



CA4K™

Hardware Communication Server
(HCS)

Installation Guide
(Version 1.1.5x)

Revision: Rev F |

Date: 1/13/2022



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Must Read before you begin installation

- If you are upgrading CA4K™ Version 1.1.3x or later, the installation will automatically remove the previous version of CA4K™ and the setup must be launched again.
- The screenshots in this document might not reflect the latest version of the CA4K™.
- Prior to starting the CA4K™ HCS installation, you must make certain you have Full Administrator privileges without any restrictions. This includes lowering the UAC settings to “Never Notify” and verifying there are no domain restrictions. Failure to do so will result in installation failures.
- If a version of SQL Server is not detected, the HCS installation will install an instance of SQL Server 2019 Express.
- The Hardware Communication Server (HCS) installation includes the creation of only one database. The name of the database is “CaComdb”.
- The default Com Server is on the CA4K Server (Host) computer. If you are adding a secondary Com Server, it must be on a separate computer and the software license must support two or more Com Servers (HCS).

Overview

This document provides a step by step procedure of a CA4K™ Hardware Communication Server (HCS) installation. The **HCS** installation is used to add a secondary HCS (Com Server). The secondary Com Server must be installed on a separate computer and the software license on the Server (Host) must support two or more Com Servers.

System Requirements

Ensure Recommended Server Requirements are met

Make sure that the computer meets the specifications that are documented in the “CA4K™ System Requirements” document.

Verify Full Administrator Permissions

Continental Access requires Full Administrator permissions to install the CA4K™ software. Failure to provide these permissions will result in installation failures.

Related Documents

CA4K™ Complete Install Installation Guide - A step by step guide on installing a “Complete Server” installation.

CA4K™ Database Only Installation Guide - A step by step guide on installing a “Database Server” installation.

CA4K™ Report Station Installation Guide - A step by step guide on installing a “Report Station” installation.

CA4K™ Server Only Installation Guide - A step by step guide on installing a “Server Only” installation.

CA4K™ Workstation Installation Guide - A step by step guide on installing a “Workstation” installation.

CA4K™ Data Migration Guide - A step by step guide on migrating a CardAccess 3000 database to a CA4K™ database.

CA4K™ Quick Start Programming Guide - A step by step guide on programming a basic CA4K™ system.

CA4K™ TCP/IP Ports Reference Guide – TCP/IP Ports Reference Guide.

CA4K™ System Requirements – Computer Specifications.

Prerequisites

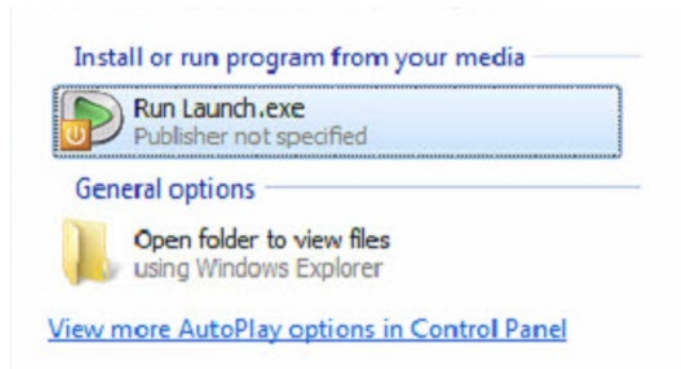
The following prerequisites are required prior to installing CA4K™. If they are not detected, they will be installed automatically:

- .Net Framework 4.72
- Microsoft Visual C++ Redistributable Packages
- SAP Crystal Reports

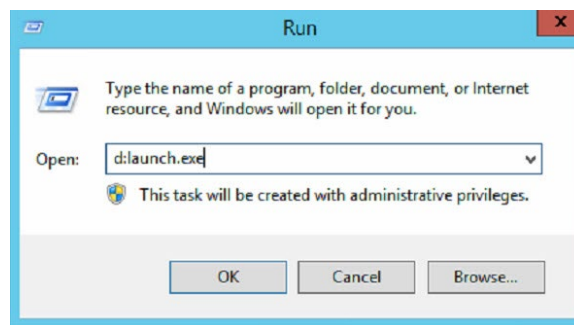
CA4K™ Hardware Communication Server (HCS) Installation

1. Insert the CA4K™ Installation DVD into the DVD drive. If **Auto-Play** is enabled on the computer, the software will launch automatically. On some operating systems, the following screen will display. If the screen below displays, you must click **Run Launch.exe**. **Note:** A different screen might display where it is required to Tap the screen to launch the installation.

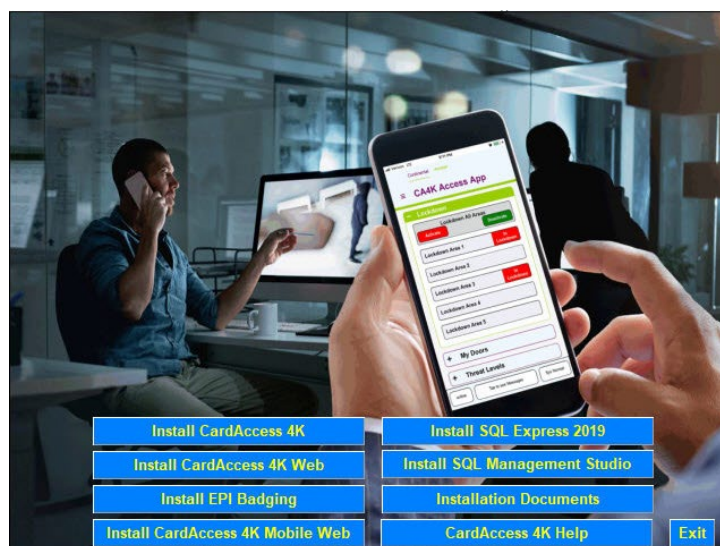
Note: The version displaying on the following screens, might not be the latest version.



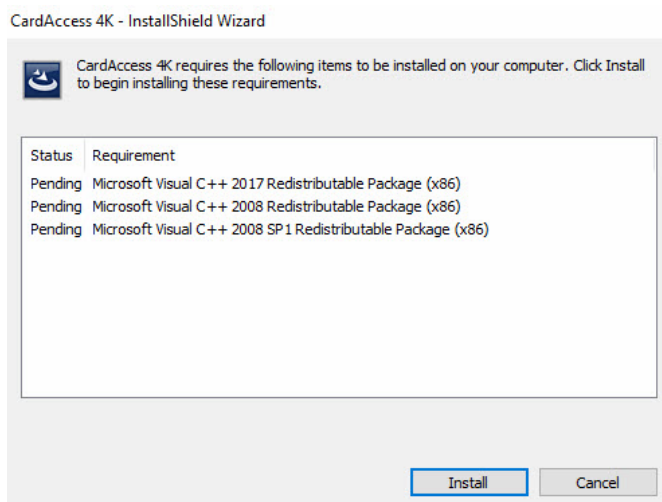
2. If **Auto-Start** is not enabled on the computer, you must manually launch the CA4K™ installation. Simply click the Windows Start button, then click **Run**. In the Run window, browse to the DVD and select **launch.exe** from the DVD drive. Alternatively, you can navigate to the DVD manually and run **launch.exe**. For our demonstration, the DVD drive letter is D:.



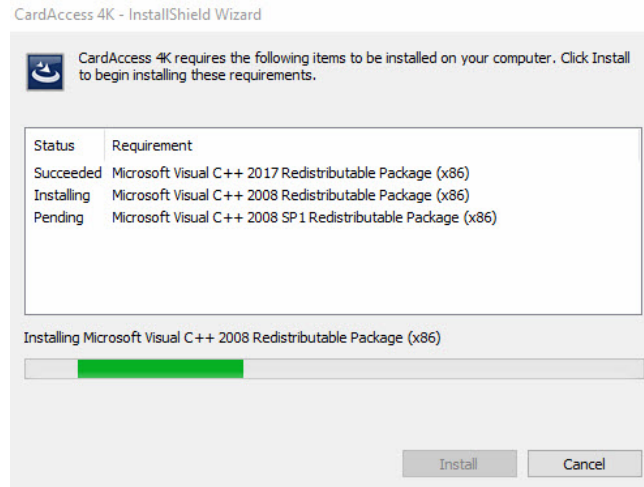
3. If the installation launches automatically, the CA4K™ main menu will display. Click **Install CA4K™** on the Main menu.



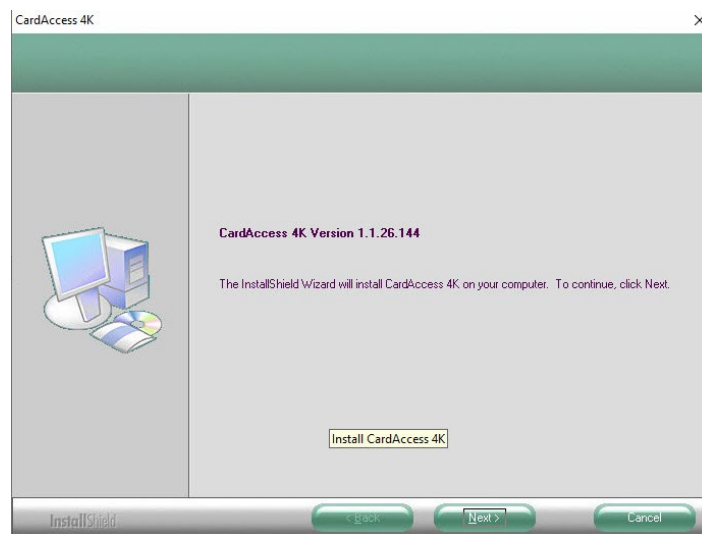
4. The **Requirements** screen displays all the required software components which must be installed before the installation begins. The following two screens may vary depending on the operating system and the existing pre-installed components. Click **Install**.



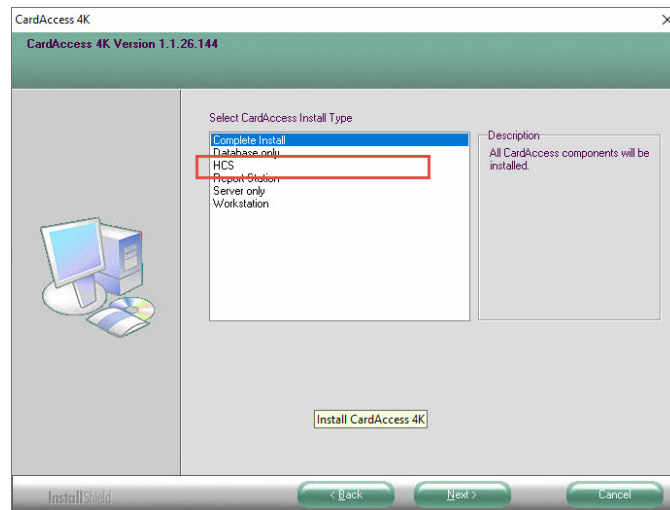
5. A progress bar will display as the **required software components** are being installed.



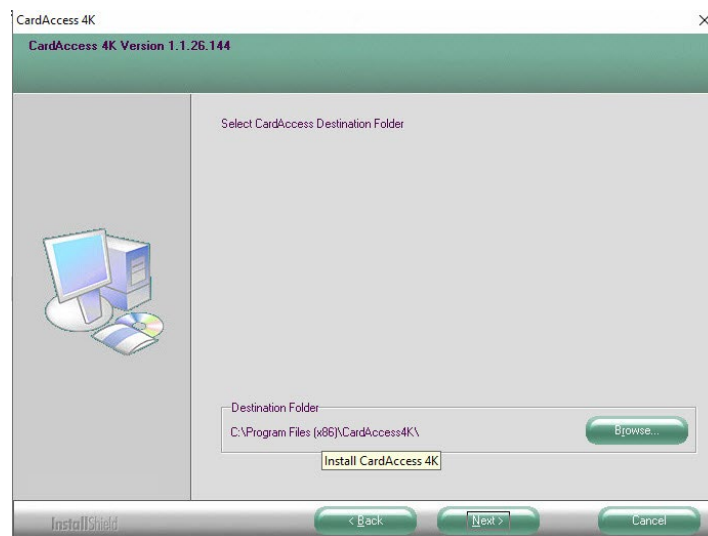
6. After the required software components are installed, the **CA4K™ InstallShield** screen will display. Click **Next**.



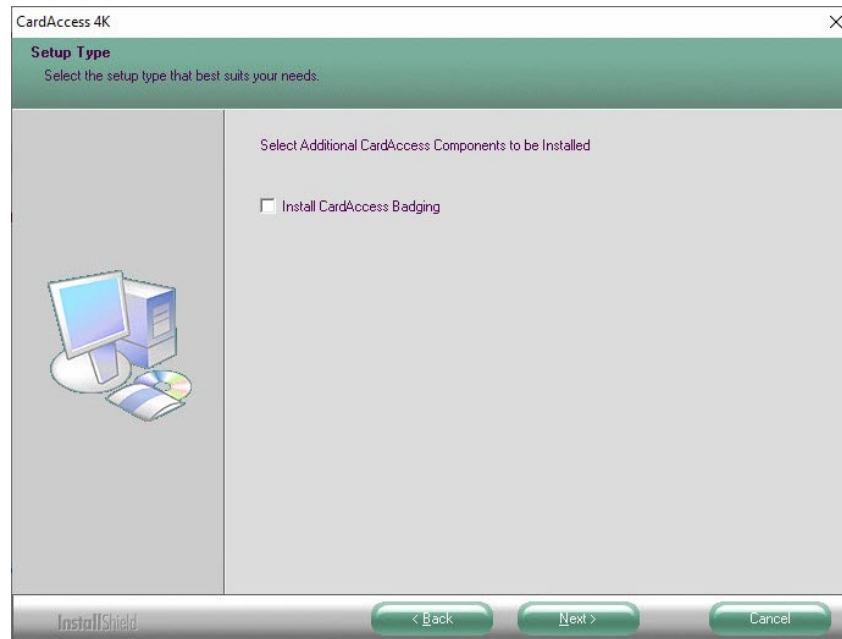
7. Select **HCS** Install. Click **Next**.



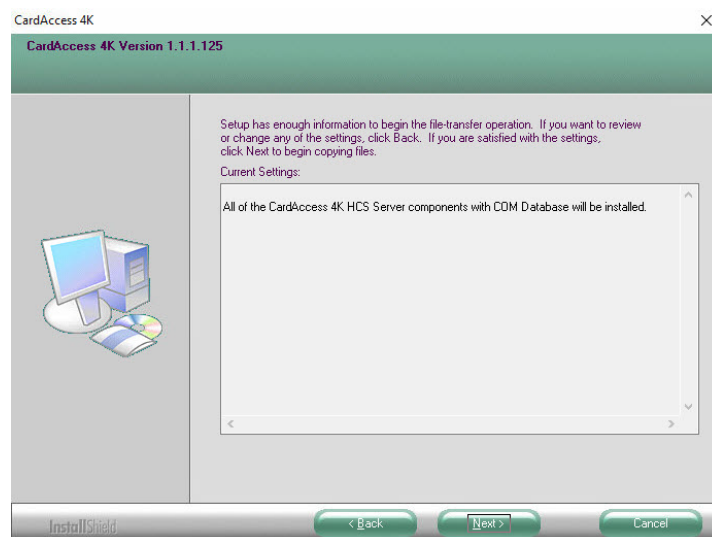
8. The **Select CardAccess Destination Folder** screen displays. If you want to change the destination folder, click **Browse** and select the new destination. Click **Next**.



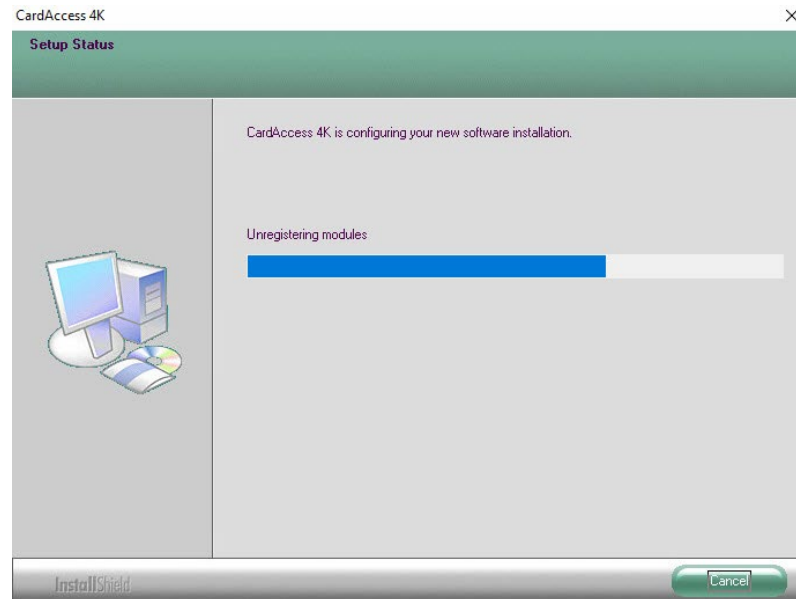
9. The **Select CardAccess components** screen displays. For our demonstration, do not select **Install CardAccess Badging**. Click **Next**.



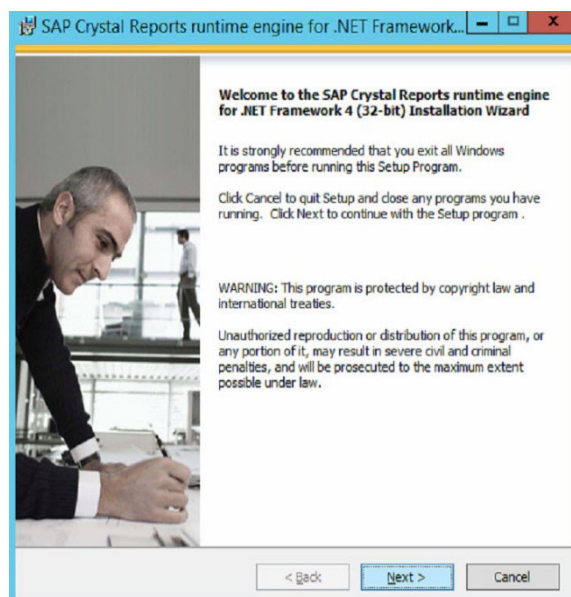
10. The **Current Settings** screen displays. Click **Next**.



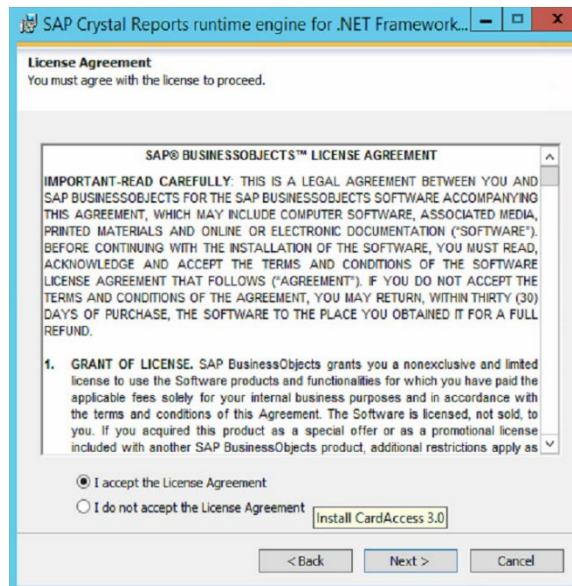
11. A progress bar displays while the CA4K™ HCS is installing.



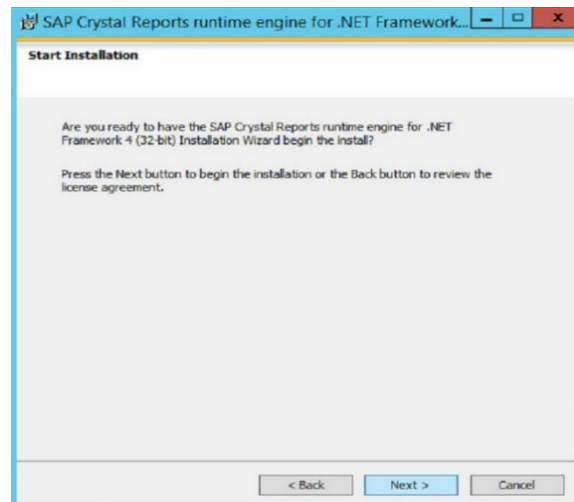
12. The **Welcome to the SAP Crystal Reports runtime engine for .NET Framework 4 (32 bit) Installation Wizard** screen will display. Click **Next**.



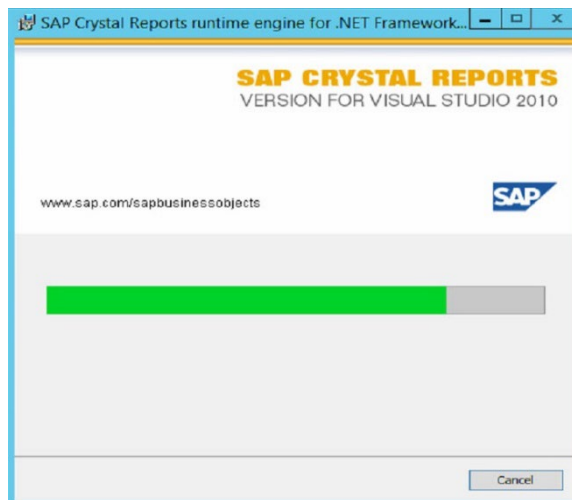
13. The SAP Crystal Reports **License Agreement** screen displays. Select **I accept the License Agreement**. Click **Next**.



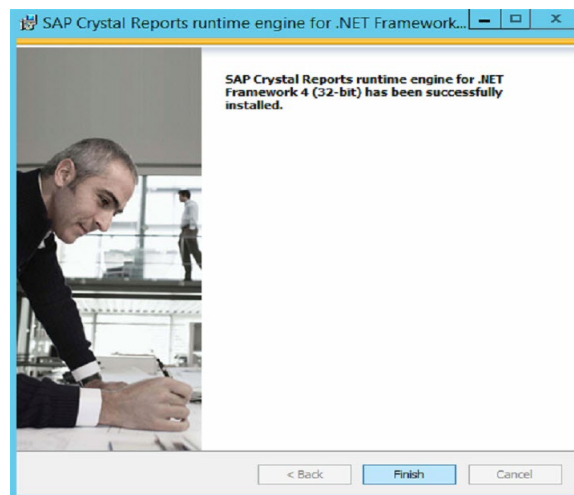
14. The SAP Crystal Reports **Start Installation** screen will display. Click **Next**.



15. A progress bar will display while the **SAP Crystal Reports** is installing.



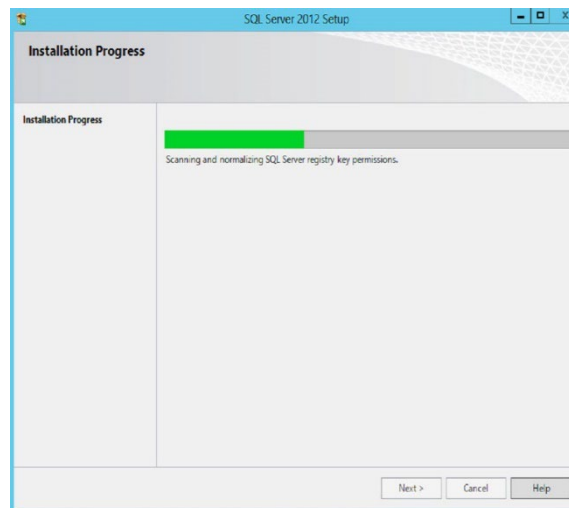
16. After the installation is complete, the **SAP Crystal Reports runtime engine for .NET Framework 4 (32 bit) has been successfully installed** screen displays. Click **Finish**.



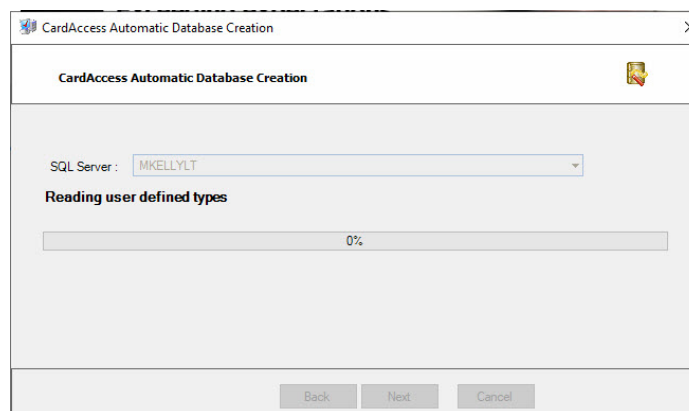
Note: If an instance of SQL is not detected, the HCS installation will install SQL Server 2019 Express.

17. A few screens referencing **SQL Server 2019** will display momentarily.

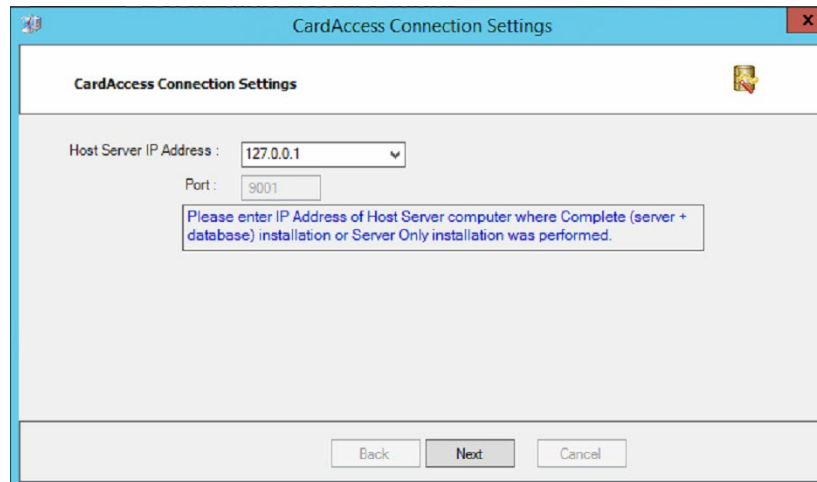
18. An **Installation Progress** bar will display while Microsoft SQL Server 2019 is installing.



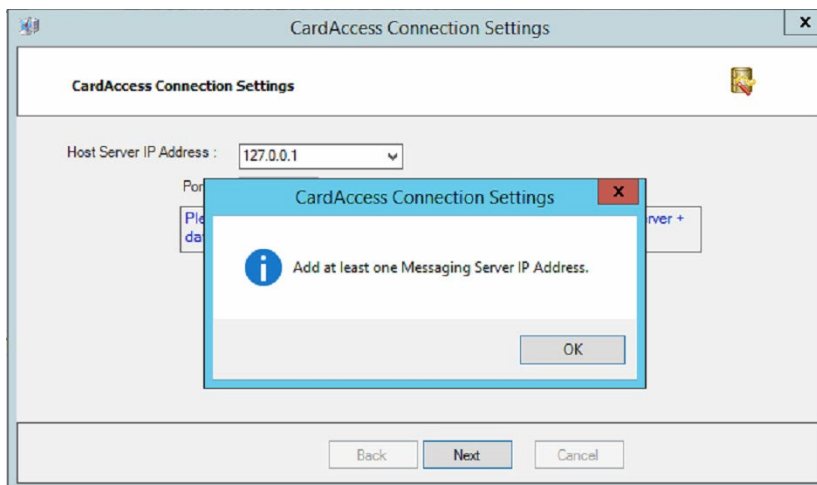
19. The **CardAccess Create Database(s)** screen displays while the CaCOMDB database is being created.



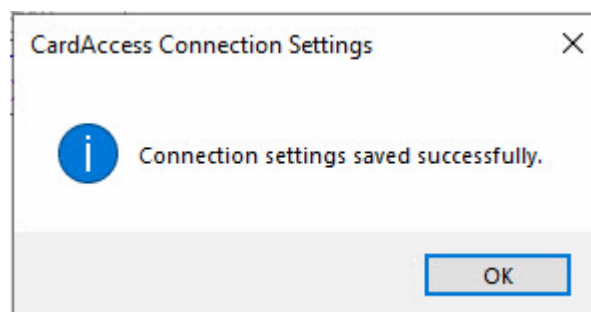
20. The **CardAccess Connection Settings** screen displays. You must type in the IP Address of the CA4K Server (Host) Computer. Click **Next**.



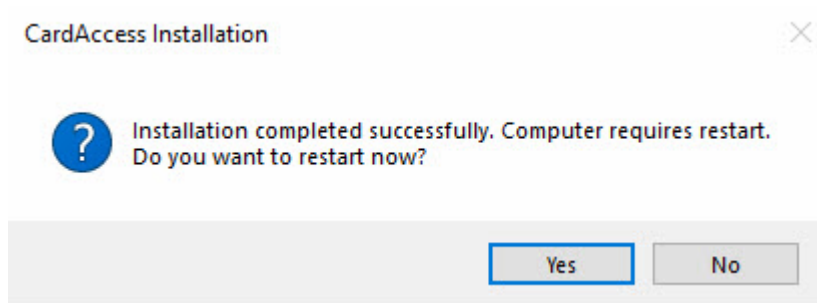
21. Failure to type in the IP Address of the Host Server computer will cause the following screen to display. You must type in the IP Address of the Host Server Computer. If this screen displays, Click **OK** to proceed.



22. If a correct IP Address was entered in, a **Connection Settings Saved Successfully** screen displays. Click **OK**.



23. After the Connection is saved, the **CardAccess Installation completed successfully** screen displays. Click **Yes** to restart the computer.



24. If the **CA4K™ Main Menu** displays. Click **Exit**.

