

INSTALLATION MANUAL

C-Cast IPConnect

Version 3.5 - February 2017



C-Cast IPConnect



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What's New ?

In the C-Cast Installation Manual, the icon **NEW !** has been added on the left margin to highlight information on new and updated features.

The changes linked to new features in version 3.5 are listed below.

Update of the Installation Process (for Windows 10)

- See section "Installing C-Cast IPConnect" on page 3

1. Product Description

C-Cast IPConnect Application

The C-Cast IPConnect is a service acting as a bridge for the data communication between IPDirector and C-Cast Central.

In a C-Cast workflow, IPDirector is used to select media to be made available to the Publisher operator for preview purpose.

To achieve its goal, C-Cast IPConnect creates bins dedicated to the C-Cast workflow in IPDirector.

When C-Cast IPConnect is running, it checks the clips added to these bins, and tells C-Cast Central which media has to be processed in the C-Cast workflow.

You can use a single IPConnect in a given C-Cast production.

C-Cast IPConnect User Interface

The C-Cast IPConnect user interface serves two purposes:

- It makes it possible to easily set up the C-Cast IPConnect software on the studio, so that it can fulfill its communication role.
- It makes it possible to monitor that the services built in the C-Cast IPConnect application are running and operating properly.

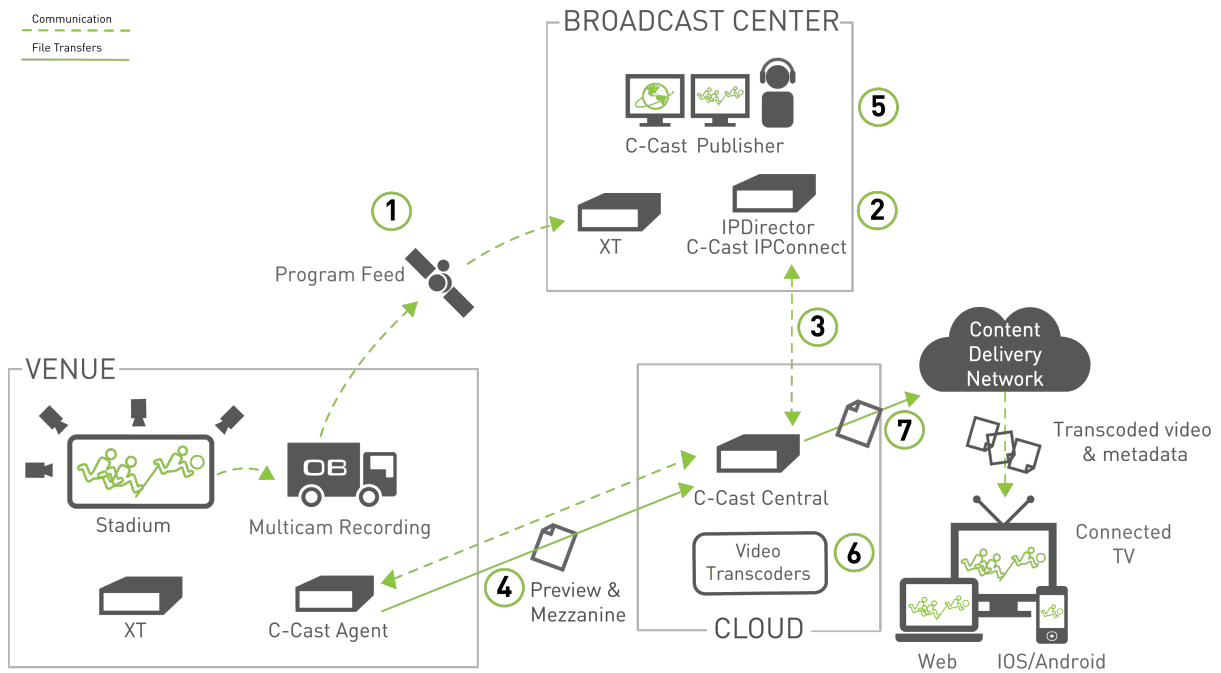
The actual communication is fulfilled in the background by the C-Cast IPConnect services.

C-Cast IPConnect Workflow

The C-Cast IPConnect is installed in the broadcast center when an IPDirector is used, and plays a communication role, as explained in step 3 of the following workflow.

1. From the OB production van at the venue, a reference program feed is sent back to an EVS server in the broadcast center.
2. In the broadcast center, the operator accesses, with IPDirector, the reference feed on which (s)he defines IN and OUT points to identify the media to be made available in C-Cast Publisher.
3. The media selection information (IN and OUT points, and metadata) is transmitted to the C-Cast Central via C-Cast IPConnect.
4. The C-Cast Central requests the C-Cast Agent to extract the media corresponding to the selection. The C-Cast Agent, and the underlying Xsquare service, extracts and transfers the preview files and mezzanine files to the C-Cast Central. Based on the configuration, all camera angles associated to the selected media are also generated as preview and mezzanine files.


5. In the broadcast center, the operator browses the preview files of all requested camera angles (video asset) in C-Cast Publisher. The operator validates the publication items and video assets (s)he wants to publish to viewers. In addition, the operator can send publications items to a target, for example a storage in the broadcast center.
6. The C-Cast Central requests the integrated cloud video transcoders to generate the requested output files.
7. The C-Cast Central exposes the output files to the viewers' applications.



2. Installing C-Cast IPConnect

Installation Package

For the C-Cast IPConnect installation, one executable file is provided, valid for **Windows 7** and **Windows 10** workstations:

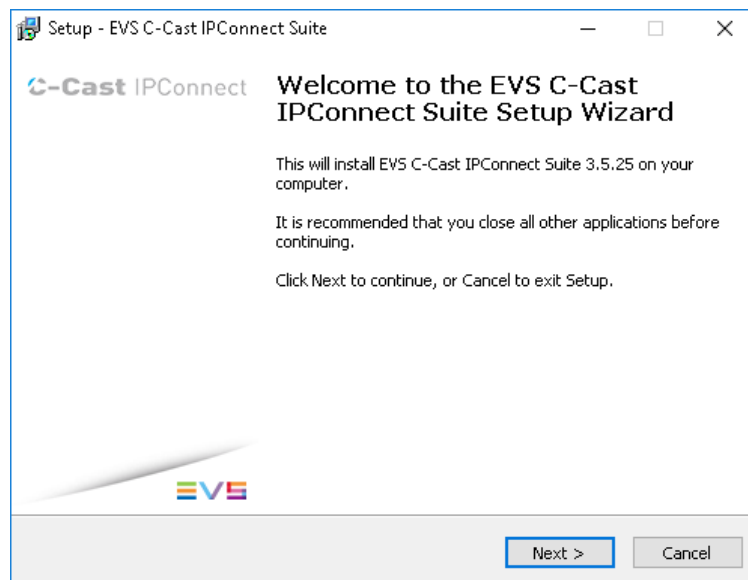
 EVS C-Cast IPConnect Suite_Setup_3.5.X.Y.exe

Procedure

To install C-Cast IPConnect Suite Setup, proceed as follows:

1. Double-click the executable EVS C-Cast IPConnect Suite_Setup_3.X.Y.exe (where X stands for the minor version number, and Y for the build number).

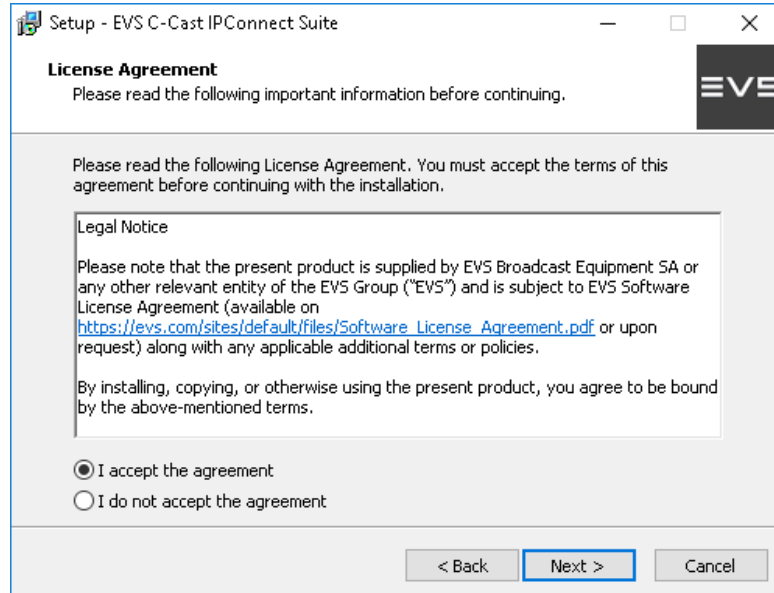
The Welcome dialog box opens:



Click **Next** in the Welcome dialog box.

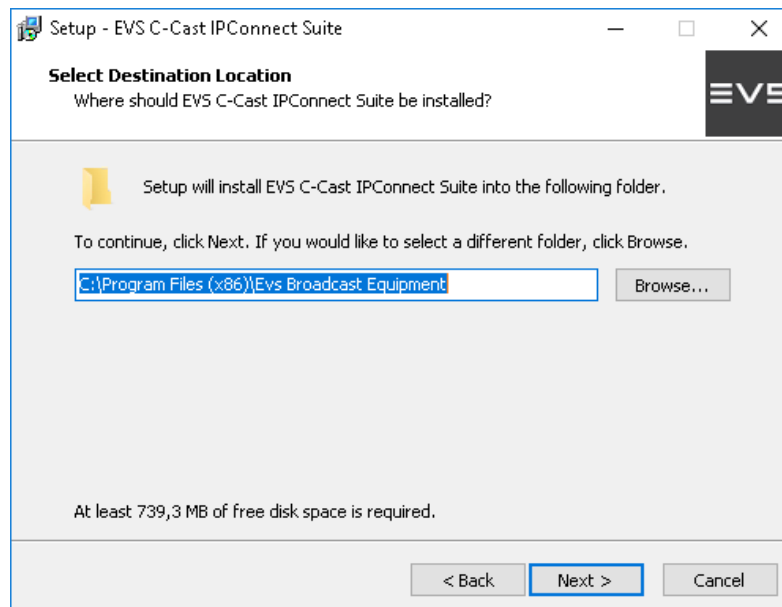
2. The Setup Initialization window opens as installation files are being extracted.
3. The License Agreement dialog box opens.

After reading the license agreement, make sure **I accept the agreement** is selected, and click **Next**.



4. The **Select Destination Location** dialog box opens.

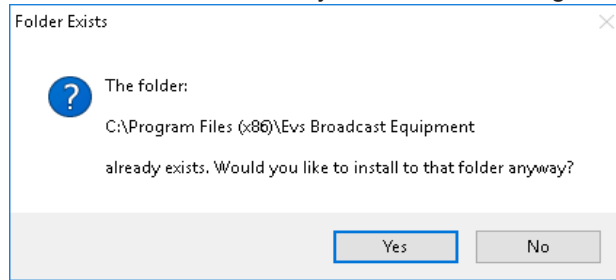
This dialog box specifies the default folder for installing C-Cast IPConnect:



If requested, click the **Browse** button, select another path where to install C-Cast IPConnect, then click **OK**.

Click **Next**.

5. If the selected folder already exists, the following message appears:



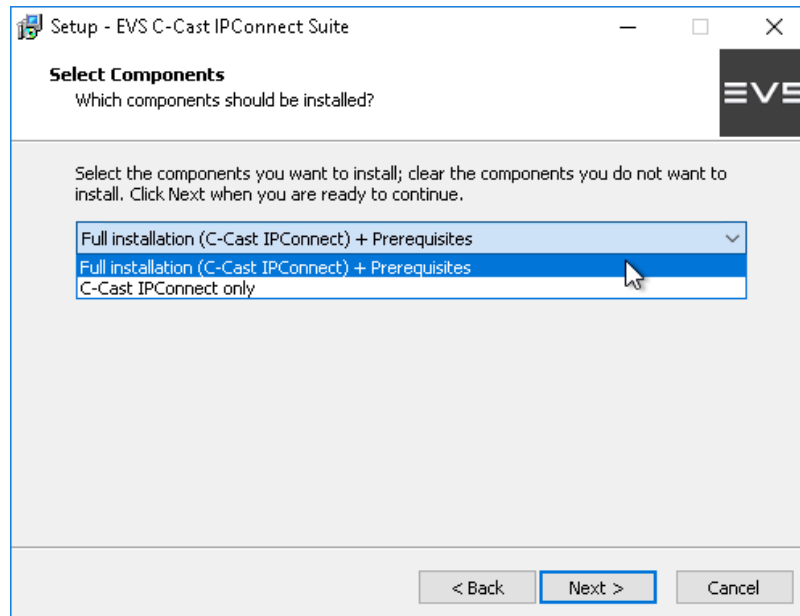
Click **Yes** to confirm you want to store the application in this folder.

6. The Select Components dialog box opens.

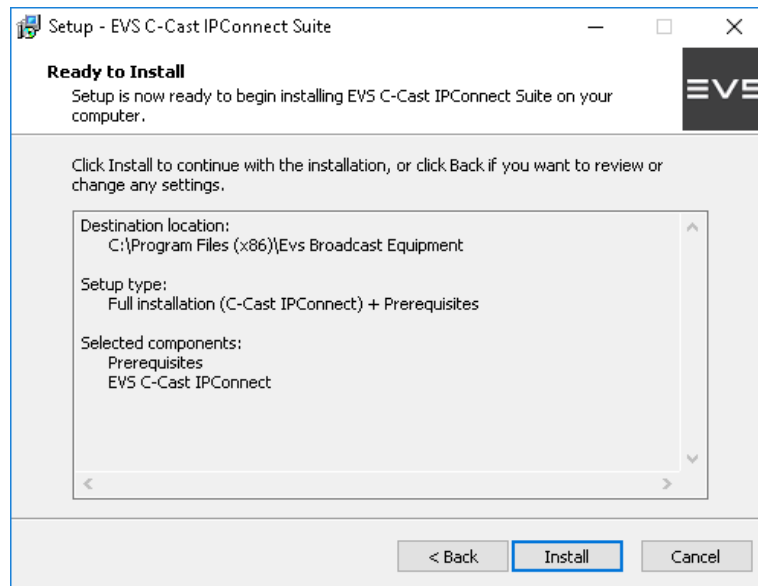
This dialog box let you specify the installation type. You can select:

- the full installation including C-Cast IPConnect and required external components (Prerequisites);
- the installation of C-Cast IPConnect only.

Click **Next**.



7. The **Ready to Install** dialog box opens. It summarizes the installation settings:



Click **Install**.

Otherwise, click **Back** and modify the requested settings.

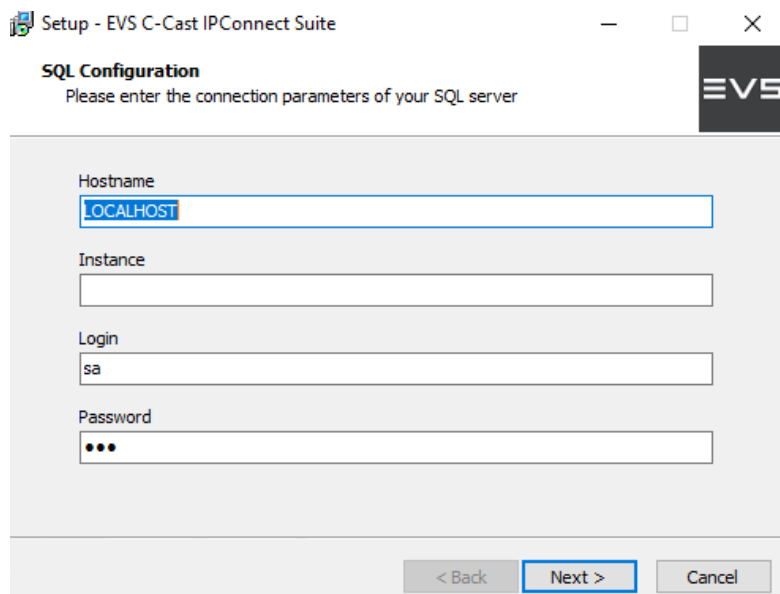
8. The SQL Configuration dialog box opens with the default settings for the SQL Express database.

Fill in the fields as specified below, using the default login **sa** and password.

On Windows 7, type `MSSQLSERVER2008` in the **Instance** field.

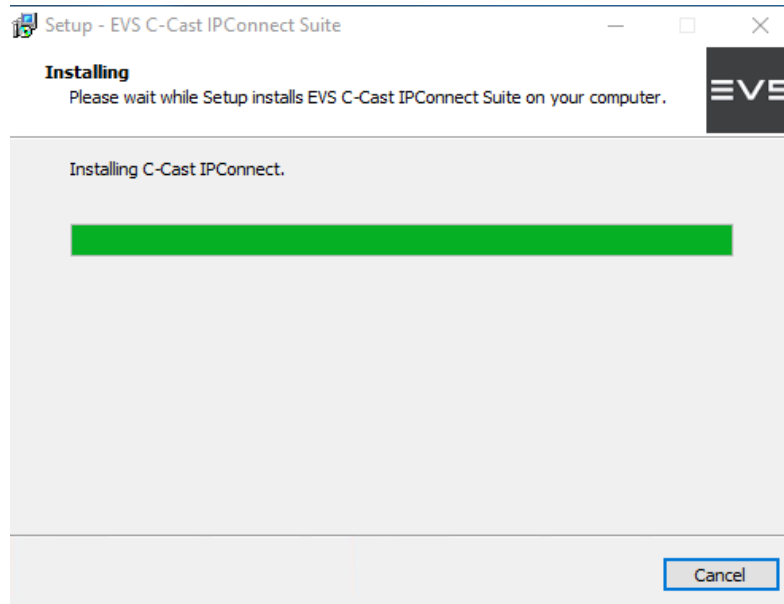
On Windows 10, keep the **Instance** field empty as the default instance (`MSSQLServer`) is used.

NEW !

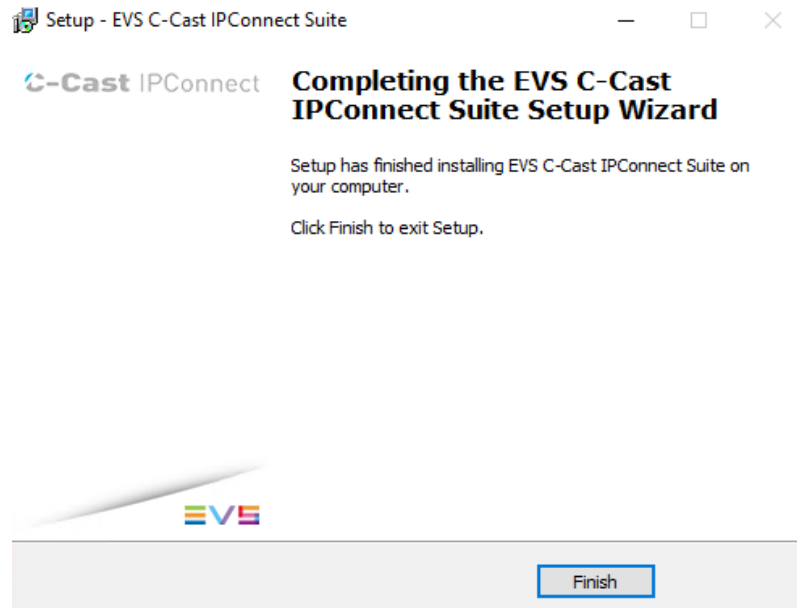


Keep the default settings and click **Next**.

9. This launches the installation process. During the installation process, the following window is displayed with a progress bar:




10. When the C-Cast IPConnect suite has been installed, the last dialog box is displayed:
Click **Finish**.



The C-Cast IPConnect suite is installed.

After the installation:



- A C-Cast IPConnect icon has been added to the desktop
- The C-Cast IPConnect application is accessible via the **Start** button > **All Programs** > **Evs Broadcast Equipment** > **C-Cast IPConnect** > **C-Cast IPConnect**.
- A C-Cast IPConnect icon  has been added on the right of the taskbar. When you right click on it, you can access the C-Cast IPConnect menu.

Refer to the C-Cast IPConnect user manual for more information on how to use C-Cast IPConnect.

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