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sirona
The Dental Company

Sirona Server

Operator's manual

English



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Table of contents

1 Function of the software 4
2 System requirements 5
3 SIRONA Registry Server 6
3.1 Installing SIRONA Registry Server 6
3.2 Necessary steps following the installation 6
3.3 Uninstalling SIRONA Registry Server 7
3.4 Configuring Sirona Registry Server via web frontend 7
3.4.1 Launching web frontend 7
3.4.2 Function group "Registry" 8
3.4.2.1 Display registered acquisition units 8
3.4.2.2 Displaying log information of Sirona Registry Server 8
3.4.3 "System" function group 8
3.4.3.1 Configuration 8
3.4.3.2 Displaying system information 9
3.4.3.3 Displaying software components and versions 9
3.4.3.4 Displaying system log information 9
4 SIRONA Launcher 10
4.1 Installing SIRONA Launcher 10
4.2 Necessary steps following the installation 10
4.3 Uninstalling SIRONA Launcher 11
4.4 Configuring Sirona Launcher via web frontend 11
4.4.1 Launching web frontend 11
4.4.2 "Launcher" function group 11
4.4.2.1 Displaying supported applications 11
4.4.2.2 Displaying log information of Sirona Launcher 11
4.4.3 "System" function group 12
4.4.3.1 Configuration 12
4.4.3.2 Displaying system information 12
4.4.3.3 Displaying software components and versions 13
4.4.3.4 Displaying system log information 13
4.4.4 "Server" function group 13
4.4.4.1 Edit server settings 13
4.4.4.2 Displaying the status of the server 13
4.4.4.3 Displaying the log information of the server 13

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5 RequestScan for Dolphin 3D 14
5.1 Installing RequestScan for Dolphin 3D 14
5.2 Uninstalling RequestScan for Dolphin 3D 14

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1 Function of the software

"Sirona Server" is a network-based software solution designed to increase connectivity of Sirona products, for example CEREC intraoral scanners, in the dental practice. The individual modules interact to help transmit patient and case data securely in the network.

"Sirona Server" is a central component which acts as a communication hub. *"Sirona Server"* includes security services as well as the *"Sirona Registry Server"*, which administers a list of devices and services available in the network. *"Sirona Launcher"* is installed on Sirona PCs in order to allow communication partners to remotely launch software.

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2 System requirements

The following operating systems are supported:

- for single-user installation: Windows Vista SP2 or higher Windows version
- for server installation: Windows Server 2008 SP2 or higher Windows Server version

further software requirements:

- .NET 4.5.1 or higher

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3 SIRONA Registry Server

IMPORTANT

Install *"Sirona Registry Server"* on the server of your practice.

3.1 Installing SIRONA Registry Server

NOTICE

Installation only with administrator rights

You must have administrator rights on the PC on which you want to install the software!

✓ The device is powered up and all programs are terminated.

1. Insert the storage medium in the drive.
2. Run the *"Sirona Registry Server Installer.exe"* file from the root directory of the storage medium.
   ↳ The installation wizard opens.
3. Click on the *"Install"* button.
   ↳ The installation wizzard checks if all corresponding programs are installed. If a corresponding program is missing, it is installed automatically.
   ↳ Hereafter the license agreement is displayed.
4. Read through the license agreement carefully.
5. If you accept the license agreement, activate the *"I accept the terms in the license agreement"* option button and click the *"Install"* button.
   ↳ The installation routine continues.
6. To launch Sirona Registry Server immediately after the installation, activate the *"Launch Sirona Server"* option button.
7. Click on the *"Finish"* button.
8. Click the *"Close"* button once installation is complete.
   ↳ Sirona Registry Server is displayed in the task bar.

↳ Sirona Registry Server is installed.

3.2 Necessary steps following the installation

Checking netsh entry

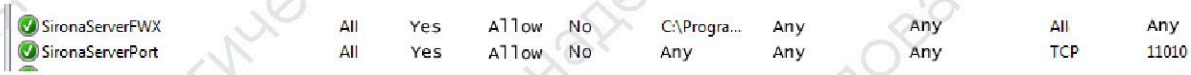
1. Click *"start"* in the task bar and enter the command *"cmd"*.
2. Confirm with the *"Enter"* key.
   ↳ DOS command shell opens.
3. Enter the command *"netsh http show urlacl"* and confirm with the *"Enter"* key.
4. The following message must appear:

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Checking rules in Windows Firewall

1. Start Windows Firewall via *"start"* > *"Control Panel"* > *"System and Security"* > *"Windows Firewall"*.
2. Select *"Advanced Settings"* > *"Inbound Rules"*.
3. Following rules must exist:



3.3 Uninstalling SIRONA Registry Server

1. Select *"start"* > *"Control panel"* > *"Programs"* > *"Uninstall a program"*.
2. Double-click *"Sirona Registry Server"*.
3. In the appearing dialog, click on the *"Uninstall"* button.

↳ The software is uninstalled.

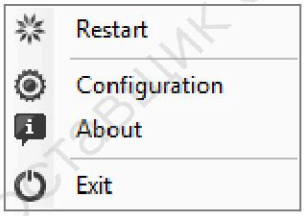
IMPORTANT

The folder *"C:\ProgramData\Sirona Dental Systems\SironaServer"* is not deleted.

The folders inside are used for troubleshooting.

3.4 Configuring Sirona Registry Server via web frontend

3.4.1 Launching web frontend



➢ Click on the Sirona Registry Server symbol in the task bar and select the entry *"Configuration"* in the appearing menu.

↳ The web frontend starts.

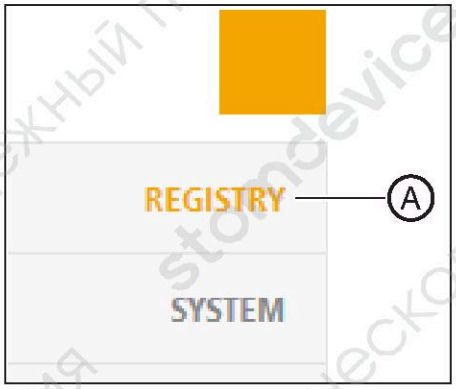
➢ Log in by entering your login details to the login window.

- User name: admin
- Password: s1rona

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3.4.2 Function group "Registry"



➢ Click on the *"Registry"* button (A) at the left side of the screen to open the Registry function group.

3.4.2.1 Display registered acquisition units

➢ Select the *"Configuration"* tab.

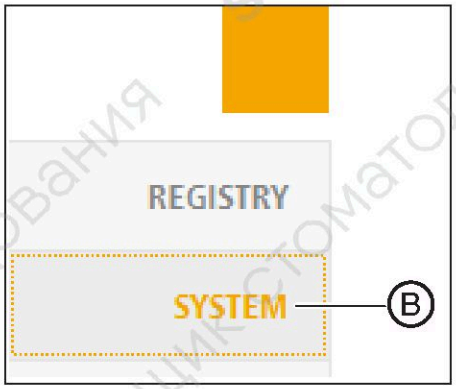
↳ All registered acquisition units are displayed.

3.4.2.2 Displaying log information of Sirona Registry Server

➢ Select the *"Log"* tab.

↳ The log information is displayed.

3.4.3 "System" function group



➢ Click on the *"System"* button (B) at the lleft side of the screen to open the System function group.

3.4.3.1 Configuration

Defining the port for the network card (when more than one network cards are used)

1. Select the *"Configuration"* tab.
2. Click on the *"Edit Network Settings"* button.
3. Select the IP address of the corresponding network card in the *"IP"* menu.
4. Enter the desired port in the *"Port"* text box.
5. Confirm your entry with the *"Save"* button.

IMPORTANT
The software restarts after the settings were changed.

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Changing IP address and port for Autodiscover

1. Select the *"Configuration"* tab.
2. Click on the *"Edit Discovery Settings"* button.
3. Enter the IP address in the *"IP"* field.
4. Select the desired port in the *"Port"* menu.
5. Confirm your entry with the *"Save"* button.

IMPORTANT
The software restarts after the settings were changed.

3.4.3.2 Displaying system information

➢ Select the *"Information"* tab.

↳ Information about operating system, hardware and .NET Framework are displayed.

3.4.3.3 Displaying software components and versions

➢ Select the *"Components"* tab.

↳ The installed software components and versions are displayed.

3.4.3.4 Displaying system log information

➢ Select the *"Log"* tab.

↳ The log information is displayed.

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4 SIRONA Launcher

IMPORTANT
Install *"Sirona Launcher"* on your acquisition unit.

4.1 Installing SIRONA Launcher

NOTICE
Installation only with administrator rights You must have administrator rights on the PC on which you want to install the software!

✓ The unit is powered up and all programs are terminated.

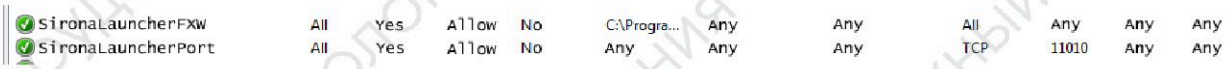
1. Insert the storage medium in the drive of the acquisition unit.
2. Run the *"Sirona Launcher Installer.exe"* file from the root directory of the storage medium.
   ↳ The installation wizard opens.
3. Click on the *"Install"* button.
   ↳ The installation wizzard checks if all corresponding programs are installed. If a corresponding program is missing, it is installed automatically.
   ↳ Hereafter the license agreement is displayed.
4. Read through the license agreement carefully.
5. If you accept the license agreement, activate the *"I accept the terms in the license agreement"* option button and click the *"Install"* button.
   ↳ The installation routine continues.
6. To launch Sirona Launcher immediately after the installation, activate the *"Launch Sirona Launcher"* option button.
7. Click on the *"Finish"* button.
8. Click the *"Close"* button once installation is complete.
   ↳ Sirona Launcher is displayed in the task bar.

↳ Sirona Launcher is installed.

4.2 Necessary steps following the installation

Checking rules in Windows Firewall

1. Start Windows Firewall via *"start"* > *"Control Panel"* > *"System and Security"* > *"Windows Firewall"*.
2. Select *"Advanced Settings"* > *"Inbound Rules"*.
3. Following rules must exist:



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4.3 Uninstalling SIRONA Launcher

1. Select *"start"* > *"Control panel"* > *"Programs"* > *"Uninstall a program"*.
2. Double-click *"Sirona Launcher"*.
3. In the appearing dialog, click on the *"Uninstall"* button.

↳ The software is uninstalled.

IMPORTANT
The folder *"C:\ProgramData\Sirona Dental Systems\SironaLauncher"* is not deleted. The folders inside are used for troubleshooting.

4.4 Configuring Sirona Launcher via web frontend

4.4.1 Launching web frontend



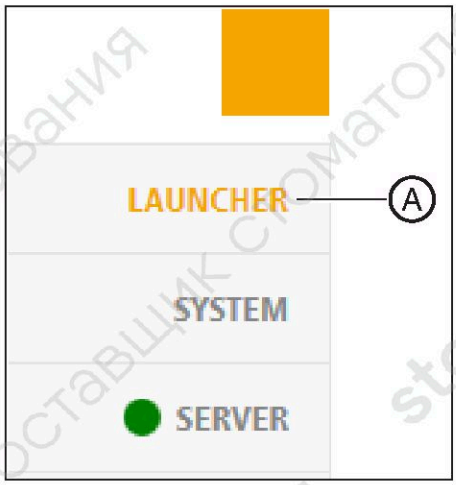
➢ Click on the *"Sirona Launcher"* symbol in the task bar and select the *"Configuration"* entry in the appearing menu.

↳ The web frontend starts.

➢ Log in by entering your login details to the login window.

- User name: admin
- Password: s1rona

4.4.2 "Launcher" function group



➢ To start the Launcher function group, click on the *"Launcher"* button (A) at the left side of the screen.

4.4.2.1 Displaying supported applications

➢ Select the *"Configuration"* tab.

↳ All supported applications are displayed.

4.4.2.2 Displaying log information of Sirona Launcher

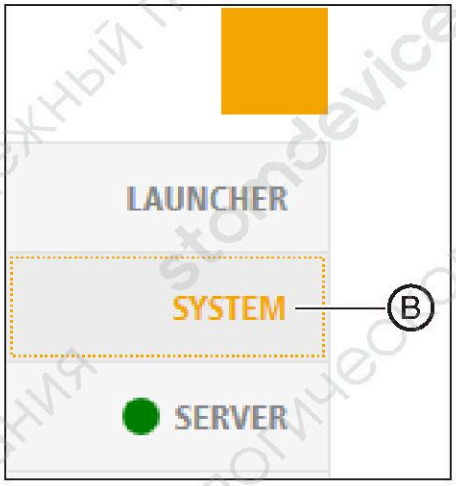
➢ Select the *"Log"* tab.

↳ The log information is displayed.

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4.4.3 "System" function group



➢ To start the System function group, click on the *"System"* button (B) on the left side of the screen.

4.4.3.1 Configuration

1. Select the *"Configuration"* tab.
2. Click on the *"Edit Display Name"* button.
3. Enter the desired name for the acquisition unit in the *"Display Name"* field.

Defining the port for the network card (when more than one network cards are used)

1. Select the *"Configuration"* tab.
2. Click on the *"Edit Network Settings"* button.
3. Select the IP address of the corresponding network card in the *"IP"* menu.
4. Enter the desired port in the *"Port"* text box.
5. Confirm your entry with the *"Save"* button.

IMPORTANT
The software restarts after the settings were changed.

Changing IP address and port for Autodiscover

1. Select the *"Configuration"* tab.
2. Click on the *"Edit Discovery Settings"* button.
3. Enter the IP address in the *"IP"* field.
4. Select the desired port in the *"Port"* menu.
5. Confirm your entry with the *"Save"* button.

IMPORTANT
The software restarts after the settings were changed.

4.4.3.2 Displaying system information

➢ Select the *"Information"* tab.

↳ Information about operating system, hardware and .NET Framework are displayed.

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4.4.3.3 Displaying software components and versions

➢ Select the *"Components"* tab.

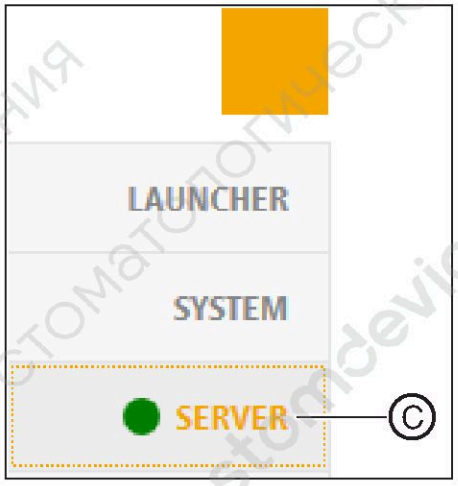
↳ The installed software components and versions are displayed.

4.4.3.4 Displaying system log information

➢ Select the *"Log"* tab.

↳ The log information is displayed.

4.4.4 "Server" function group



➢ To open the Server function group, click the *"Server"* button (C) at the left side of the screen.

4.4.4.1 Edit server settings

1. Select the *"Configuration"* tab.
2. The server settings are changed via the *"Edit Network Settings"* button and *"Go to Server"* button.

4.4.4.2 Displaying the status of the server

➢ Select the *"Status"* tab.

↳ The status of the server is displayed.

4.4.4.3 Displaying the log information of the server

➢ Select the *"Log"* tab.

↳ The log information is displayed.

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5 RequestScan for Dolphin 3D

IMPORTANT

Install *"RequestScan"* on the server on which the *"Sirona Registry Server"* software is installed.

5.1 Installing RequestScan for Dolphin 3D

NOTICE

Installation only with administrator rights

You must have administrator rights on the PC on which you want to install the software!

✓ The PC is powered up and all programs are terminated.

1. Insert the storage medium in the drive.
2. Run the *"RequestScan Installer.exe"* file from the root directory of the storage medium.
   ↳ The installation wizard opens.
3. Click on the *"Install"* button.
   ↳ The software is then installed.
4. Click the *"Close"* button once installation is complete.

↳ RequestScan for Dolphin 3D is installed.

5.2 Uninstalling RequestScan for Dolphin 3D

1. Select *"start"* > *"Control panel"* > *"Programs"* > *"Uninstall a program"*.
2. Double-click *"RequestScan"*.
3. In the appearing dialog, click on the *"Uninstall"* button.

↳ The software is uninstalled.

IMPORTANT

The folder *"C:\ProgramData\Sirona Dental Systems\RequestScan"* is not deleted.

The folders inside are used for troubleshooting.

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We reserve the right to make any alterations which may be required due to technical improvements.

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