medDream™
by Softneta Company

HTML 5 ZERO-FOOTPRINT DICOM VIEWER

QUICK START GUIDE

Windows x64 Standard DB Integration on MySQL
Document version 4.00

This guide describes the basics of installing and configuring web-based DICOM Viewer for PACS server. More information is provided in the full Install Manual, download its latest version: **Install Manual**.

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ABOUT SOFTWARE

This guide describes MedDream DICOM Viewer deployment on Windows x64. It uses standard database integration on MySQL and can be integrated into any PACS archive, HIS/RIS/EHR/EMR, Telemedicine, Patient Portals, National Systems, CAD and AI algorithms. MedDream Universal Enterprise Viewer can be installed on premises, in any virtual environment or on cloud.

MedDream is designed to aid medical professionals in day-to-day decision-making process. MedDream is a cost effective certified solution perfect for software vendors, integrators, OEM's and national system providers.

PREREQUISITES

✓ Check User Manual section: "MedDream viewing functionalities minimal hardware requirements".

✓ **Microsoft Visual C++ 2013 Redistributable Package (x64)** is installed (you need it for MySQL database installation). If it is not installed, you can download it here: https://www.microsoft.com/en-us/download/details.aspx?id=40784

✓ **MySQL database** is installed. If MySQL is not installed on the server, you can download it here: https://dev.mysql.com/get/Downloads/MySQLInstaller/mysql-installer-community-5.7.29.0.msi **or**

https://dev.mysql.com/get/Downloads/MySQLInstaller/mysql-installer-community-8.0.25.0.msi

During installation it is enough to select MySQL server. During the MySQL server configuration remember the port and root password.
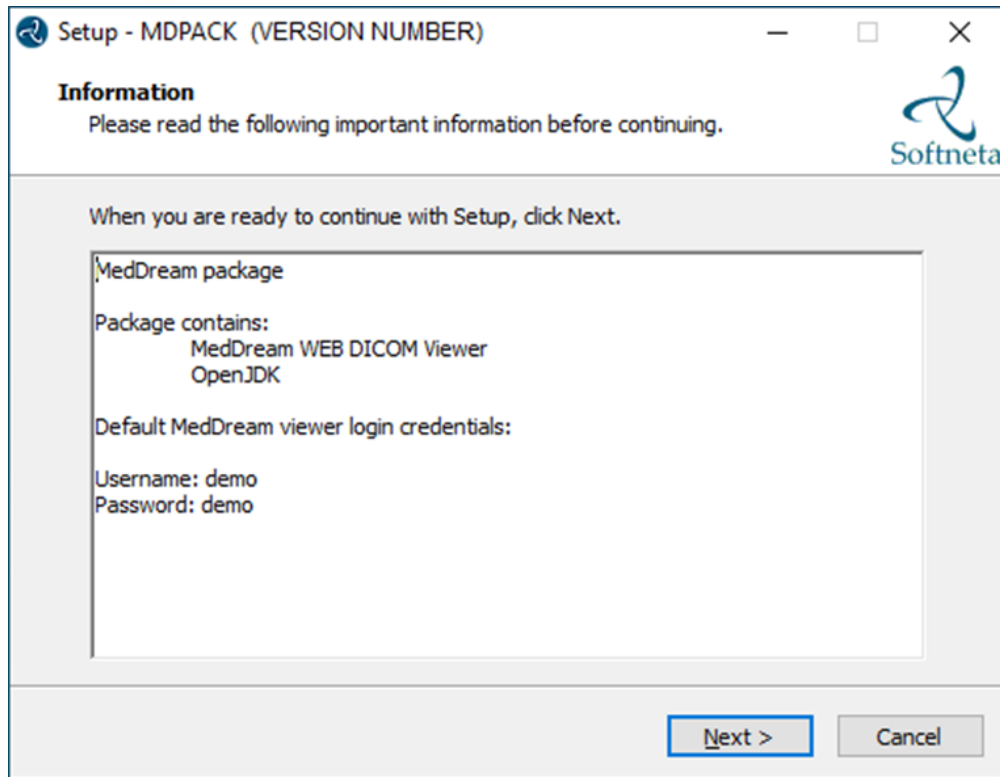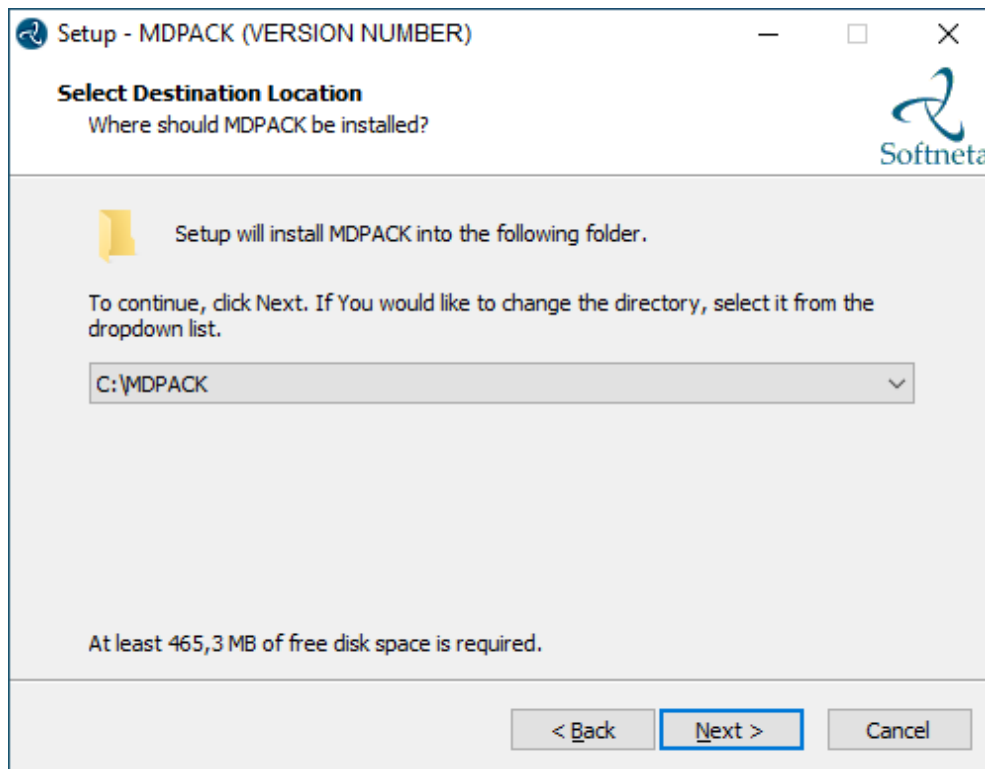
INSTALLATION FOR THE FIRST TIME

1 **Install MedDream DICOM Viewer:**

- **Download** the latest Windows version of MedDream from the Softneta website: https://www.softneta.com/files/meddreamviewer/NEWEST/MedDream-DICOM-Viewer-Setup.exe
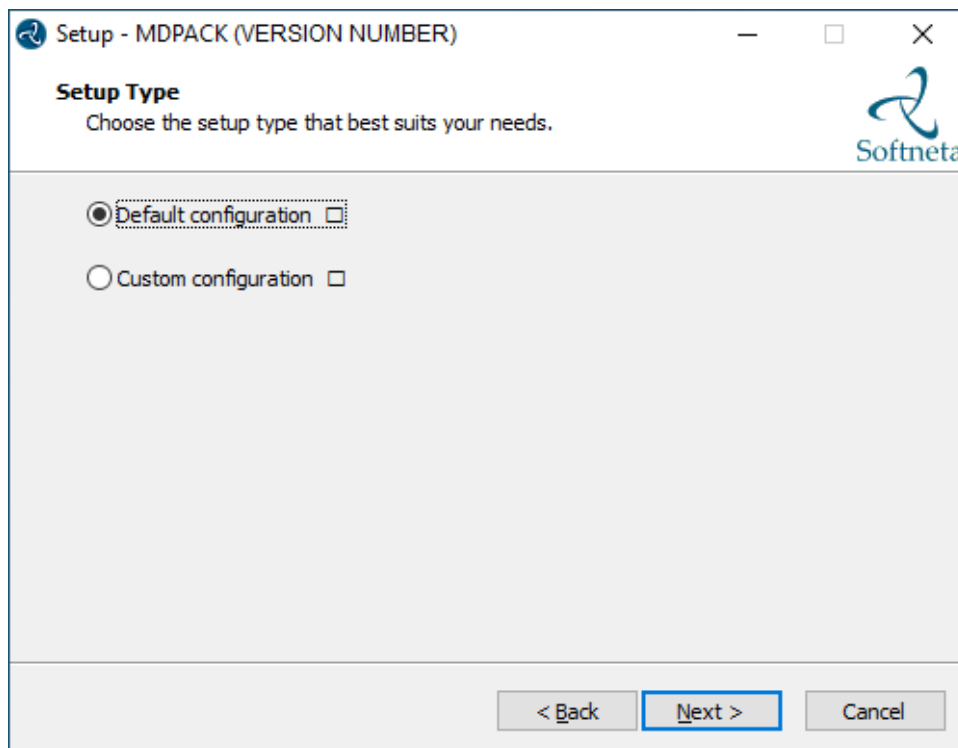- **MedDream-DICOM-Viewer-Setup.exe.**

- **Remember** default MedDream Viewer **login credentials** and click **Next >** button:
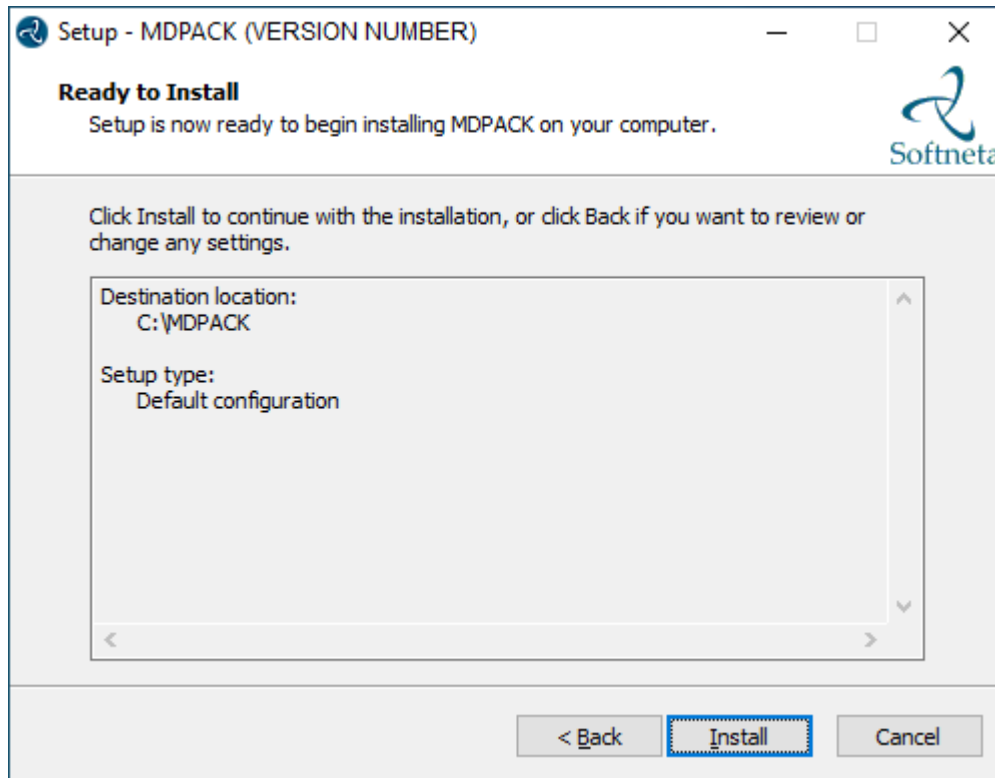

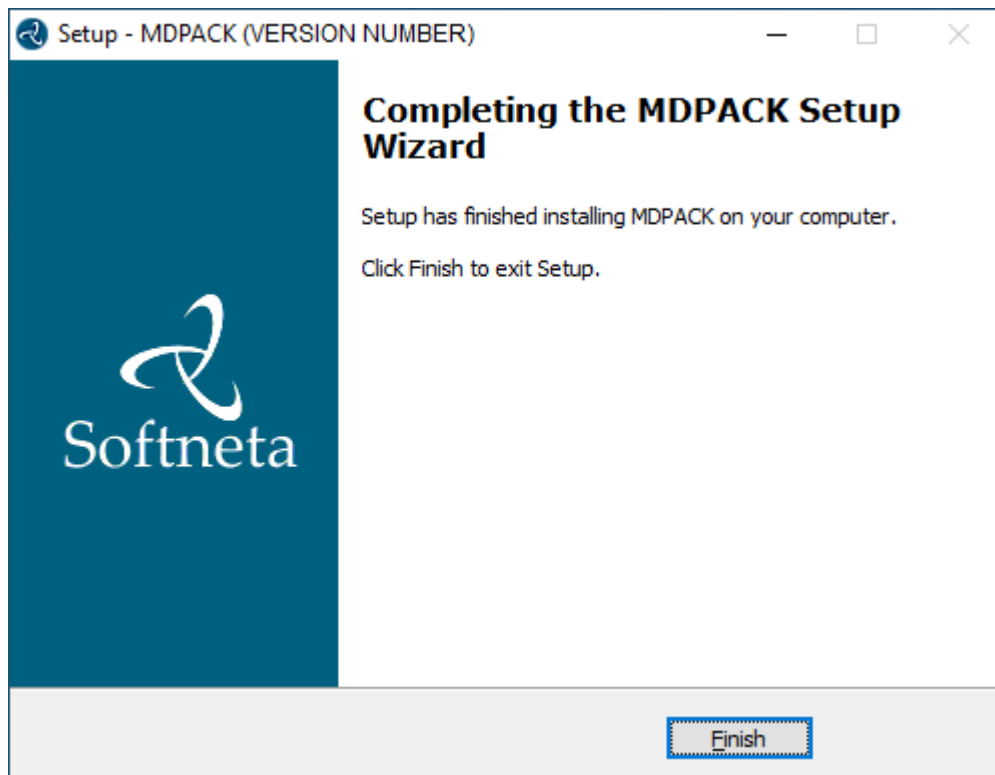- Choose **C:\MDPACK** and click **Next >** button:

- Choose **Default installation** and click **Next >** button:
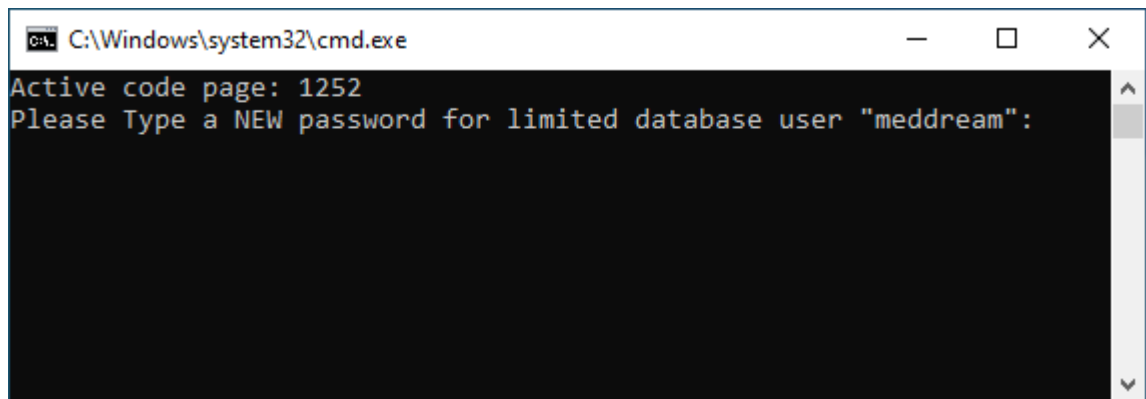

- Click **Install** button:

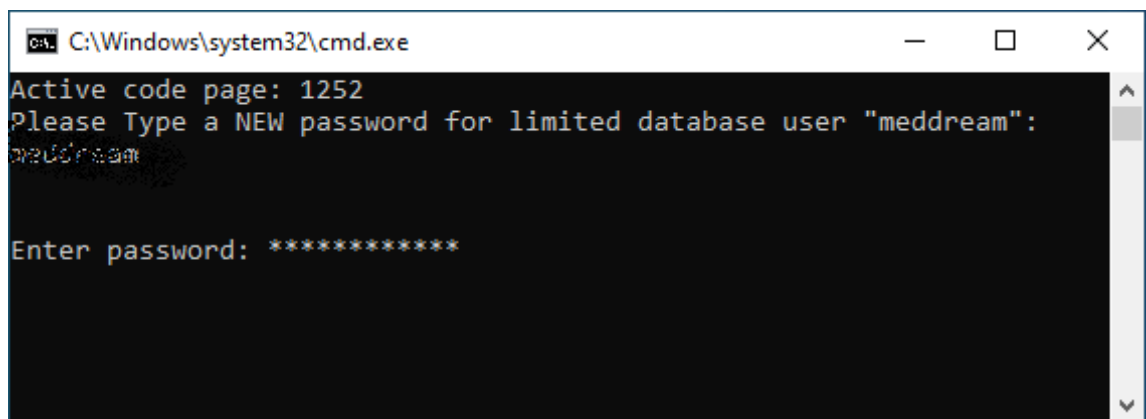- Well done, you have completed the installation. Click **Finish** button.
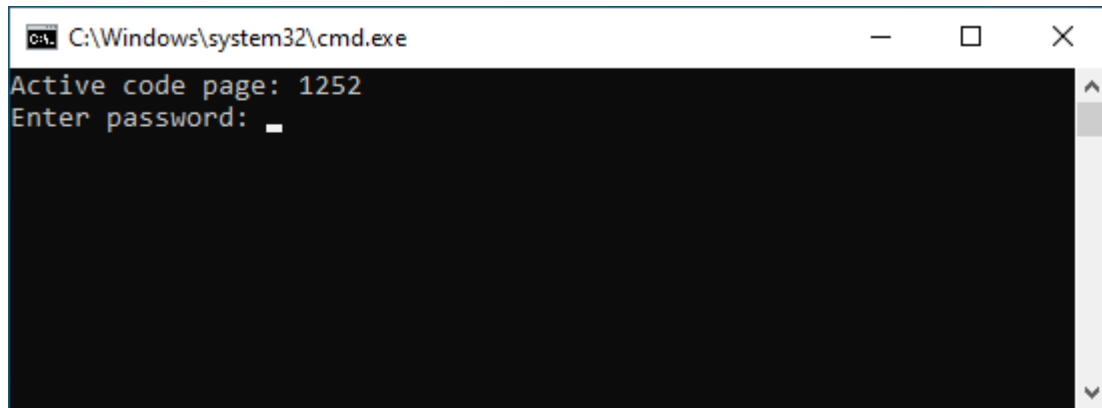
2 **Install MedDream database:**

- **Download** scripts: https://www.softneta.com/files/meddreamviewer/DB/MedDreamViewer-DB-MySQL.zip
- **Unzip** the package MedDreamViewer-DB-MySQL.zip to **C:\MDPACK\MedDreamViewer-DB-MySQL**
- **Install** MedDream database to MySQL by executing C:\MDPACK\MedDreamViewer-DB-MySQL\MySQL-DB\meddream-db-create.bat:

```
C:\Windows\system32\cmd.exe                          —    □    ×

Active code page: 1252
Please Type a NEW password for limited database user "meddream":
```

- **Type** your password and press **<Enter>**. This is a new password for the user "meddream". **Remember** it.
- After that you will be asked to enter the current password for the user "root" (unless you installed MySQL with the shared memory or named pipes options where the client logs in automatically). **Type** root user password of **MySQL database** and press **<Enter>**:

```
C:\Windows\system32\cmd.exe                          —    □    ×

Active code page: 1252
Please Type a NEW password for limited database user "meddream":
meddream


Enter password: *************
```

- Insert test data to MedDream database by executing C:\MDPACK\MedDreamViewer-DB-MySQL\MySQL-DB\meddream-db-insert.bat:

- You will be asked to enter the password for the user "root". **Type** it and press **<Enter>.**

CONFIGURATION

1   **Copy** and **replace** C:\MDPACK\MedDreamViewer-DB-MySQL\MDPACK folder to C:\MDPACK.
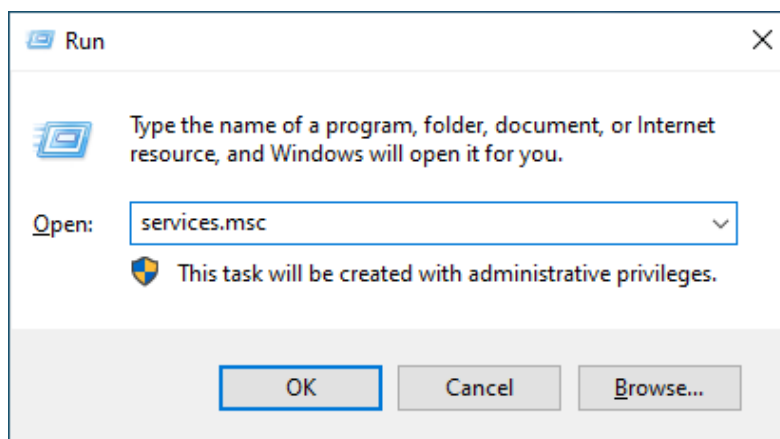
2   **Change the basic MedDream Viewer settings for the first launch.**

- **Open** C:\MDPACK\MedDream\application.properties file and **write** database user "meddream" password after "=" (you created this password during MedDream database installation): `com.softneta.meddream.pacs.configurations[0].password={Password}`
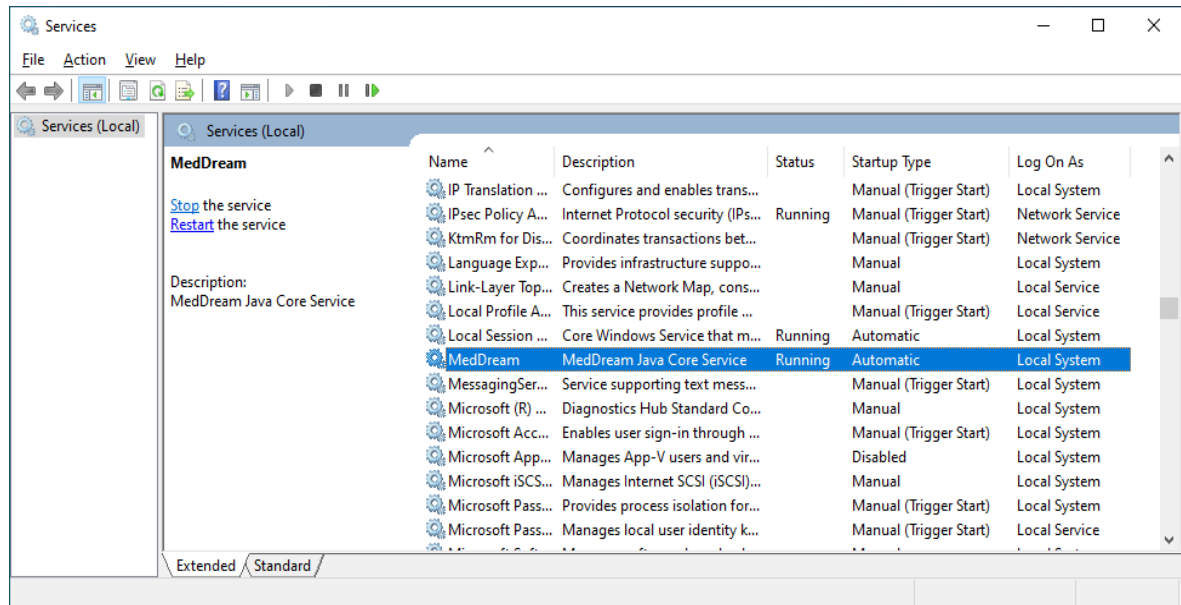- **Save** the file.

3   **Restart MedDream service.** After making any changes to the application.properties file, the MedDream service must be restarted.

- **Open** Windows **Services** by pressing **<Win⊞ > + R** and **type** services.msc. Click **<OK>** button:
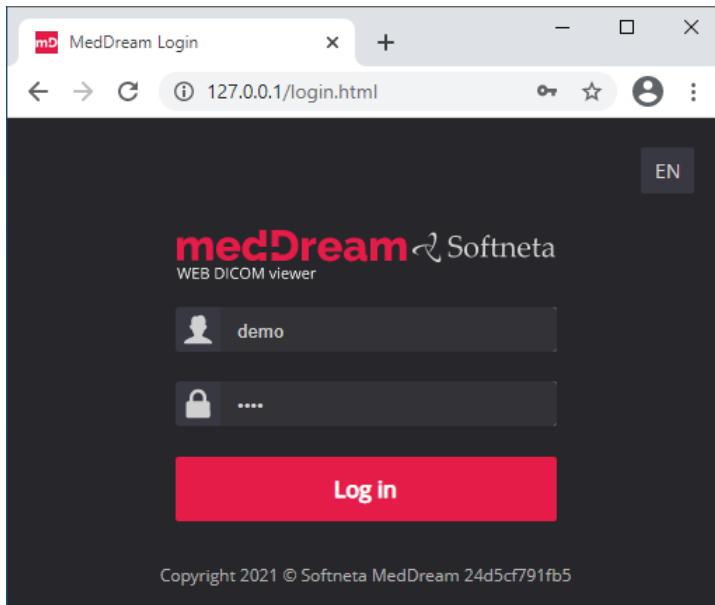

- **Find** the **MedDream** service and **restart** it:

NOTE: In the C:\MDPACK\MedDream\ApTemplates you can find examples of MedDream Viewer configurations with explanations. All MedDream settings are stored in the application.SAMPLE.properties file.
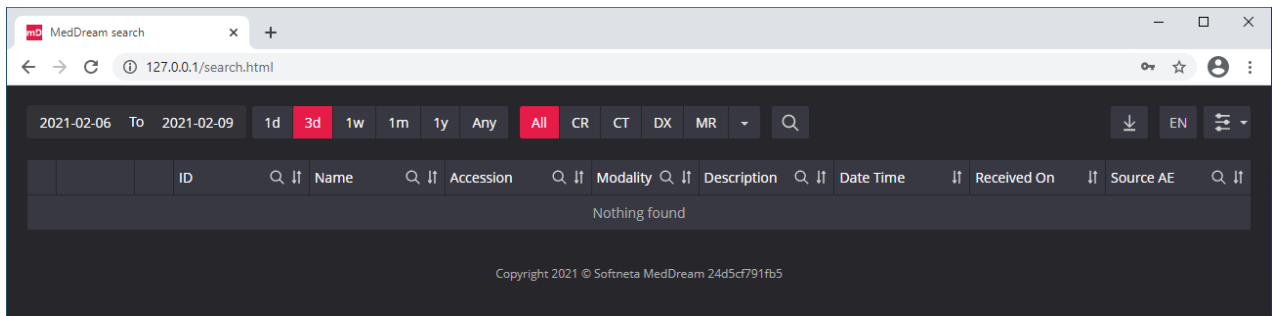
VERIFICATION

1 Open a browser and enter the MedDream URL http://127.0.0.1/ in the address bar.

2 In the login window, enter the username **demo** and password **demo**. Press **Log in** button:

TIP: If you can't connect, restart Windows services (run in cmd line: services.msc and restart MedDream service).
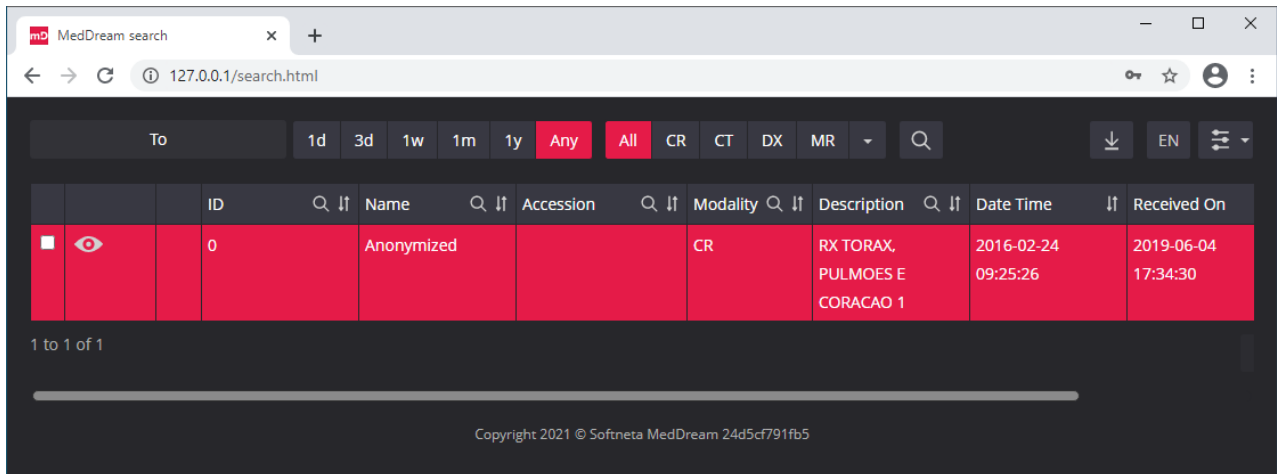
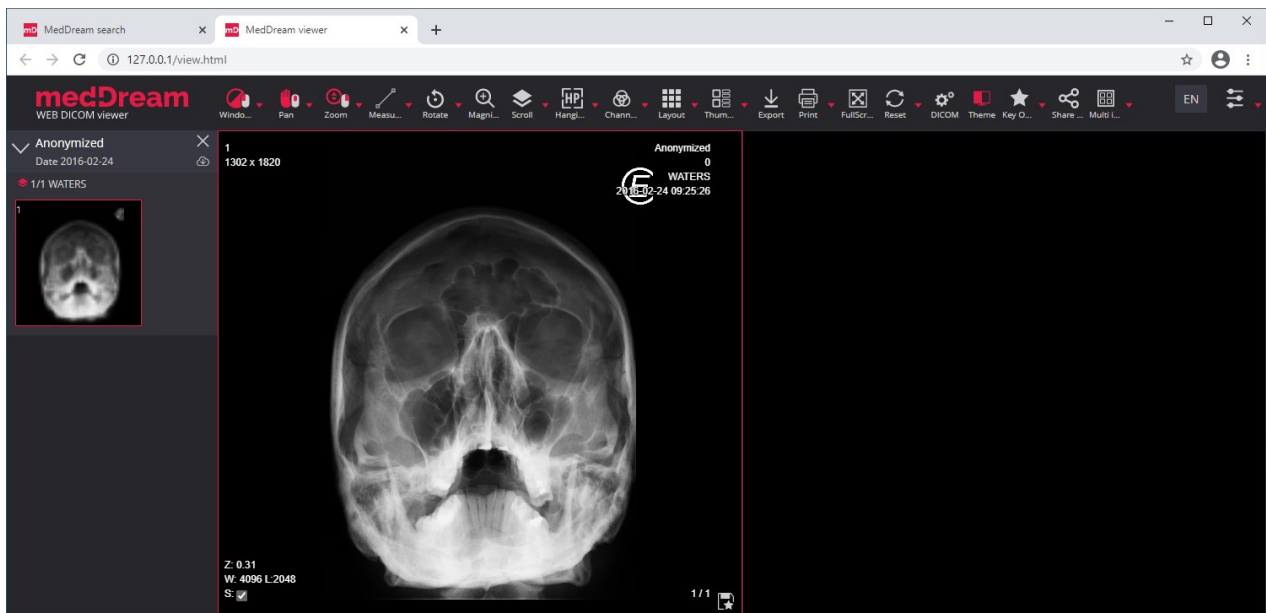**3** MeddDream Viewer shows an empty list of studies:

4 **Change** the date range selection by pressing **<Any>** button. Now you can see one study in the list:

> **TIP:** Samples of anonymized studies can be downloaded from https://demo.softneta.com/ (Login –> Open the selected study –> Click Export –> Select the DICOM format and click Export again –> Press the Download link).

5 **Click** once on the study with the left mouse button. MedDream Viewer opens the study in a new browser tab:

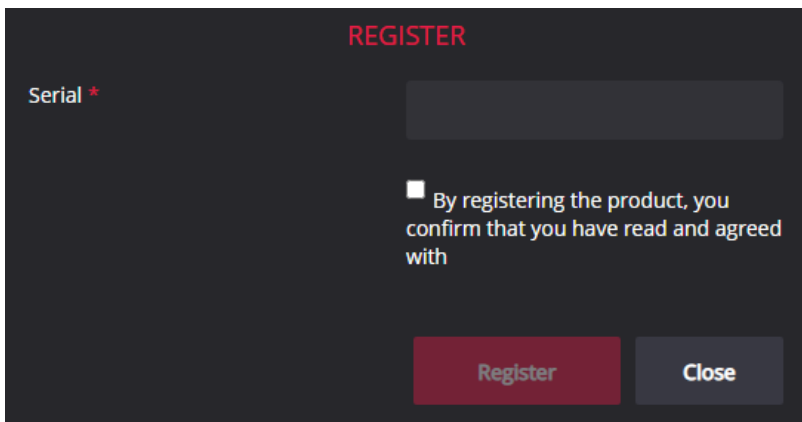**6** Now you can try and see how powerful and useful this tool is.

TROUBLESHOOTING

✓ You must restart the MedDream service each time after changes to the application.properties file or if something went wrong. You can restart the service by running in cmd line: services.msc -> then selecting MedDream service and clicking Restart on the left.

✓ If you can't open the studies, clearing your browser's cache may help. Open a browser and press **CTRL+SHIFT+DEL**. Then select which old data you want to delete and click **Clear** data.

✓ MedDream DICOM Viewer logs are stored in the **C:\MDPACK\MedDream\meddream.main.log**. The standard logging level in the application.properties file is set to INFO. If the log contains too little information, you can change the logging level to **DEBUG** by changing the value of the logging.level.com.softneta parameter.

LICENSE

MedDream DICOM Viewer licensed under the Commercial License. Please contact info@softneta.com to get TRIAL or Commercial license. If you have a License Serial number, follow these instructions:

1 Press **Register** button. The system opens a license registration window:

2 Enter the name of the organization and the license **Serial** number you received.

3 Click on the link **EULA** and read Software License Agreement. After reading, close the window by clicking the **<Close>** button.

4 **Check** the box ☐ to confirm that you accept license agreement.

5 Press **Register** button. The license will be successfully registered.

NOTE: If you have any questions about MedDream licenses and prices, please contact our SALES team by e-mail info@softneta.com or by phone +370 670 15991.

HELP AND RESOURCES

✓ Detailed MedDream installation and configuration instructions are provided in the install manual. You can download it from here: https://www.softneta.com/files/meddreamviewer/doc/MedDream-DICOM-Viewer-Install-Manual.pdf

✓ We are constantly improving this product. Get the most out of your MedDream Viewer with updated features and performance.

✓ Download the User manual from https://www.softneta.com/files/meddreamviewer/doc/MedDream-DICOM-Viewer-User-Manual.pdf and get more information about this device.

✓ Read short instructions and watch tutorial videos here: https://www.softneta.com/documentation/user-guide/user-introduction/

✓ Our great SUPPORT team is always ready to help you. If you have any questions, please write an email to support@softneta.com or call +370 672 62795.