MetaTrader Data Center Installation

Introduction

One of the innovative technologies of MetaQuotes Software Corp. is a special proxy-server for client terminals named **MetaTrader Data Center**. This program allows to reduce incoming traffic in places like dealing rooms, etc. where this traffic is heavy. This also prevents overloading of the server.

MetaTrader Data Center works as an additional service of the system. It is resource-saving and does not require administrator rights on the installed computer. This component is available free of charge with unrestricted use by all users.

Installation

Follow the step-by-step guide to the MetaTrader Data Center installation process, please. **Note:** Do not install MetaTrader Data Center on the same computer where MetaTrader Server has been installed, please! This would cause problems during installation and working of both components.

Step 1 of the installation process: you will see the invitation window. Please, close all other programs and press "Next" button.

🖟 MetaTrader Data Center 4.00 setup 🛛 🛛 🕅
MetaTrader 4 Data Center
Welcome to the MetaTrader Data Center Setup program.
This program will install MetaTrader Data Center on your computer.
It is strongly recommended that you exit all Windows programs before running this Setup program. Click Cancel to quit Setup and close any programs you have running. Click Next to continue with the Setup program.
Notice: this program is protected by copyright law and international treaties. Unauthorized reproduction or distribution of this program, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under law.
Copyright © 2001-2005, MetaQuotes Software Corp.
Далее > Отмена

Step 2: Read the License Agreement, please. Should you consent tick checkbox "Yes, I agree with all terms of this license agreement", please.

MetaTrader Data Center 4.00 setup	(
MetaTrader 4	
Please closely read the following license agreement. Do you accept all the terms of the following license agreement?	
END USER LICENSE AGREEMENT	^
MetaQuotes Software Corporation makes no warranty or representation, either express or implied,with respect to this software, the hardware, or documentation, including their quality,performance, merchantability, or fitness for a particular purpose.	III
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Yes, I agree with all the terms of this license agreement	
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Step 3: Specify the installation path and programming group in "Start" menu. It is also necessary to name and describe a service name under which the MetaTrader data Center will be run.

🖥 MetaTrader Data	Center 4.00 setup	X
MetaTrac Data Co	ler 4	Ŕ
Select the destination Center. To install to a	folder and program group where you want to install Me different location, click Browse, and select another fold	etaTrader Data der.
Installation folder:	C:\Program Files\MetaTrader Data Center	Browse
Program group:	MetaTrader Data Center	
MetaTrader Data Cer unique service name Service name: Description:	ter runs as NT service automatically when the compute and description. mtdcsrv MetaTrader Data Center	er boots. Select the
	(<u>Н</u> азад Далее	> Отмена

The system service name must be unique, otherwise further installation will be impossible.

📇 Управление компьютером			
📃 Консоль Действие Вид Окно	о <u>С</u> правка		
 Управление компьютером (локаль Управление компьютером (локаль Служебные программы Просмотр событий Общие папки Общие папки Локальные пользователи и Журналы и оповещения пр Диспетчер устройства Запоминающие устройства Съемные ЗУ Дефрагментация диска Управление дисками Службы Управляющий элемент WM Служба индексирования 	Имя A DHCP-Клиент DNS-Клиент Intel NCS NetService Intel(R) Active Monitor MetaTrader Data Center MetaTrader Data Center (Ло Общие Вход в систему Восн Имя службы: mtdcsrv Выводимое имя: MetaTrader Плисание:	Описание Состояние Управляе Работает Разрешае Работает Окальный компьютер) - С становление Зависимости Data Center	Тип запуска Авто Авто Вручную Авто Св ? Х
	Исполняемый файл: ["C:\Program Files\MetaTrader D]ип запуска: Авто Состояние: Остановлен <u>Пуск</u> <u>Стоп</u>)ata Center\mtdcsrv.exe" /start Ia	№ до <u>л</u> жить
	Можно указать параметры за службы из этого диалога. Параметры <u>з</u> апуска:	эпуска, применяемые при зап ОК Отмена	јске

In the case of repeated installation of the proxy-server, it will be necessary to specify a new system service name and the installation path on which the component has not been installed at the previous installation, and also the name of the program group in "Start" menu.

The description of service is for your information only and can be set at will. An example of use of this service would be viewing of the services list on the control panel.

Be sure, please, that all parameters are correct before pressing "Next" button. At this point, the final installation of MetaTrader Data Center will be executed.



Configuration

After successful installation it is necessary to adjust MetaTrader Data Center parameters.

💕 MetaTrader Data Cent	er Settings			
	Service: Current status: Server address: Parent server:	mtdcsrv Stopped any demo.metaquotes.net	:443	Start Port: 443 Proxy
MetaTrader 4 MetaTrader Data Center	Login:		Password: use read-only	(investor) password
Version: 4.00 Build 156	Access list:	From	То	
(Feb 19 2005)	<u>A</u> dd <u>E</u> dit <u>D</u> elete	⊠ 0.0.0.0 ☑ 192.168.0.1	255.255. 192.168.	255.255 0.255
	Copyright © 2001-2005	, MetaQuotes Software	Corp.	Close

MetaTrader is a property of MetaQuotes Software Corp. http://www.metaquotes.net/terminal

Firstly, specify parameter "Server address" containing "any" value or one of your own IP-addresses, please. Operating this parameter it is possible to achieve binding service to the certain IP-address. Port number is recommended to be left by default.

The "Parent server address" parameter defines the MetaTrader Server IP-address to which Data Center will be connected for receiving quotations and the historical data. Besides defining MetaTrader Server IP-address, it is necessary to set port of connection. For example, "demo.metaquotes.ru:443". Add your Data Center in "Data Servers" list on the main server to allow the public access to this Data Center.

Note: Do not specify in "Data Servers" option of the main server IP-addresses the public proxies from a range of internal local area networks (for example, 192.168.x.x or "localhost"). It will cause errors if client terminals try to connect to the server at the same time as the client terminals are located outside of the local area network.

To connect MetaTrader Data Center to a main server, it is necessary to specify the authorizations data: "Login" and "Password". These parameters correspond with an already existing account on the main MetaTrader Server. You can specify the parameters of both real and demo accounts, depending on the quotations necessary for the group of users working through the proxy server, as they may differ a little.

Note: Use read-only (investor) password by setting "Password" account parameter, please. Using investor password you allow access to the account in "only for reading" mode, thus providing a necessary level of safety. Also, if the used account relates to an Advanced Security account group, MetaTrader Data Center can not be authorized on the main server correctly.

Note: Defining parameters of demo-account, remember that all demo-accounts have limited validity after expiring of which they will be deleted automatically.

MetaTrader Data Center can be connected through three types of proxy: SOCKS4, SOCKS5 and HTTP. To define proxy settings, it is necessary to press the button " Proxy...". It is necessary to specify the IP-address of proxy, type of proxy, and, if necessary, the authorizations data in the dialog window i.

Proxy				×
Server:	192.168.0.1		HTTP	~
Login:	worker	Password:	•••••	••
	ОК	Cancel		

Control over connections can be performed by "Access list". This list allows the specification of access rights connection to MetaTrader Data Center. It is possible to permit or deny access to proxy-server from a single IP-address or from a range of IP-addresses. You can edit the access list using buttons "Add" (insert a new rule), "Delete" (remove a rule) and "Edit" (edit a rule).

On completion of this adjustment, use "Start" button to resume service of MetaTrader Data Center. The service status information is displayed in "Current status" field.

The configuration process is now complete. Press "Close" button. You can reopen this configuration window via "MetaTrader Data Center" shortcut.

Note: Restart MetaTrader Data Center by "Stop/Start" button to apply new changes for proxy-server.

Note: MetaTrader Data Center can work in relay mode whereby the proxy provides a direct link between client terminals and the main server. However, such operating mode is possible only if MetaTrader Data Center IP-address is specified in the public data centers list on the main server.

Using 443 (HTTPS) port

We strongly recommend using 443 port as a port for MetaTrader Data Center. Local networks frequently forbid any connections differing from standard. Working via the standard port 443 which is most likely opened for HTTPS (SSL) protocol, allows MetaTrader Data Center information to pass freely through corporate proxy-servers.

Note: If the MetaTrader Data Center is installed on IIS (Internet Information Services)system, problems may occur during installation of the MetaTrader Data Center via port 443, because IIS opens port 443 for HTTPS protocol by default. That is why we recommend to remove IIS from the system on which MetaTrader Data Center should be installed. To remove IIS, follow the steps:

Open "Control panel" for example via "Start" menu. Start tool "Add/Remove Programs" in open window.



In the window opened on the left panel select "Windows Setup" and the Windows Components Wizard window will open. Clear the checkbox on "Internet Information Services" in the components list and press the "Next" button. Then follow Components Wizards prompts.

👸 Установка и	и удаление программ	X
изменение или Ударение	Установленные программы: Показать обновления Сортировка: Имя Масте р компонентов Windows	>
программ	Компоненты Windows Вы можете добавить или удалить компоненты Windows XP.	
<u>У</u> становка программ	Чтобы добавить или удалить компонент, установите или снимите Флажок. Затененный Флажок означает частичную установку компонента. Выяснить его 5 состав позволяет кнопка "Состав". Компоненты: 5	
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программ по умолчанию	а Пребуется на диске: 54.5 МБ <u>Состав</u> Свободно на диске: 27308.7 МБ <u>Состав</u> 5	
	к <u>Н</u> азад Далее > Отмена 5 ученаюе ээтогоро ремае Размер 0.02мб	>

Uninstall

To uninstall MetaTrader Data Center proxy-server, start "MetaTrader Data Center Uninstall" shortcut in corresponding program group of "Start" menu.

🐻 MetaTrader Data	Center 4.00 uninstall 🛛 🔀
MetaTrac Data C	der 4
Are you sure you war components from you	it to completely remove the MetaTrader Data Center and all its r computer?
Installation folder:	C:\Program Files\MetaTrader Data Center
Program group:	MetaTrader Data Center
Service name:	mtdcsrv
Description:	MetaTrader Data Center
To confirm the remov	al process press Next button.
	Далее > Отмена

Before uninstalling, be sure that you have selected MetaTrader Data Center correctly. The information about removing component can be found on Uninstall Wizard start page: "Installation folder", "Service name", "Description".

Pressing the "Next" button will forward you to the final step. You will receive a message window that the uninstalling process requires restarting the computer. Press the "Finish" button and restart the computer.

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