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.

🏇 D2000 System Con	figuration Guide V10.00.036	83
	D2000 System Configuration Guide. This configuration guide enables to configure the installed D2000 System from the configuration x file.You can use the default configuration file or your own file. When you click on the 'Next' button, the guide will navigate you through the manual configuration When you click on the 'Finish' button, the configuration will be executed automatically, without manual modification.	ml ı.
	Default configuration Select configuration file: C:\D2000\D2000_V10.00.036_server\D2Install\D2Install.xml]
	Next Finish	1

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:
 - Client:
 - Basic
 - DeveloperRemote

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	23
IP mask and system directories	_
Insert the IP mask of network and select the path to the system directories.	15
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)

🗞 D2000 System Configuration Guide V10.00.037	23
The support programs for D2000 Server	
Choose which support programs you want to install and enter the licence file.	17
 Install the Sybase 12 Installs the Sybase database management system version 12. Install the PostgreSQL Installs the PostgreSQL database management system. 	
Install the support for HW keys Install the Sentinel Protection Installer essential for the proper functioning of hardware keys.	
Use the hardware key	
Use the software key	
Back	Finish

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)

b D2000 System Configuration Guide V10.00.036		23
Type of application		
Select the type of application you want to create.		17
Create demo application		
Lets create a demo application with predefined parameters.		
📝 Create new application		
Lets create a new application according to defined parameters.		
	Back Next	Finish

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 it this step is skipped. You may do this in the module D2000 Application Manager.

3.1 Demo settings

🏇 D2000 System Configuration Guide V10.00.036	8
Demo application settings	
Enter the name of the new demo application.	IF.
Name of the demo application:	
D2000_V10.00.036_Demo	
Back	Next Finish

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

🗞 D2000 System Configuration Guide V10.00.036	×
Setting a new application	- A
Set the parameters of the new application.	187
Name:	
NewApplication	
Database platform:	
Sybase	
V The application uses Java	
Allows the application to use the Java functionality of D2000 System.	
Create archive	
The choice enables to create the archive and set its parameters.	
Back Next	Finish

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

Application setti	ngs [NewApplication]		X
Description:			
Parameters:			
Engine:	D2DemoEngine		•
	Create new		Change
Start-up:	Automatic		•
📝 Allow to intera	act with desktop		
Help		OK	Cancel

D es cri pti on	A brief description of application. Optional parameter.
Pa ra m et ers	It defines the start parameters. The detailed description is stated in the reference guide for D2000 System.
St ar t-	Defines the starting of the given application.

a is in the svs	stem or - crea	ate the new engine ("Create	new" button) The newly c			
lf this buttor	n is disabled	, the engine is already in the	e system. The user cannot	t change it in this	configuration	on tool.
New	engine		sg window.			
Na	ame:	sb12eng_NewApplicat	on			
Pa	arameters:					
Ty	ipe:	Standalone			•	
Ve	ersion:	Sybase 12			•	
St	art-up:	Automatic			•	
	Allow to in	teract with desktop				
Н	elp		OK	Car	icel	
I he narame	ters Name ((unique) and Parameters Vo	u have to specify the unio	we name of end	ine and the	narameters relate
I he parame its operation The start pa automatical	eters Name (ns. arameter of e ly. The engir	(unique) and Parameters Yo engine are entered in the tex ne name must be unique an	ou have to specify the uniq at box Parameters . If the b d explicit, otherwise an er	ue name of engi box is empty, d2 rror message oc	ne and the <i>install</i> adds curs.	parameters relate the default param
The parame its operation The start pa automatical	eters Name (ns. arameter of e ly. The engir D2000 on-lin	(unique) and Parameters Yo engine are entered in the tex ne name must be unique an e reference on the particula	ou have to specify the uniq at box Parameters . If the b d explicit, otherwise an er r page which describes th	ue name of engi box is empty, d2 rror message occ e creating of app	ine and the Rinstall adds curs.	parameters relate the default param the given platform
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The parame its operation The start pa automatical Opens the I oplication setting	eters Name (ns. arameter of e ly. The engir D2000 on-lin is for MSSQ n settings [(unique) and Parameters Yo engine are entered in the tex- ne name must be unique an le reference on the particula L platform NewApplication]	bu have to specify the uniq at box Parameters . If the to d explicit, otherwise an er r page which describes th	ue name of engi box is empty, <i>d</i> 2 rror message oc e creating of app	ine and the print adds curs.	parameters relate the default param the given platform
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The parame its operation The start pa automatical Opens the I pplication setting Descriptio	eters Name (ns. arameter of e ly. The engir D2000 on-lin ps for MSSQ n settings [n:	(unique) and Parameters Yo engine are entered in the tex- ne name must be unique an e reference on the particula L platform NewApplication]	bu have to specify the uniq at box Parameters . If the to d explicit, otherwise an er r page which describes th	ue name of engi box is empty, <i>d</i> 2 rror message occ e creating of app	ine and the paint of the paint	parameters relate the default param the given platform
The parame its operation The start pa automatical I Opens the I plication setting Descriptio Parameter	eters Name (ns. arameter of e ly. The engir D2000 on-lin is for MSSQ n settings [n: is:	(unique) and Parameters Yo engine are entered in the tex- ne name must be unique an e reference on the particula L platform NewApplication]	bu have to specify the uniq at box Parameters . If the to d explicit, otherwise an er r page which describes th	ue name of engi box is empty, <i>d2</i> rror message occ e creating of app	ine and the prinstall adds curs.	parameters relate the default param the given platform
The parame its operation The start pa automatical Opens the I pplication setting Application Descriptio Parameter Engine:	eters Name (ns. arameter of e ly. The engir D2000 on-lin is for MSSQ n settings [n: is:	[unique) and Parameters Yo engine are entered in the tex- ne name must be unique an e reference on the particula L platform [NewApplication]	bu have to specify the uniq at box Parameters . If the b d explicit, otherwise an er r page which describes th	ue name of engi pox is empty, <i>d</i> 2 rror message occ e creating of app	ine and the curs.	parameters relate the default param the given platform
The parameter its operation The start parautomatical automatical Opens the fill plication setting Description Parameter Engine: Start-up:	eters Name (ns. arameter of e ly. The engin D2000 on-lin ps for MSSQ n settings [n: rs:	(unique) and Parameters Yo engine are entered in the tex- ne name must be unique an e reference on the particula L platform [NewApplication] [MSDE\$SQLEXPRESS [Automatic]	bu have to specify the uniq at box Parameters . If the to d explicit, otherwise an er r page which describes th	ue name of engi pox is empty, d2 rror message occ e creating of app	ine and the prinstall adds curs.	parameters relate the default param the given platform
The parameter its operation The start parameter its operation The start parautomatical operation	eters Name (ns. arameter of e ly. The engin D2000 on-lin us for MSSQ n settings [n: n: rs: o interact w	(unique) and Parameters Yo engine are entered in the tex- ne name must be unique an e reference on the particula L platform NewApplication] MSDE\$SQLEXPRESS Automatic ith desktop	ou have to specify the uniq at box Parameters . If the to d explicit, otherwise an er r page which describes th	ue name of engi pox is empty, <i>d</i> 2 rror message occ e creating of app	ine and the prinstall adds curs.	parameters relate the default param the given platform
The parameter its operation The start parameter automatical Opens the Description Parameter Engine: Start-up:	eters Name (ns. arameter of e ly. The engin D2000 on-lin is for MSSQ n settings [n: is: o interact wi sa	(unique) and Parameters Yo engine are entered in the tex- ne name must be unique an e reference on the particula L platform [NewApplication] [MSDE\$SQLEXPRESS [Automatic] [th desktop]	ou have to specify the uniq at box Parameters . If the b d explicit, otherwise an er r page which describes th	ue name of engi pox is empty, dz rror message oc e creating of app	ine and the principal adds curs.	parameters relate the default param the given platform
The parameter its operation The start parameter automatical Opens the Deplication setting Description Parameter Engine: Start-up: Allow the Login: Password:	eters Name (ns. arameter of e ly. The engin D2000 on-lin is for MSSQ n settings [n: is: o interact w sa	[unique) and Parameters Yo engine are entered in the tex- ne name must be unique an e reference on the particula L platform [NewApplication] [MSDE\$SQLEXPRESS [Automatic] [th desktop]	nu have to specify the uniq at box Parameters . If the b d explicit, otherwise an er r page which describes th	ue name of engi pox is empty, <i>d</i> 2 rror message occ e creating of app	ine and the particular adds curs.	parameters relate the default param the given platform
The parame its operation The start pa automatical Opens the I plication setting Descriptio Parameter Engine: Start-up: V Allow the Login: Password:	eters Name (ns. arameter of e ly. The engin D2000 on-lin is for MSSQ n settings [n: rs: o interact wi sa	[unique) and Parameters Yo engine are entered in the tex- ne name must be unique an e reference on the particula L platform NewApplication] MSDE\$SQLEXPRESS Automatic ith desktop	to box Parameters . If the bd explicit, otherwise an err page which describes th	ue name of engi pox is empty, <i>d</i> 2 rror message occ e creating of app	ine and the prinstall adds curs.	parameters relate the default param the given 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.

	ngs [NewApplication]	
TNS:	D2000	
Login:		
Password:		
Description:		
Parameters:		
Start-up:	Manual	•
	TEND	
Temp table space Data file path:	с ТЕМР	
Temp table space Data file path: SysCfg start data	: TEMP	
Temp table space Data file path: SysCfg start data SysCfg data file s	: TEMP file size: 50M ze step:	
Temp table space Data file path: SysCfg start data SysCfg data file s	: TEMP file size: 50M ze step:	
Temp table space Data file path: SysCfg start data SysCfg data file s I Log file in syste LogFile start data	r: TEMP file size: 50M ze step: file size: 100M	
Temp table space Data file path: SysCfg start data SysCfg data file s SysCfg data file s Log file in syste LogFile start data LogFile data file s	r: TEMP file size: 50M ze step: file size: 100M ze step: 20M	

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		- 23
Archive settings		- a
Set the required parameters for the archive.		12
Name:		
SELF		
	Parameters	
Database platform:		
Sybase 💌		
	Back Next Fi	nish

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 s	ettings [SELF]	Image: State Sta
Engine:	D2DemoEngine	•
	Create new	Change
📃 Set a	is 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 e ngine for the application on Sybase platform.
Archive settings for MSSQL platform

Archive set	ttings [SELF]		EX
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: [New procession]	wApplication]
TNS: D200	0
Login:	
Password:	
Create only the c	onnection to the existing archive
Set as an instance	e of the shadow archive
Process:	SELF
Temp tablespace:	ТЕМР
Data file path:	
🔲 Archiv in SysCfg	
Data files count:	1
Start data file size:	1G
Data file size step:	1G
Max data file size:	326
Uniform extent size:	128K
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.

🇞 D2000 System Configuration Guide V10.00.036	23	
D2000 System management console (D2MC) settings		
Set basic settings for management console.		
Allow D2000 Management Console (D2MC) Enable automatic start for Management Console services.		
Back Next F	Finish	

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	23	
Connection to a server	- -	
Set up a connection to a server or a redundant group of D2000 System.		
Connect to a redundant group		
IP/computer name:		
localhost		
Back	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.

🇞 D2000 System Configuration Guide V10.00.036	23
Support programs for clients of D2000 System	_
Select and adjust support programs for running the client processes.	17
Install the HW keys support Installs the Sentinel Protection Installer, necessary for the proper functionality of HW keys.	
Back Next	Finish

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.

	System Config	guration Guide V11.02.057		\times
Creatin	ng the shortcuts f	or D2000 System clients		_
Se	Select the client, for which the shortcut should be created and their location.			
	Shortcut locatio	n:		
	🗹 Desktop			
	Start men	u		
	Eor all use	are		
	T			
	I o set the short	cut parameters, double-click on the j	particular client name.	
	Add shortcut	Client	Parameters	
	v	D2000 Application manager		
	v	D2000 CNF		
	✓	D2000 System Console		
	>	D2000 System Console D2000 HI		
	> > >	D2000 System Console D2000 HI D2000 GrEditor		
		D2000 System Console D2000 HI D2000 GrEditor D2000 Reference documentation		
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	> > > >	D2000 System Console D2000 HI D2000 GrEditor D2000 Reference documentation D2000 HI documentation	Back	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 se	ttings: D2000 HI	Х
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.

🏇 D2000 Sy	ystem Co	onfiguration Guide V10.00.036	23
D2000 S	iystem ren	note clients	- 2
Sele	ect and sel	t the remote clients of D2000 System.	185
	The remo For stand	te clients are the client processes that can be placed on the separate servers than D2000 Server. alone work on other servers, they require the separate services, which start and check them.	
	Check of the partic	f the "Install" checkbox to install the remote client. To show the detail configuration, double click on ular remote client.	
	Install	Client	
		D2000 Archiv - REMOTE	
		D2000 Kom - REMOTE	
		Back Next	Finish

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_EXEbin64\archiv.exe			
Parameters:	/Sd2000_server			
Start-up:	Manual			
🔽 Local system	m account			
🗖 Allow	to interact with desktop			
🔲 Login:				
Password:				
Name:	archiv WD			
Descript		5		
Start-up:	Automatic			
Inicialization:	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.

🎭 D2000 System Configuration Guide V10.00.036	83
You have successfully passed all the steps of D2000 System Configuration Guide. To install all the configured components, click the ''Finish'' button.	
Run the created application: NewApplication Save the configuration file: C:\D2000\D2000_V10.00.036_server\D2Install\d2install_output	
Back	n

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