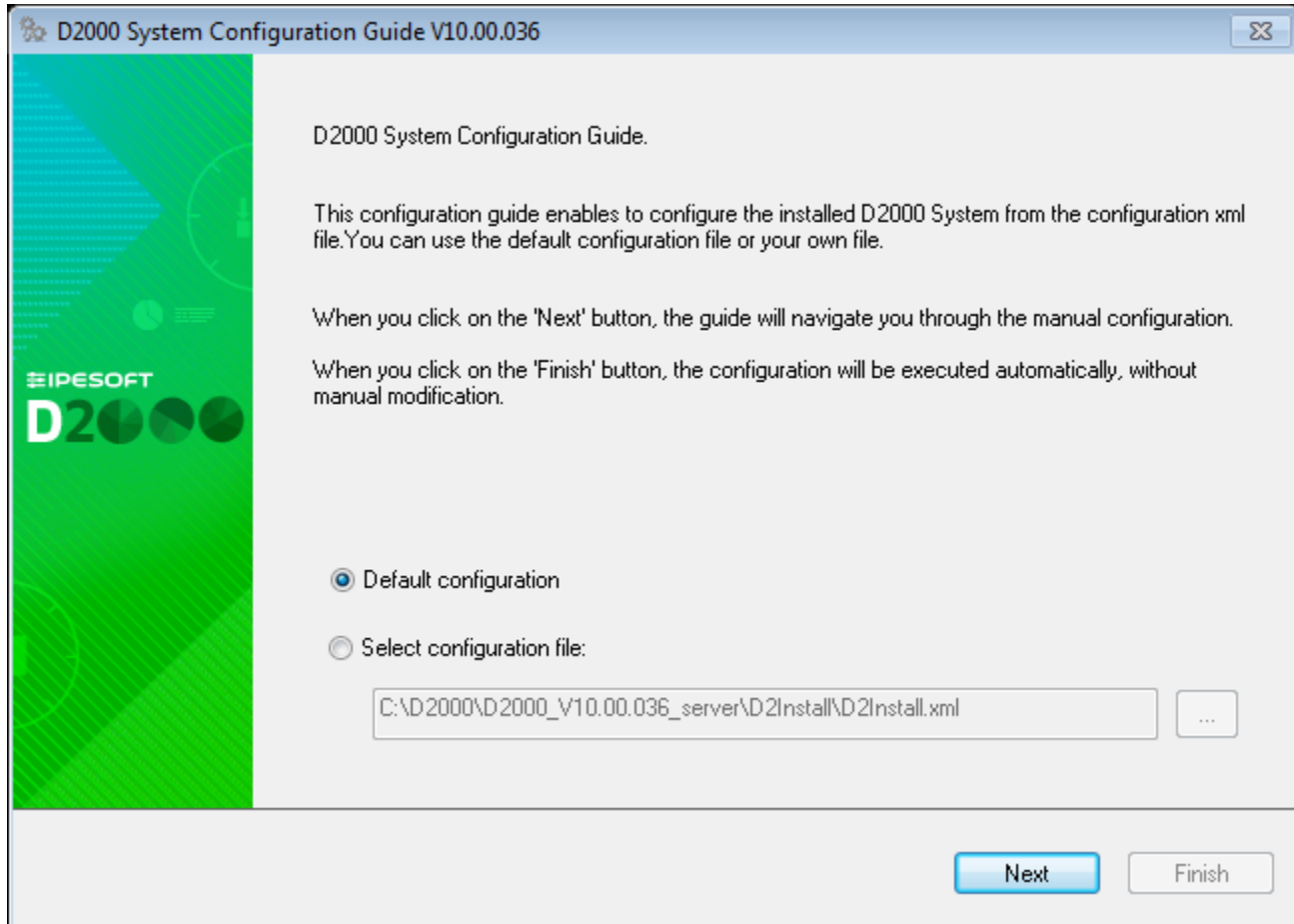


Configuration process

D2000 System Configuration Guide

To start the configuration guide, click on the file **D2Install.exe** in the directory that has been created when creating a new instance.



A structure of the configuration tool is similar to the [installer](#). You may use the "Next" and "Back" buttons when you go through the configuration dialog windows. The "Install" button runs the final configuration.

At first, you have to specify the input configuration file in the initial window. There are two files you may choose - the default configuration file or own file.

The default configuration file *D2install.xml* contains the default settings of system. This file is used when choosing the option "**Default configuration**".

The configuration tool enables both the manual and automatic configuration. When you click on "Next" button, the **manual configuration** will be done. It means, the user is guided through all the necessary dialogs in which he may specify the system settings. The "Install" button starts the **automatic configuration** according to chosen configuration. The user cannot change the configuration parameters. There will be used those from the defined configuration file.

A user has three options:

1. Use the default configuration (D2install.xml) and manually pass the configuration guide.
2. Specify own configuration file and manually pass the configuration guide.
3. Specify own configuration file and automatically configure D2000 System without the guide.

When selecting the automatic configuration, all the steps that configure the system are skipped and the final configuration is started (see the section "[Final configuration](#)").
All the steps below will be done, when selecting the manual configuration.

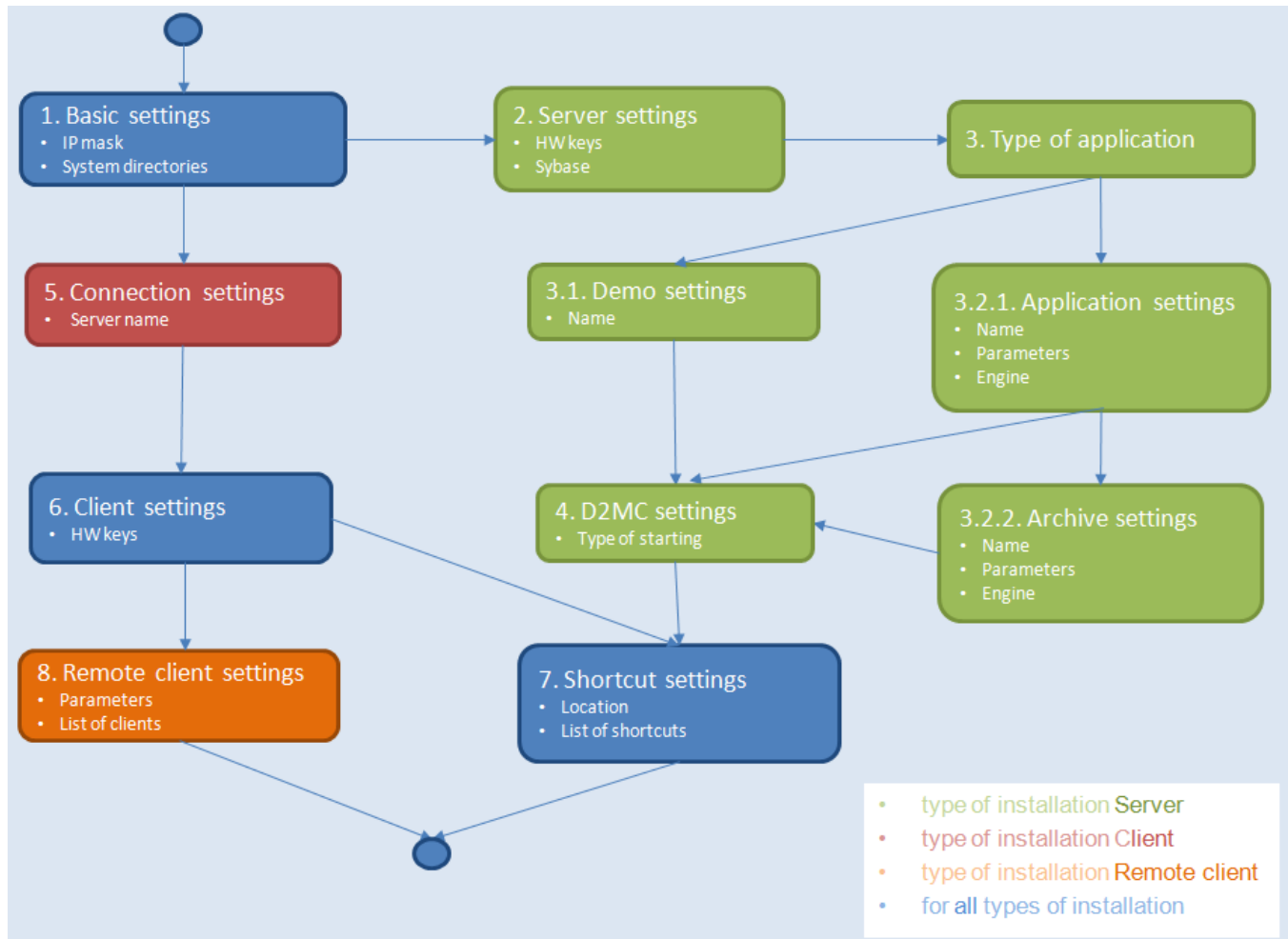
Manual configuration

In [the installation guide](#) you could chose one of the following types of installation:

- **Server**
- **Client:**
 - Basic
 - Developer
 - Remote

Each type of installation requires the different system settings. Therefore, the installation guide is different for each installation. The steps of configuration depend on the type of installation and the marked parameters in the single dialog boxes.

The installation process is depicted on this configuration map.



Each rectangle represents one configuration dialog for the setting of system parameters. The configuration proceeds according to the arrows. The upper point represents the start position, i.e. the configuration dialog in which you have to choose a type of installation. The end point represents a final configuration as per the settings.

Hint: Each step on the map represents a cross-reference which refers to related information in this text.

Configuration guide

1. Basic settings (all types of installation)

D2000 System Configuration Guide V10.00.036

IP mask and system directories

Insert the IP mask of network and select the path to the system directories.

IP mask:

255.255.255.0

D2000 directories paths:

Application: C:\D2000\D2000_V10.00.036_server\D2000_APP ...

In the selected directory will be saved application files System D2000.

Logging: C:\D2000\D2000_V10.00.036_server\D2000_EXE\Log ...

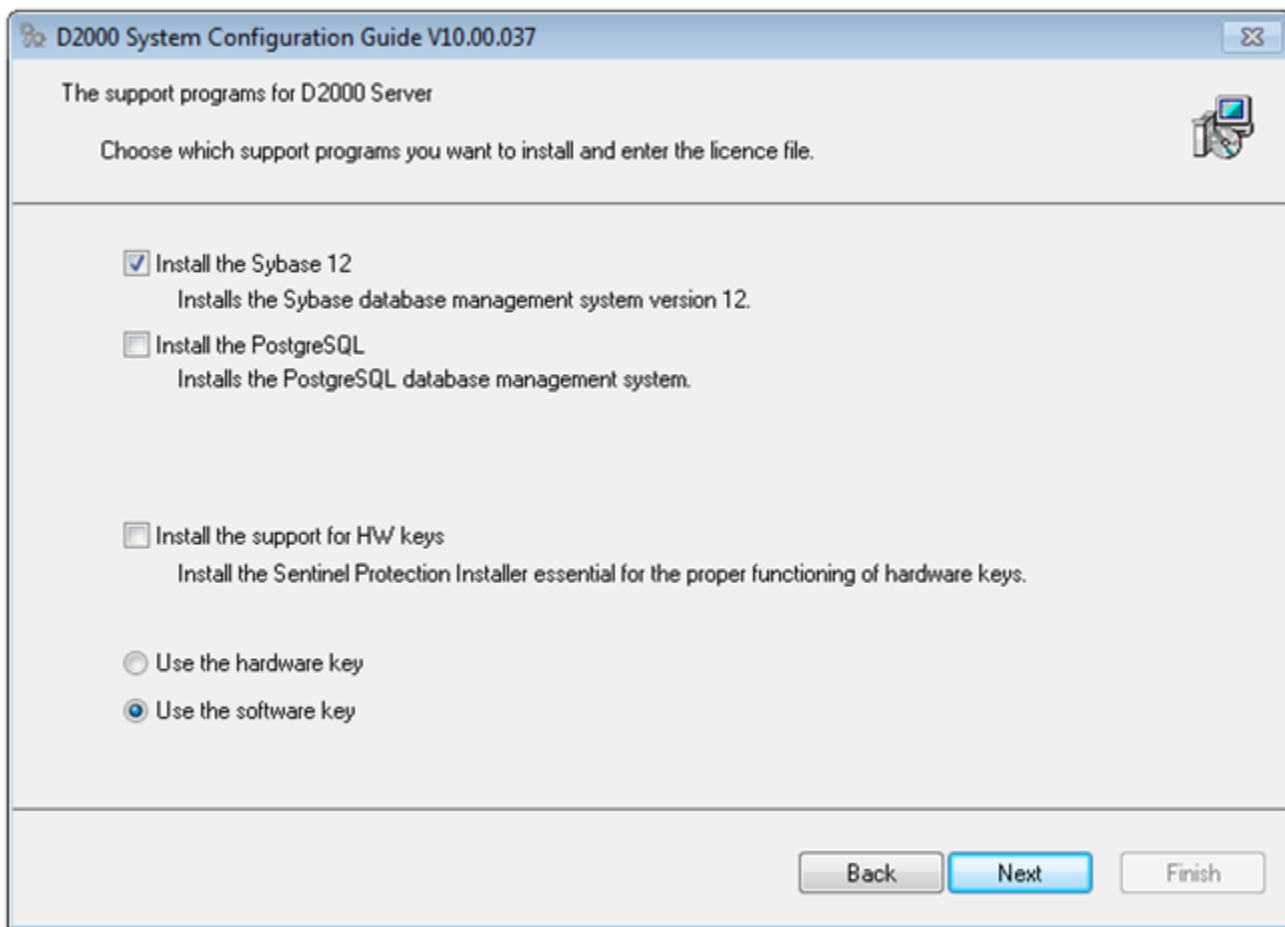
In the selected directory will be stored log information on system operation D2000 and its processes.

Back Next Finish

In this dialog window, you define the mask of network and the path to the basic directories necessary for the D2000 System operation:

- Application – the directory to which all files necessary for application will be stored.
- Logging – the directory that will contain the information about the process activity.

2. Server settings (Server)



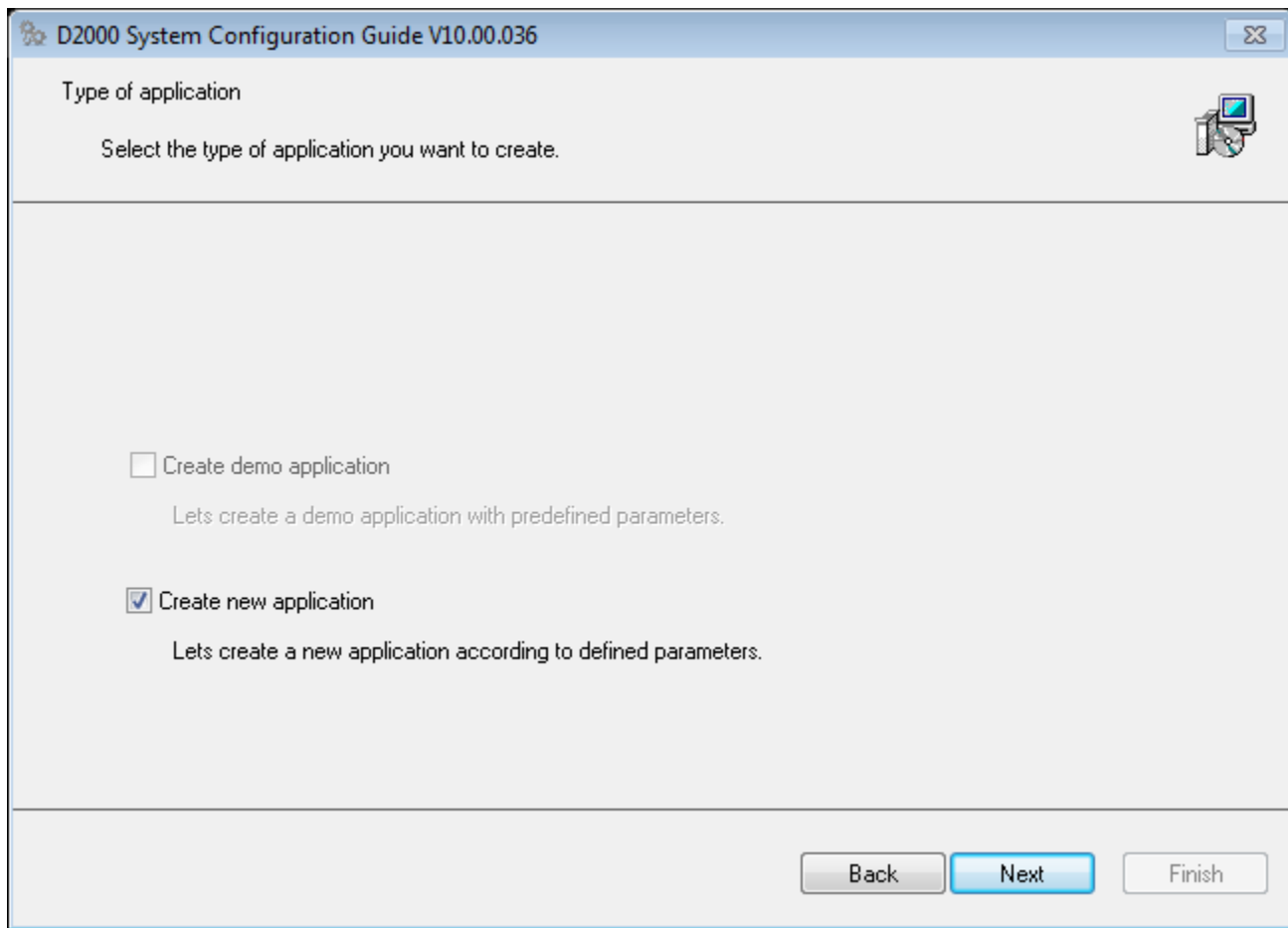
Support programs

The options define which support programs, necessary for running of some parts of D2000 System, are to be installed. If some of the options is checked, this program will be installed after finishing the configuration. If some of the items is checked and disabled, the given program is installed on the computer and need not be installed again.

Use hardware keys / Use software keys

Specifies the type of license keys that will be used for authentication in D2000 System.

3. Type of application (Server)



In this dialog window, the user chooses which application will be created. There are three options:

- [Demo application](#) – it is a default application that is in the installation pack. In some versions of the installer the option could be disabled if it is not in the installation pack.
- [New application](#) – the user may define the application according to his requirements and parameters.
- **No application** – if no option is checked, the user need not configure any application and can smoothly proceed to other settings of the system.

The application may be created later if this step is skipped. You may do this in the module [D2000 Application Manager](#).

3.1 Demo settings

The screenshot shows a Windows-style dialog box titled "D2000 System Configuration Guide V10.00.036". The main heading is "Demo application settings". Below it, the instruction "Enter the name of the new demo application." is displayed. A large text input field is centered, containing the text "D2000_V10.00.036_Demo". At the bottom right, there are three buttons: "Back", "Next" (which is highlighted with a blue border), and "Finish". A small icon of a computer monitor is located in the top right corner of the dialog box.

When creating a demo application, there is only one parameter to be defined - Name.

3.2 New application

When creating the new application, the parameters are set manually. As it requires to set a lot of parameters, it is recommended for the advanced users of D2000 System.

In addition, the dialog box enables to add an archive. This is optional and the archive can be added later in the module [D2000 Application Manager](#).

1. Application settings

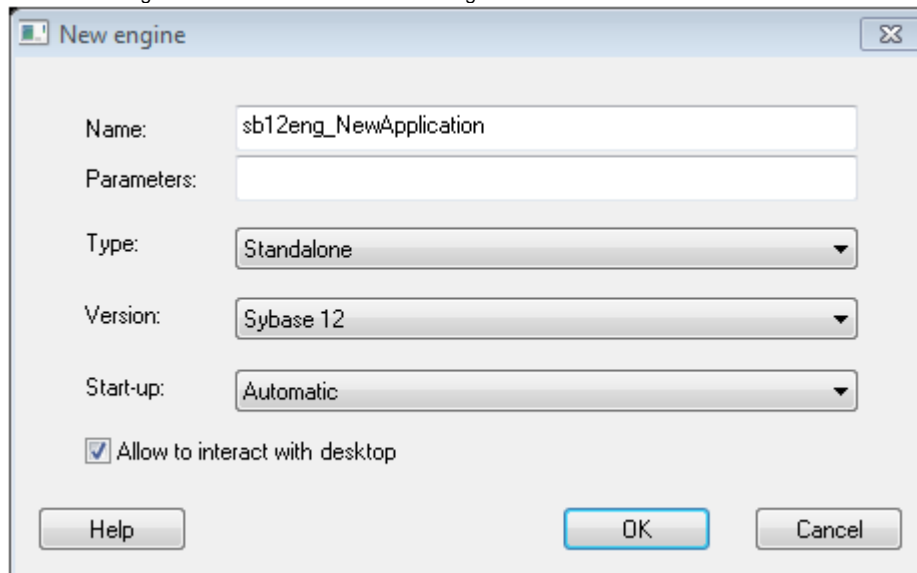
- Name**
When creating the new application, the parameters like "Name" and "Database platform", on which the application will run, must always be defined.
- Database platform** The selection of a database platform. The database must be already installed.
- Application use Java** D2000 System Java functionalities will be used.
- Create archive** The change of the archive parameters. If the option is not checked, the archive is not created.
- Application parameters** It enables to specify the detail parameters of the new application. When clicking on the button, the configuration dialog box opens. It shows the detail settings as per the database platform.
- Application settings for **SYBASE** platform

D e s c r i p t i o n	A brief description of application. Optional parameter.
P a r a m e t e r s	It defines the start parameters. The detailed description is stated in the reference guide for D2000 System.
S t a r t-	Defines the starting of the given application.

up

E
ng
ine

The application on Sybase platform requires the running engine, which must be specified. It means: - to choose the engine which is in the system or - create the new engine ("Create new" button) The newly created engine may be set later ("Change" button). If this button is disabled, the engine is already in the system. The user cannot change it in this configuration tool. The created engine can be set or edited in this dialog window.

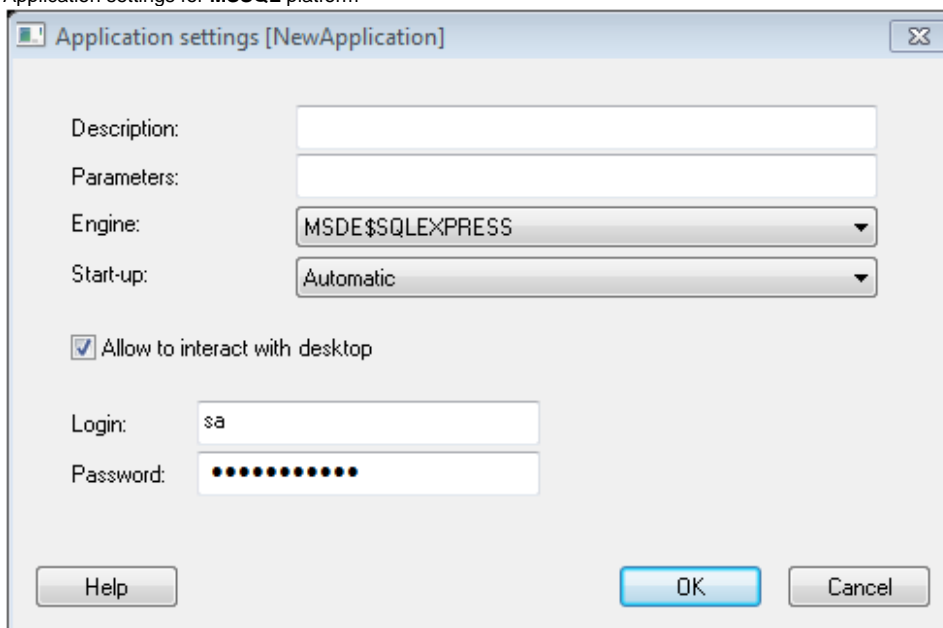


The parameters Name (unique) and Parameters You have to specify the unique name of engine and the parameters related to its operations.
The start parameter of engine are entered in the text box **Parameters**. If the box is empty, *d2install* adds the default parameters automatically. The engine name must be unique and explicit, otherwise an error message occurs.

H
elp

Opens the D2000 on-line reference on the particular page which describes the creating of application on the given platform.

- Application settings for **MSSQL** platform



The parameters to set the application on MSSQL platform are similar to that ones on Sybase platform. The difference is that the name and password for access to the database must be entered. And also the fact that there cannot be created engine for MSSQL, you must choose from the existing ones. If there is not any engine, it is likely that MSSQL database has not been installed or is configured incorrectly. It means, the configuration tool cannot create this application.

- Application settings for **Oracle** platform

Application settings [NewApplication]

TNS: D2000

Login:

Password:

Description:

Parameters:

Start-up: Manual

☐ Create only the connection to the existing application

☒ Allow to interact with desktop

Temp table space: TEMP

Data file path:

SysCfg start data file size: 50M

SysCfg data file size step:

☒ Log file in syscfg

LogFile start data file size: 100M

LogFile data file size step: 20M

LogFile max data file size: 2000M

Help OK Cancel

The description on how to set the parameters for the application on Oracle platform is stated in reference guide for D2000 System.

2. Archive settings

D2000 System Configuration Guide V10.00.036

Archive settings

Set the required parameters for the archive.

Name: SELF

Database platform: Sybase

Parameters

Back Next Finish

Database platform, on which the archive database will run, must be set. The **archive name** is SELF and should not be changed! When clicking on **Archive parameters** button, you may set other parameters depending on the database platform.

- Archive settings for **Sybase** platform

Archive settings [SELF]

Engine: D2DemoEngine

Create new Change

☐ Set as instance of shadow archive

Help OK Cancel

In the dialog box above, you have to select (or create) the engine for the archive database. The steps are the same as when setting the [engine](#) for the application on Sybase platform.

- Archive settings for **MSSQL** platform

Archive settings [SELF]

Engine: MSDE\$MSSMLBIZ

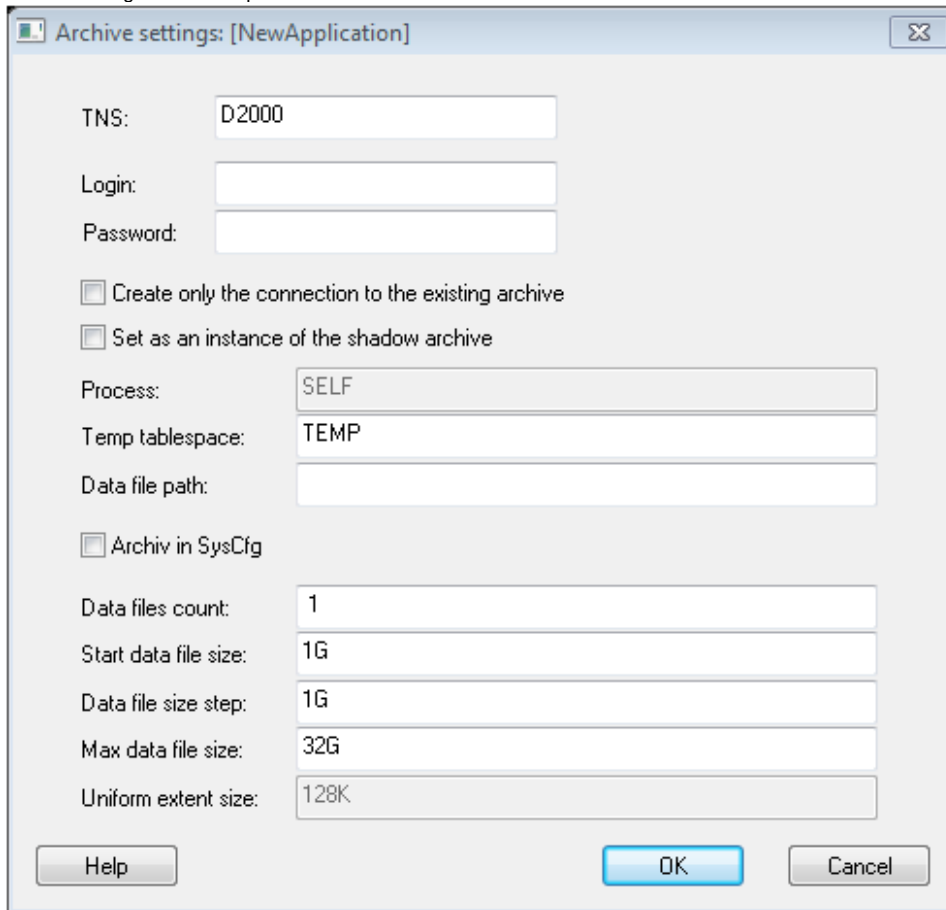
☐ Set as instance of shadow archive

Login: sa Password:

Help OK Cancel

The parameters are similar to the archive settings on Sybase platform. In addition, there are the parameters **Login** and **Password**. The database engine must be selected from the existing ones. If no engine is accessible, the archive on MSSQL platform cannot be established.

- Archive settings for **Oracle** platform



The image shows a Windows-style dialog box titled "Archive settings: [NewApplication]". It contains several input fields and checkboxes for configuring an archive. The fields are: TNS (D2000), Login (empty), Password (empty), Process (SELF), Temp tablespace (TEMP), Data file path (empty), Data files count (1), Start data file size (1G), Data file size step (1G), Max data file size (32G), and Uniform extent size (128K). There are three checkboxes: "Create only the connection to the existing archive", "Set as an instance of the shadow archive", and "Archiv in SysCfg". At the bottom are three buttons: "Help", "OK", and "Cancel".

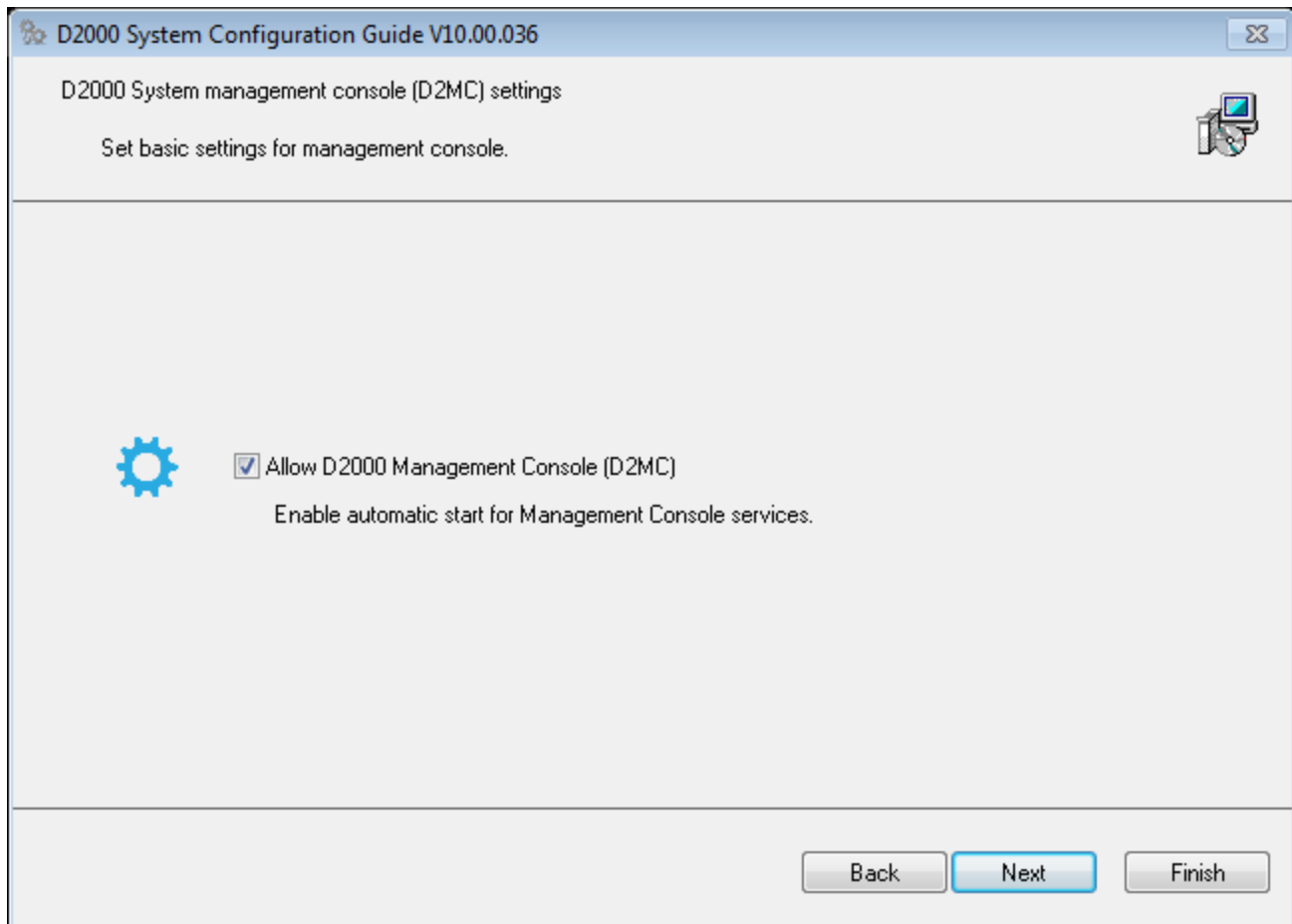
TNS:	D2000
Login:	
Password:	
<input type="checkbox"/> Create only the connection to the existing archive	
<input type="checkbox"/> Set as an instance of the shadow archive	
Process:	SELF
Temp tablespace:	TEMP
Data file path:	
<input type="checkbox"/> Archiv in SysCfg	
Data files count:	1
Start data file size:	1G
Data file size step:	1G
Max data file size:	32G
Uniform extent size:	128K

Buttons: Help, OK, Cancel

The description on how to set the parameters for the application on Oracle platform is stated in reference guide for D2000 System.

4. D2MC settings

In this dialog window, a user may set the automatic startup of D2MC, which is used for managing the **D2000 System**.



5. Connection settings (Client)

It requires to set the connection to D2000 Server. It is either **IP/Computer name** or **name of redundant group**. This setting is determined for all configured clients.

D2000 System Configuration Guide V10.00.036

Connection to a server

Set up a connection to a server or a redundant group of D2000 System.

☐ Connect to a redundant group /RF

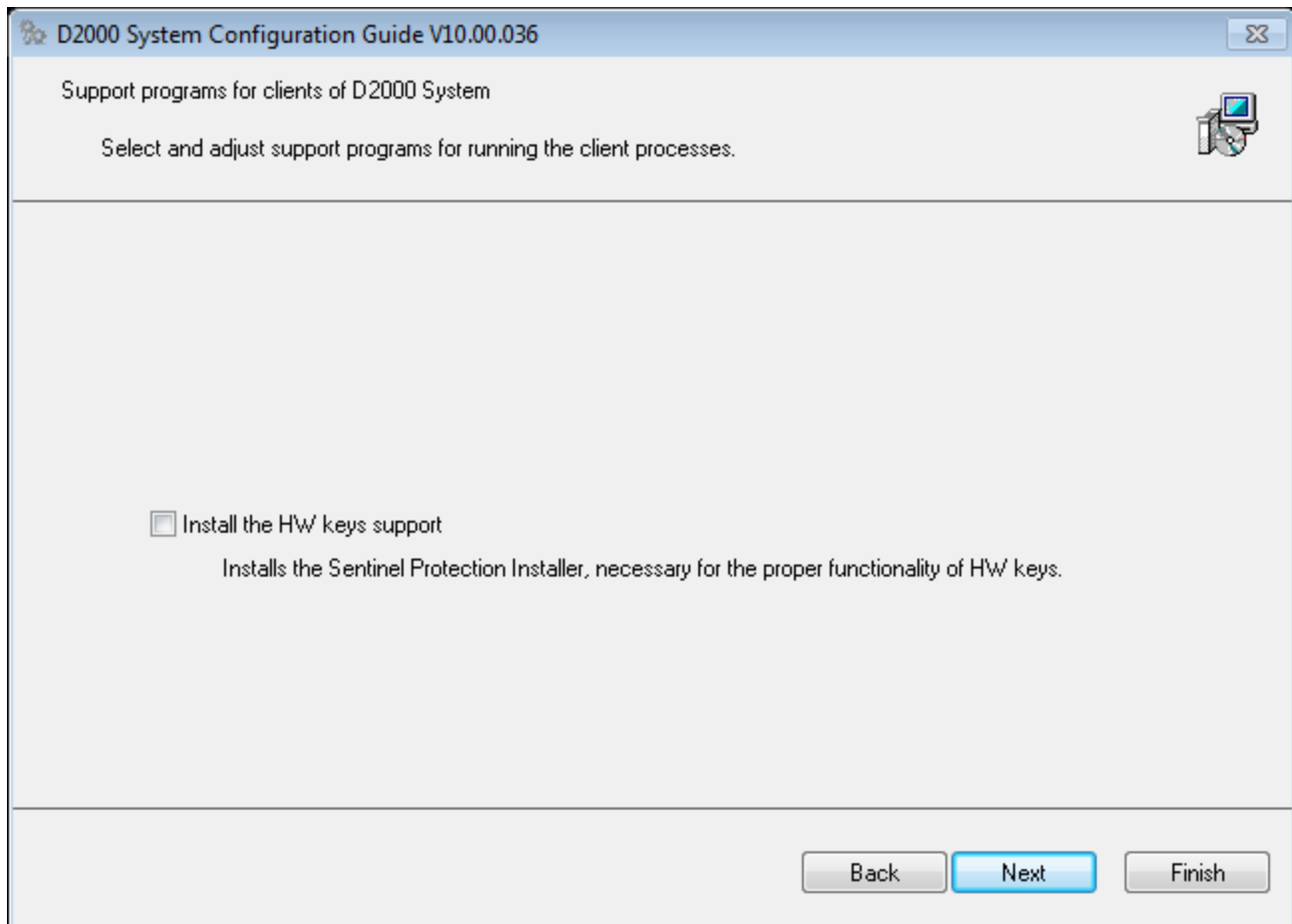
IP/computer name:

localhost

Back Next Finish

6. Client settings (Client)

This dialog window enables to define which support programs are to be installed for the client processes. It is the support for HW keys.



7. Creating the shortcuts (Client)

In this dialog window user may set the shortcuts of the important processes of D2000 System and their placement. The final configuration will contain all links that are checked in the column "Add shortcut". If any parameter is not checked, no shortcut will be created in the computer.

D2000 System Configuration Guide V11.02.057

Creating the shortcuts for D2000 System clients

Select the client, for which the shortcut should be created and their location.

Shortcut location:

- ☒ Desktop
- ☒ Start menu
- ☒ For all users

To set the shortcut parameters, double-click on the particular client name.

Add shortcut	Client	Parameters
<input checked="" type="checkbox"/>	D2000 Application manager	
<input checked="" type="checkbox"/>	D2000 CNF	
<input checked="" type="checkbox"/>	D2000 System Console	
<input checked="" type="checkbox"/>	D2000 HI	
<input checked="" type="checkbox"/>	D2000 GrEditor	
<input checked="" type="checkbox"/>	D2000 Reference documentation	
<input checked="" type="checkbox"/>	D2000 HI documentation	

Back Next Finish

Double click on the particular client process opens the dialog window in which user may change its relative location ("Name" item) and the start parameters ("Parameters" item).

Shortcut settings: D2000 HI

Name: D2000 V11.2.57 server\D2000 HI

Target: D:\D2000\D2000_V11.2.57_server\D2000_EXE\bin\hi.exe

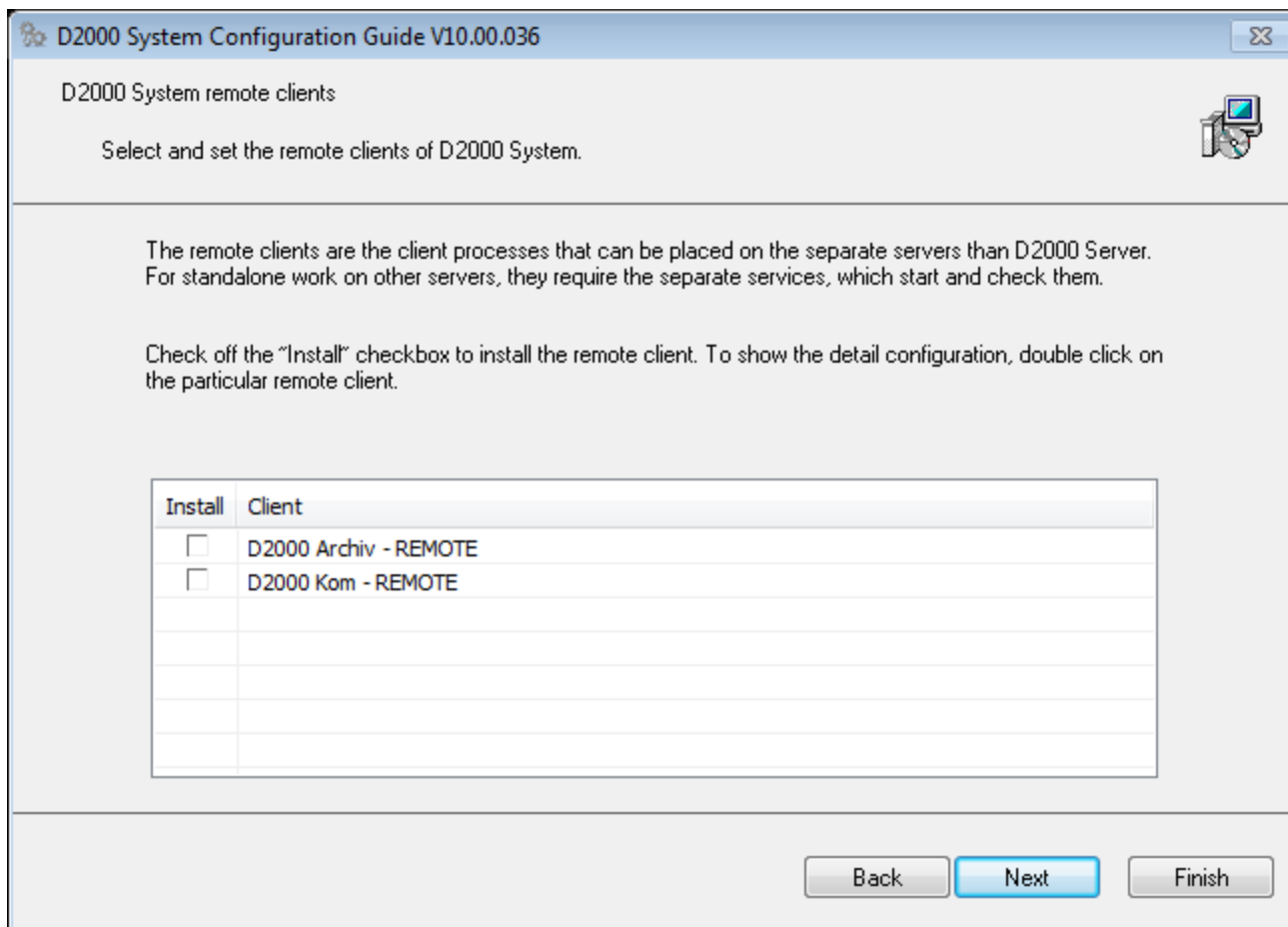
Parameters*:

*The parameters must start with '/' or '-'.

Help OK Cancel

8. Remote client settings (Remote client)

Next step enables to configure the remote processes of D2000 System. If you check the checkbox in the "Install" column means that the given process will be created.



Double click over the remote client to open the configuration dialog box, in which the user may set next parameters.

Remote client settings: D2000 Archiv - REMOTE

Name: archiv

Description:

Path: D:\D2000\D2000 R32\D2000_EXE\bin64\archiv.exe

Parameters: /Sd2000_server

Start-up: Manual

☒ Local system account

☐ Allow to interact with desktop

☐ Login:

Password:

Name: archiv_WD

Description:

Start-up: Automatic

Initialization:

Frequency:

☒ Local system account

☐ Allow to interact with desktop

☐ Login:

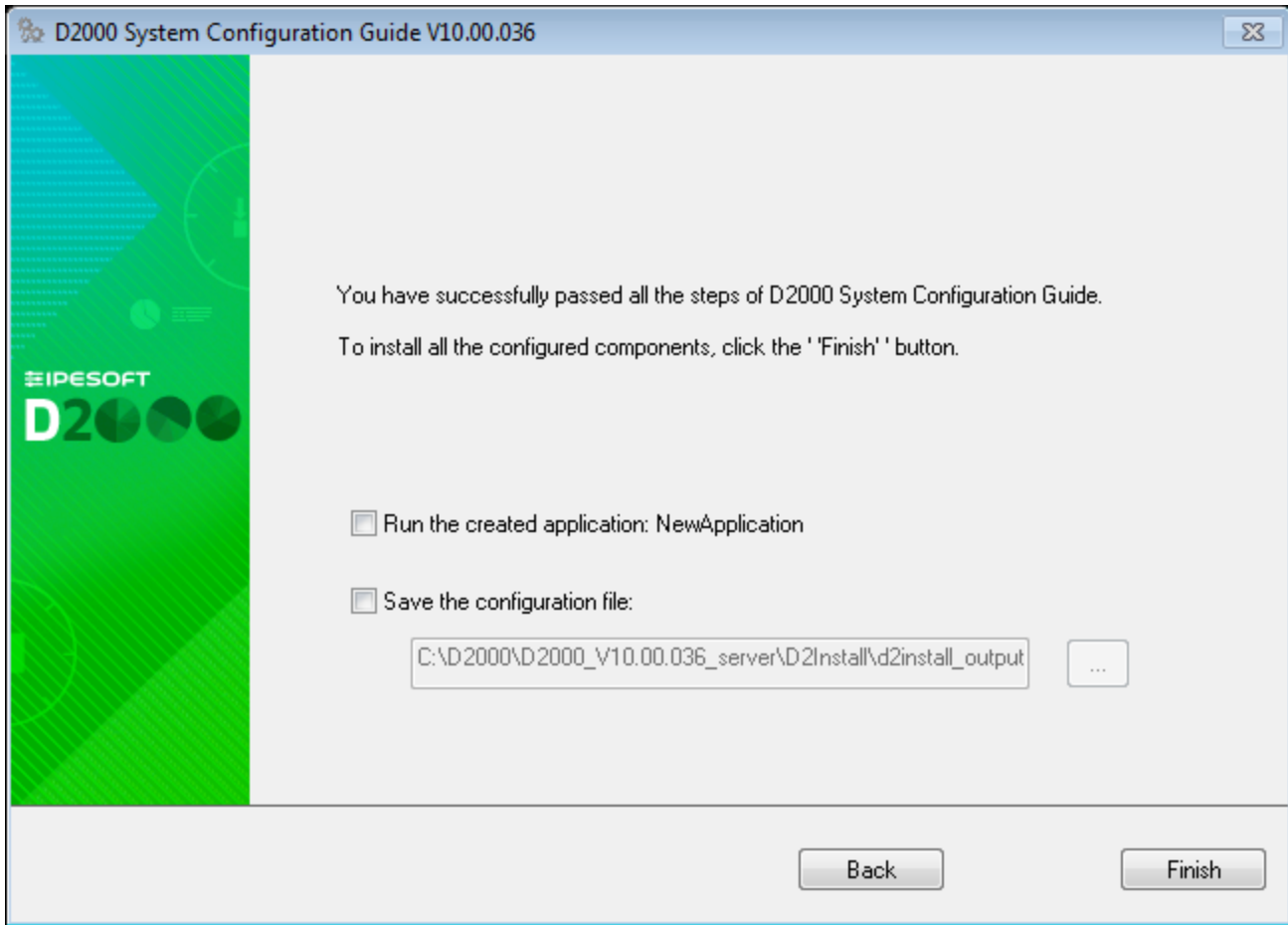
Password:

Help OK Cancel

The detailed parameters of remote client are described in the D2000 System Configuration Reference Manual.

Confirming a configuration

Before the final configuration, you must confirm the configuration.

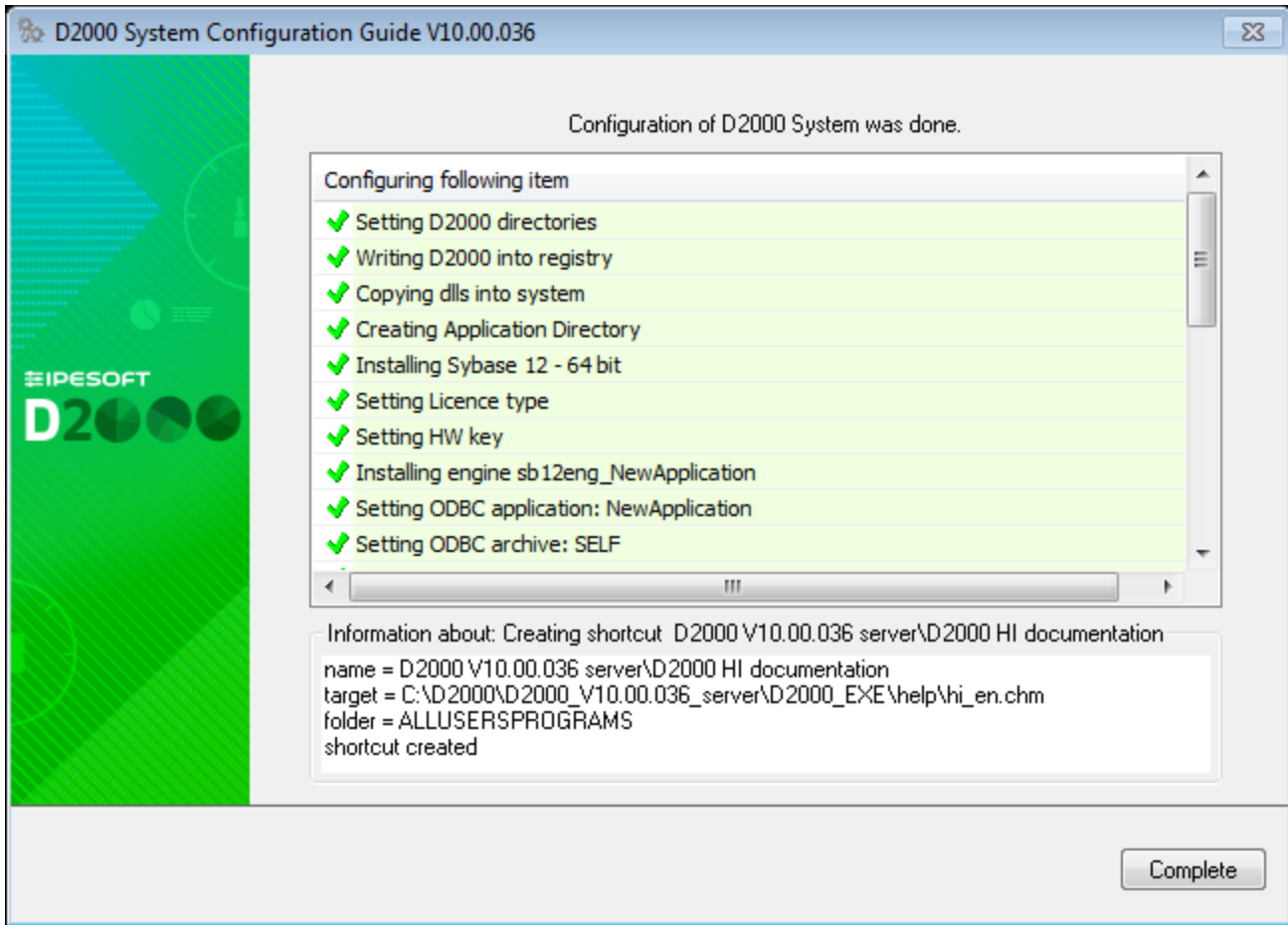


The user may start the application or save the final configuration file for further usage.

Regardless of user decision, the final configuration is always stored to the folder **D2Install** in a target directory where is an instance of installation.

Final configuration

The final configuration is done automatically. In the dialog window, the user can see the information about each step of configuration. It also displays the information about the success or failure of the given step.



After finishing the configuration, the **Complete** button to close the guide is enabled. In this step the instance of D2000 System is installed, configured and ready for use.



Related pages:

[D2Install - D2000 System Configuration Guide](#)