Automated Aras 3DV Installation

Aras Update provides an automated application installation process.

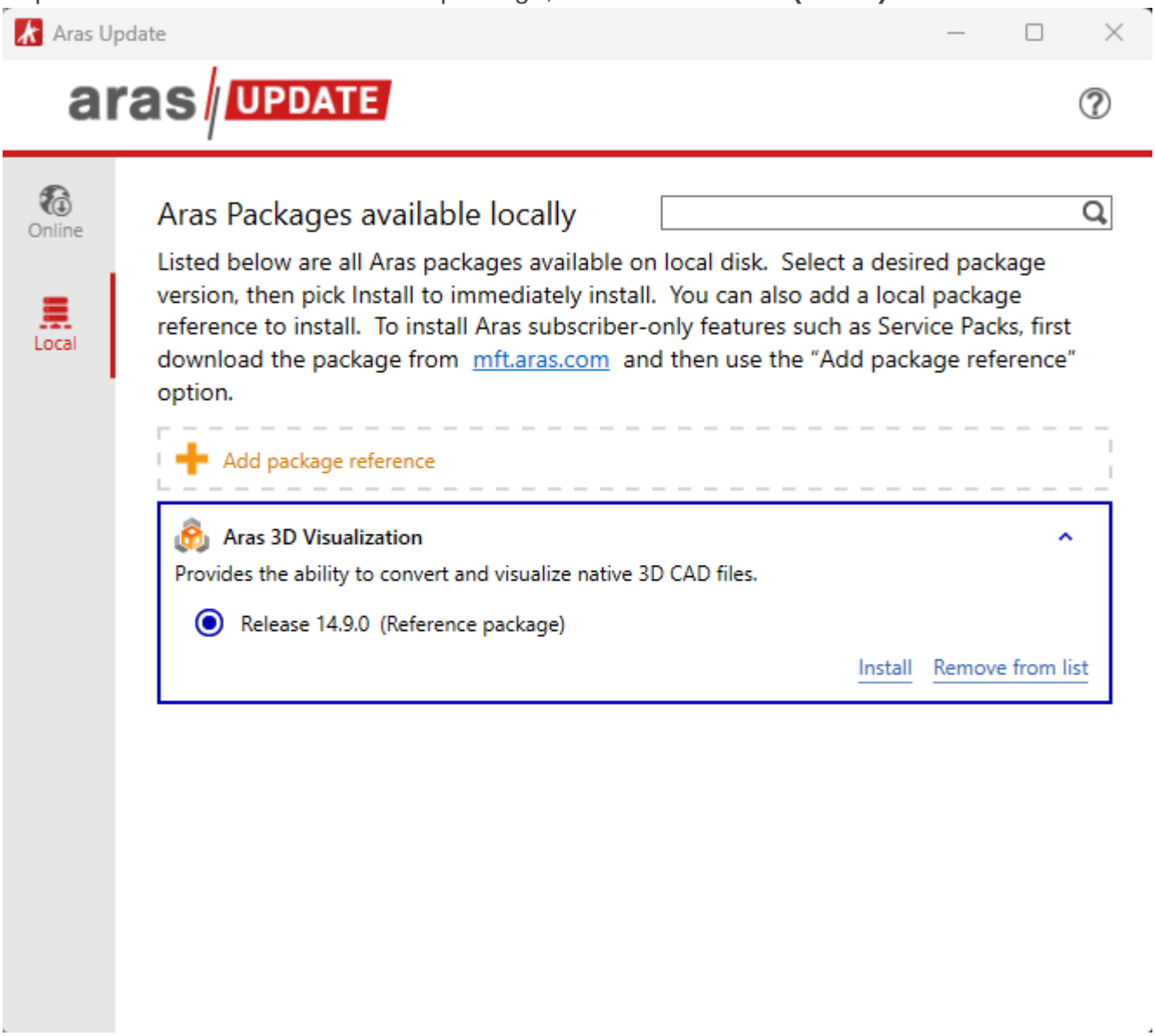
The installation procedure is the same when installing one, multiple, or all Aras 3D Visualization components on one machine. If multiple or all components are installed on multiple machines, the procedure should be performed on each machine in the order discussed in the *Component Installation Order* section.

Only a machine with the Conversion Server and Aras Innovator Server can install all components at once.

The following steps outline the process to install one, multiple, or all Aras 3D Visualization components on one machine using Aras Update:

1. Download the **Aras 3D Visualization 39 CD Image** from the Aras File Sharing site and unzip the file on the local computer.
2. Enable the **Super User** (**root**) login.
3. Launch the **ArasUpdate.exe** file as an administrator.
   If default options were selected during installation, the **ArasUpdate.exe** file is found in the directory C:\Program Files (x86)\Aras\Aras Update\.
4. On the **Local** tab, click **Add package reference** and navigate to the folder where the **Aras 3D Visualization** package was extracted in the first step.

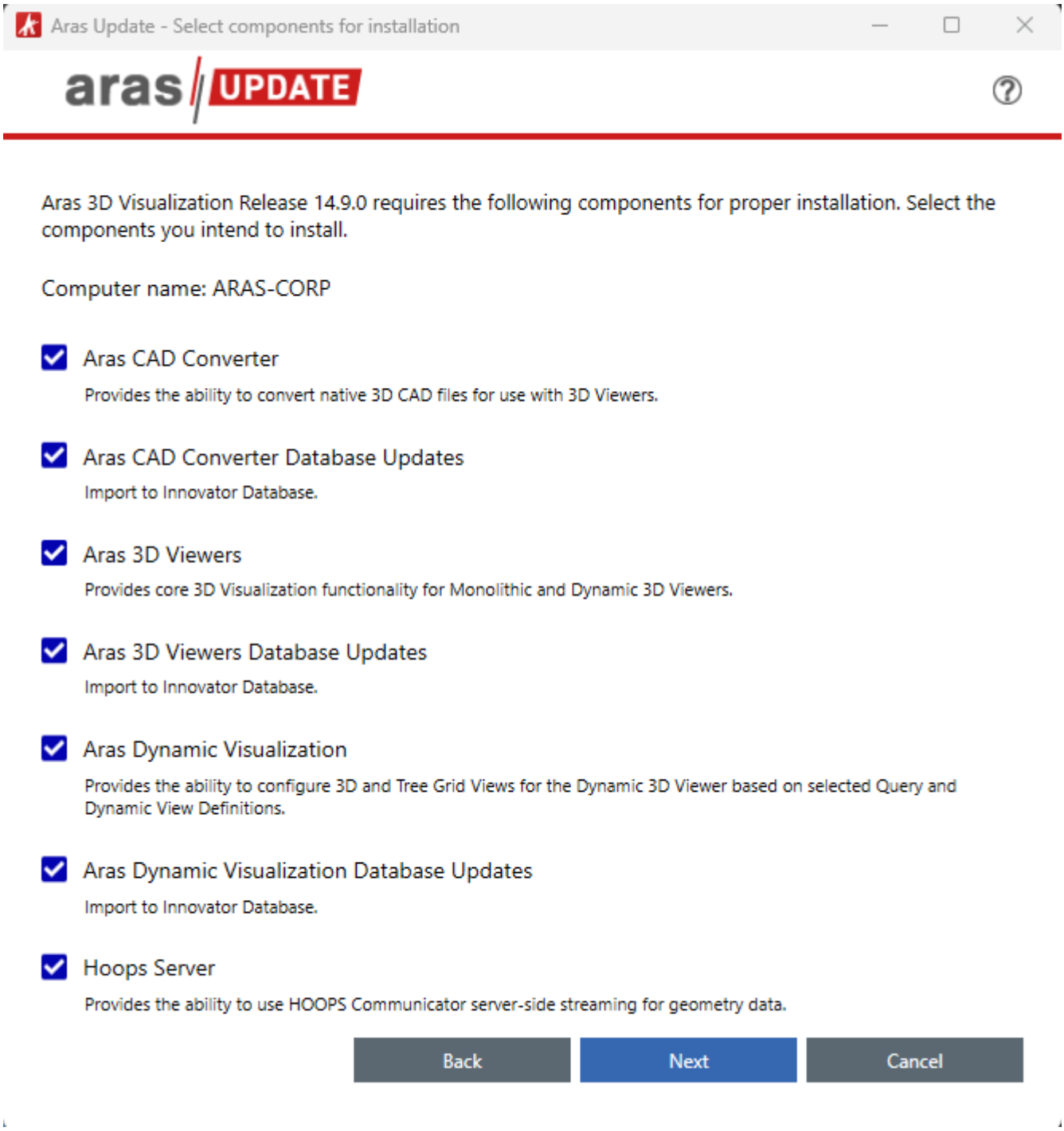
5. Expand the **Aras 3D Visualization** package, select **Release 39 (14.0.9)** and click **Install**.



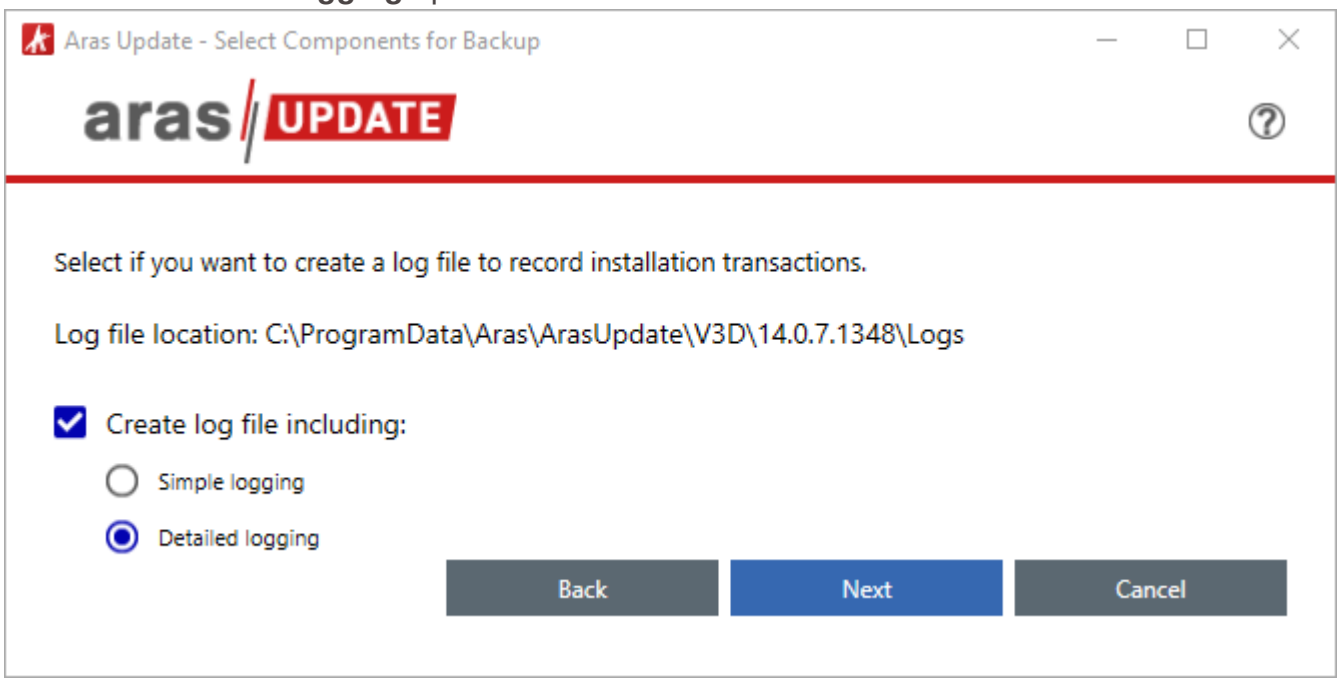
6. Select the installation modules of the Aras 3D Visualization components that will be installed and click **Next**. Deselect the **Hoops Server** component. This component is used to install Streaming Viewer. To install Streaming Viewer, see the *Automated Aras 3DV Installation for Streaming Viewer* section.

> **Important**
>
> The Aras CAD Converter, Aras 3D Viewer, and Aras Dynamic Visualization components consist of two installation modules: code tree and database updates. Both modules

should be installed to install a component; otherwise, the component will not be completely installed. Updating the code tree and database in separate installation sessions is possible.

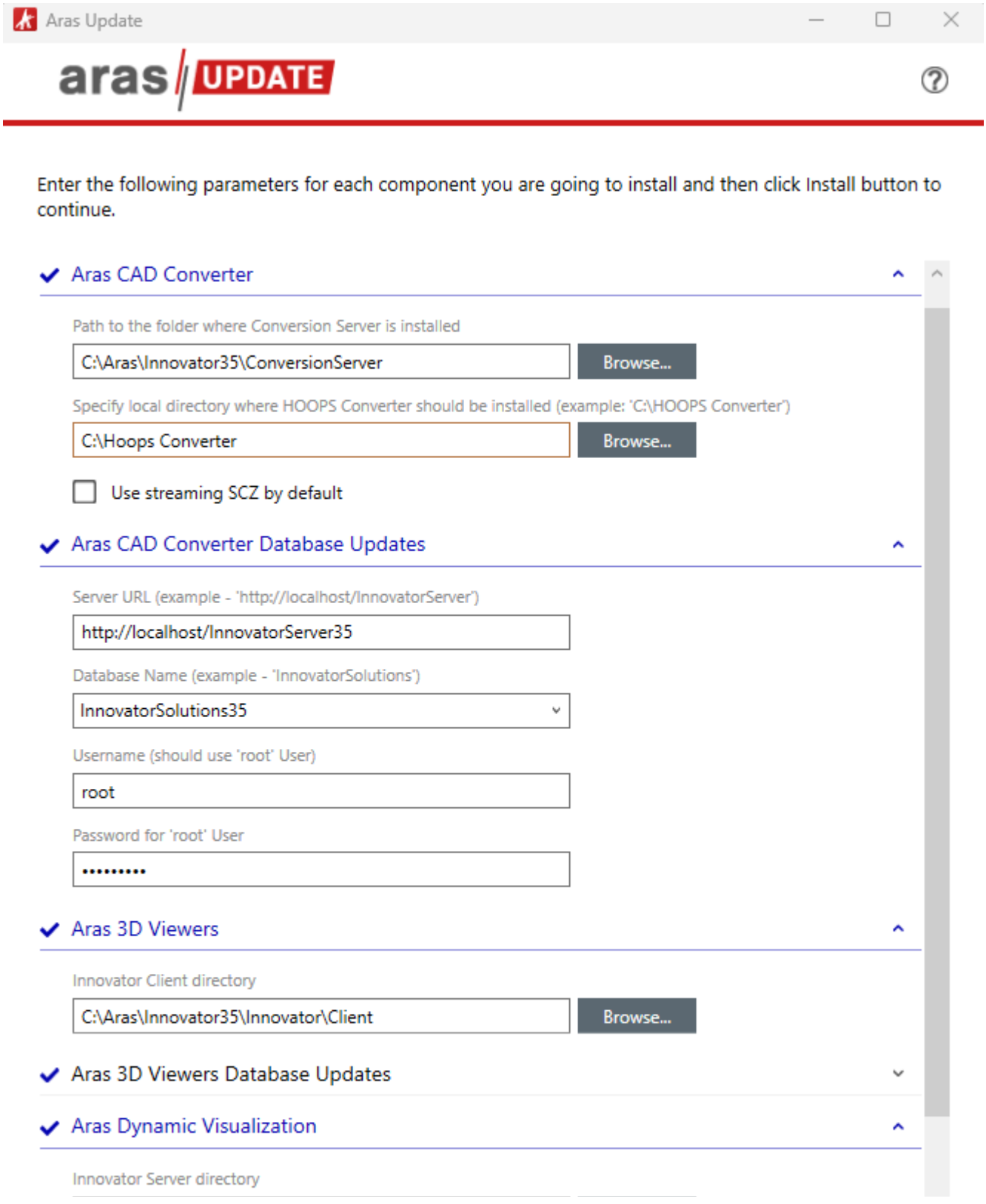


7. Select the **Detailed logging** option and click **Next**.



The logging option records the installation attempt and can be used to troubleshoot issues.

8. Input the connection information and click **Next**.



- **Path to the folder where Conversion Server is installed:** a physical path to the Conversion Server of Aras Innovator code tree. See section Aras Innovator Code Tree.
- **Specify local directory where HOOPS Converter should be installed**: The physical path to a local folder where HOOPS Converter files will be installed; for example, C:\HOOPS Converter.
- **Innovator Client directory:** a physical path to the Innovator Client of Aras Innovator code tree. See section Aras Innovator Code Tree.
- **Innovator Server directory:** a physical path to the Innovator Server of Aras Innovator code tree. See section Aras Innovator Code Tree.

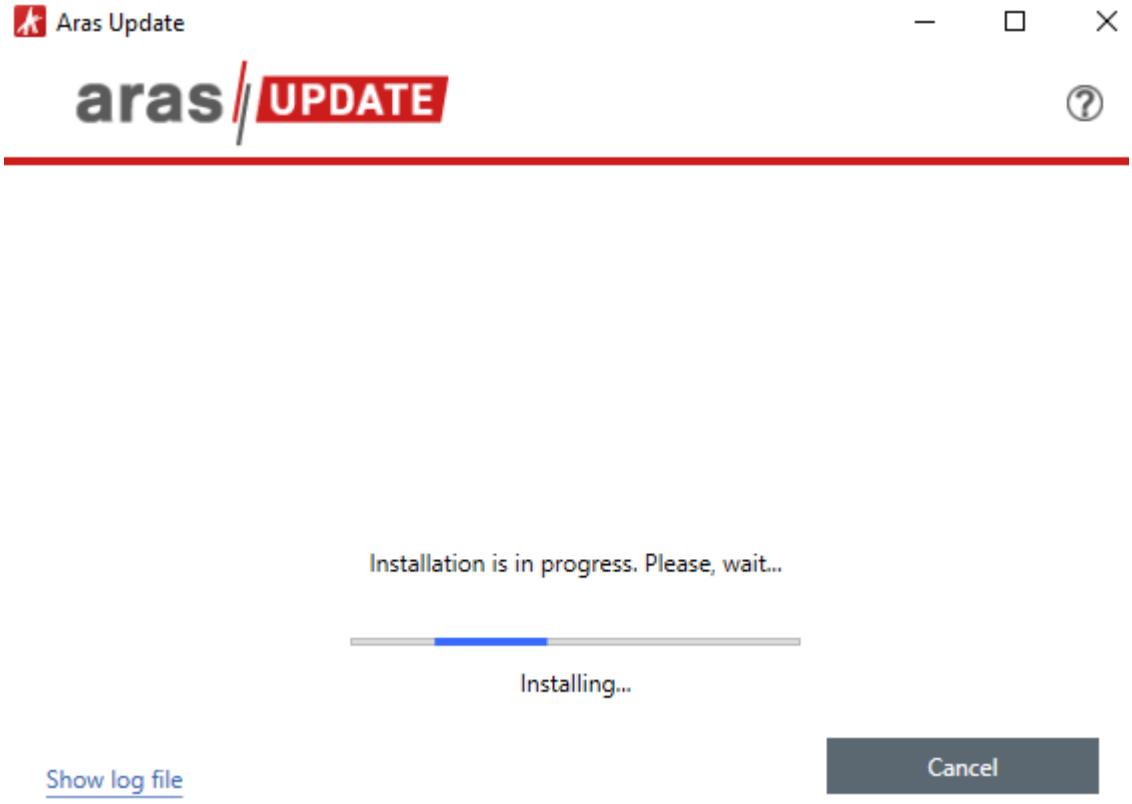
> **Important**
>
> When installing the Streaming Viewer, the Use streaming SCZ by default field should be checked; otherwise, leave it unchecked.

> **Important**
>
> If the Use streaming SCZ by default checkbox is checked, and the Streaming Service (HOOPS Server) is not installed, none of the other Viewers will work.

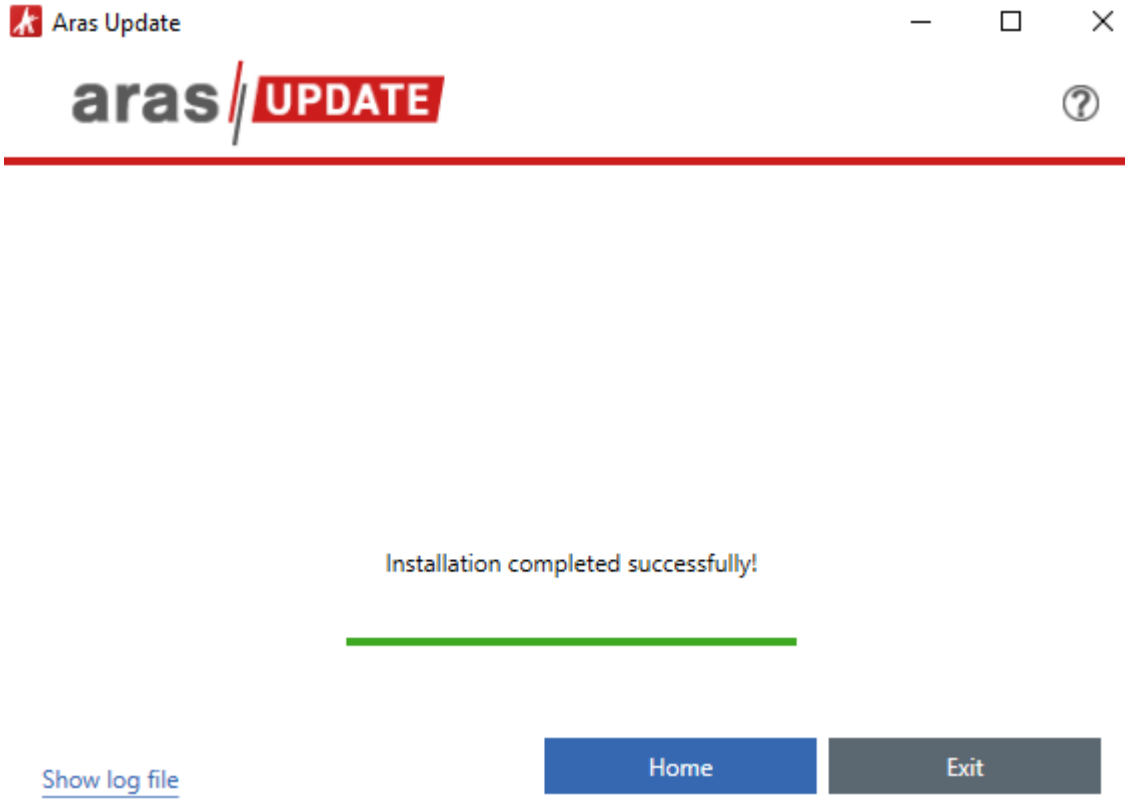
- **Server URL:** The URL for connecting to a given Aras Innovator instance. By default, it is http://localhost/InnovatorServer/.
- **Database Name:** The name of a target Aras Innovator database. By default, it is InnovatorSolutions.
- **Username**: root
- **Password for 'root' User**: The password for the root User. By default, it is innovator.

If installing multiple Aras 3D Visualization components, connection settings for the following components are automatically inherited from the preceding ones. For example, if Aras 3D Viewers is installed with Aras CAD Converter, the Aras 3D Viewers modules inherit connection settings from the Aras CAD Converter modules.

9. Once the connection information is provided, click Install. The installation process begins.



10. Once the installation is successfully completed, close Aras Update.



11. Disable the **Super User** (**root**) login.
12. This step is optional. Confirm the successful Aras 3D Visualization installation. See the *Confirming Aras 3DV Installation* section.
    If the installation fails, restore the Aras Innovator code tree, Conversion Server, and database with the backups done before the installation and contact Aras Support at support@aras.com .