

# Guide For UNION-Broadcast System Plug-In

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Install Guide

Revision 1.0

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## Revision History

Revision	Date	Reason/History	By Whom
V1.0	2023.07.14	Release (Initial Written)	K.M HAN

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# 1 Introduction

## 1.1 Purpose

UNION-Broadcast System is an integrated audio management broadcasting system software that utilizes network speakers, developed by Sunjin Infotech Co., Ltd. The UNION-Broadcast System consists of a server and client structure.

This document describes how to install the Broadcasting Server software and the Broadcasting Client Plug-In installed on the XProtect Smart Client. The Union Broadcast system is basically built based on the environment analysis and design of Sunjin Infotech technology and service engineers, and is provided to customers in the form of an appliance, Such as broadcasting server software settings and device information input are described in 'Administrator Guide', and client-related information is described in the 'User Guide'. This document is not intended to be read by anyone other than Sunjin Infotech employees, employees, partners, and end users.

## 1.2 Definition

- The product is basically provided to the customer in the form of an appliance including hardware.
- System construction is performed by Sunjin Infotech technology and service engineers (on-site or remote support.).
- In order to use this system, a license must be obtained from the manufacturer, Sunjin Infotech Co., Ltd.
- In order to install and use this software, a network and computer environment must be configured.
- The present system can receive an event in conjunction with Milestone Systems' Video Management System.
- Interconnecting device or system may incur charges depending on type and quantity. Please discuss this with Sunjin Infotech sales Team. In addition, the protocols of interlocking devices and systems must be open, and sufficient information and test environment must be provided to Sunjin Infotech.
- The system uses Maria DB and accesses the database using Open Database Connectivity (ODBC).
- The system consists of and manages interconnecting device, an event, a network speaker, and user based on departments.
- The account and department policies used are based on the information set in the Milestone XProtect Management Client.

In order to use UNION-Broadcast Plug-In functions, Milestone XProtect VMS Product and UNION-Broadcast Server software must be installed

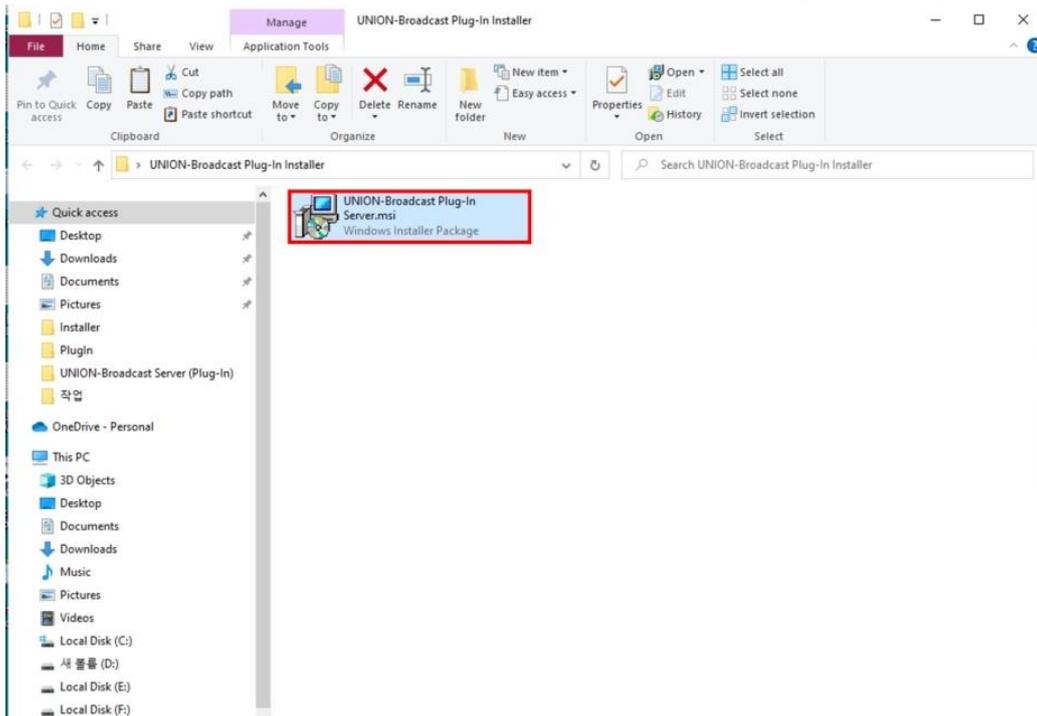
- Broadcast traffic is managed by priority, and it is possible to control the speaker approved by requesting the use of broadcast to the server.
- Union-Broadcast Server software manages users, broadcasting traffic, infrastructure, etc. Union-Broadcast client plug-in installed in XProtect Smart Client can set and control broadcasting and receive various event notifications.

# 2 Union-Broadcast Server Installation

One broadcasting server software is installed in one logical system environment.

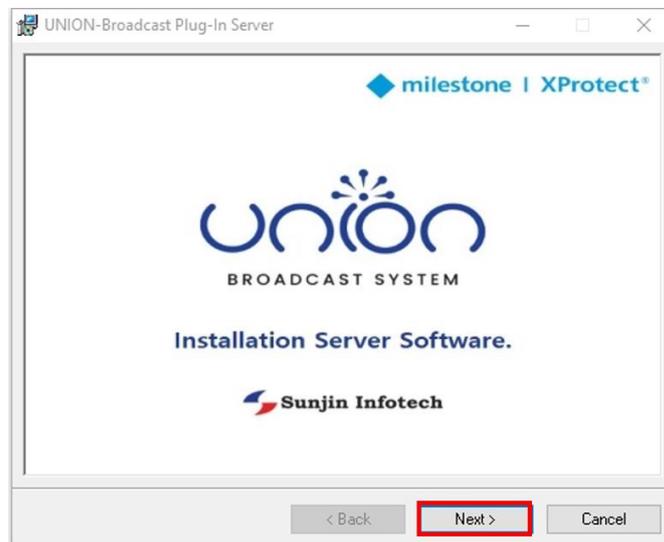
## 2.1 Install package file

The 'UNION-Broadcast Plug-In Server.msi' file is provided by the manufacturer (Sunjin Infotech Co., Ltd.) . It can install UNION-Broadcast Server using this installation file, and if it is already installed, you can use it for repair or delete. (Repair and delete can also be done in Control Panel.Control Panel > Programs > Programs and Features)

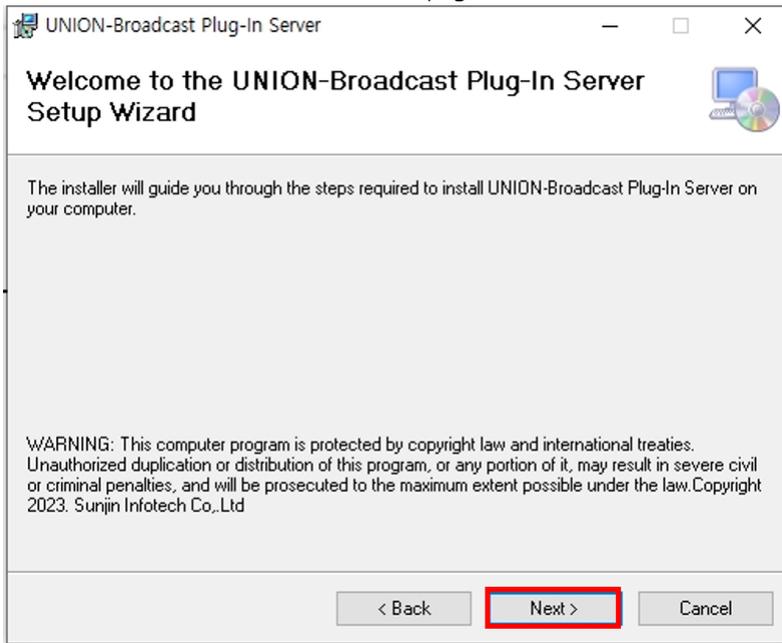


## 2.2 Installation

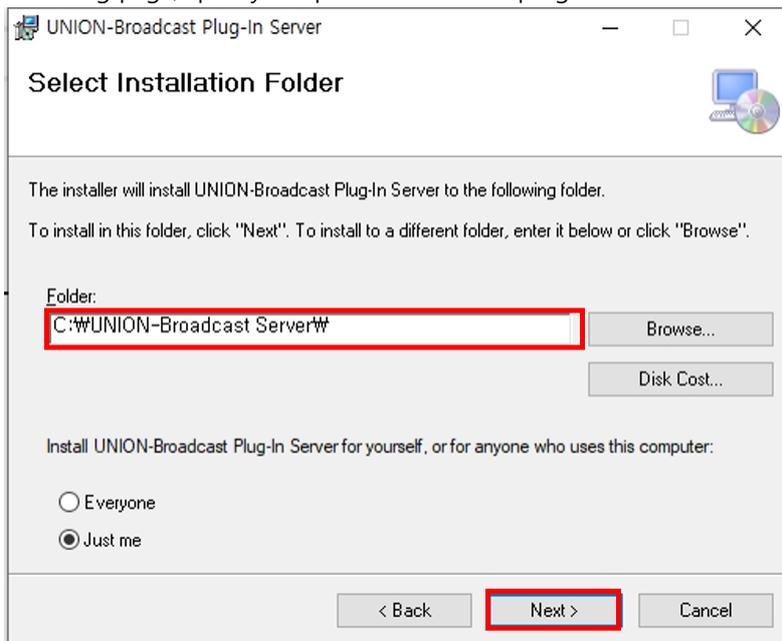
1. When you run the 'Union-Broadcast Plug-In Server.msi' file, Pop-up install windows, the first welcome page is displayed. Click the 'Next' button.



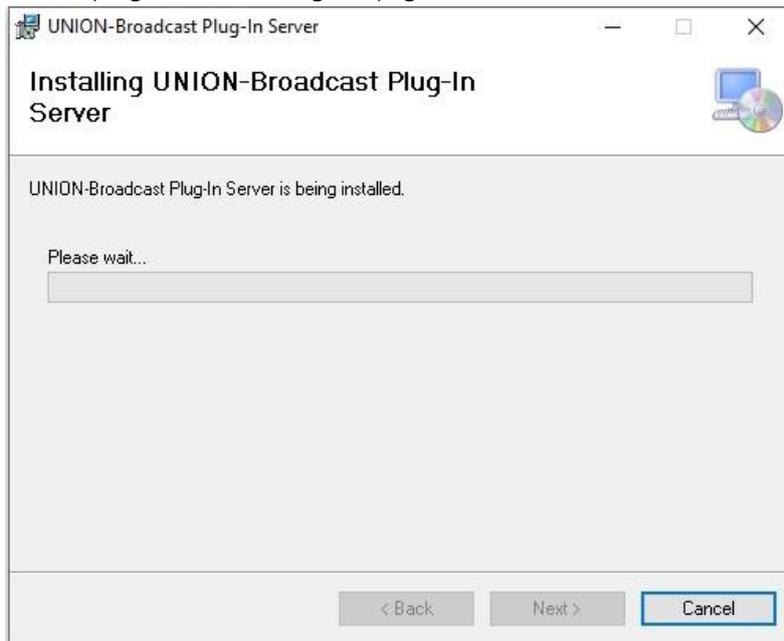
2. After checking the contents in the installation information page, click the 'Next' button.



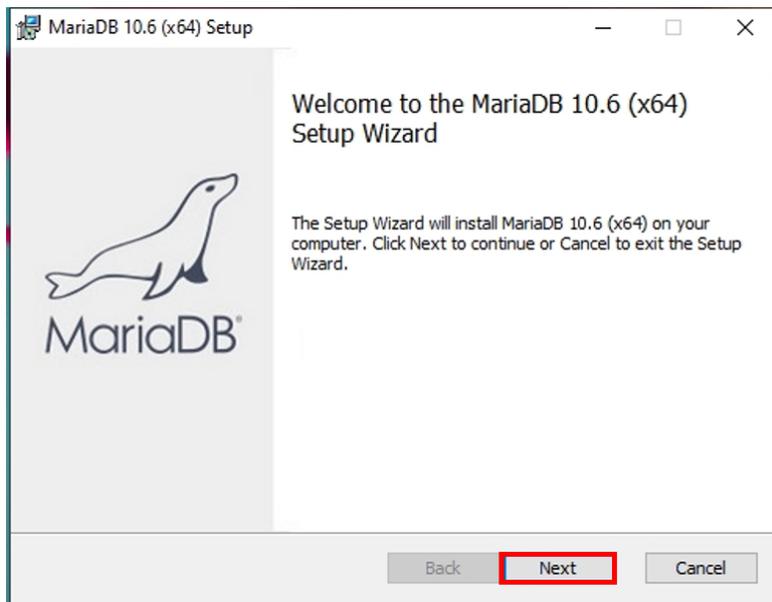
3. In the installation path setting page, specify the path to install the program and click the 'Next' Button.



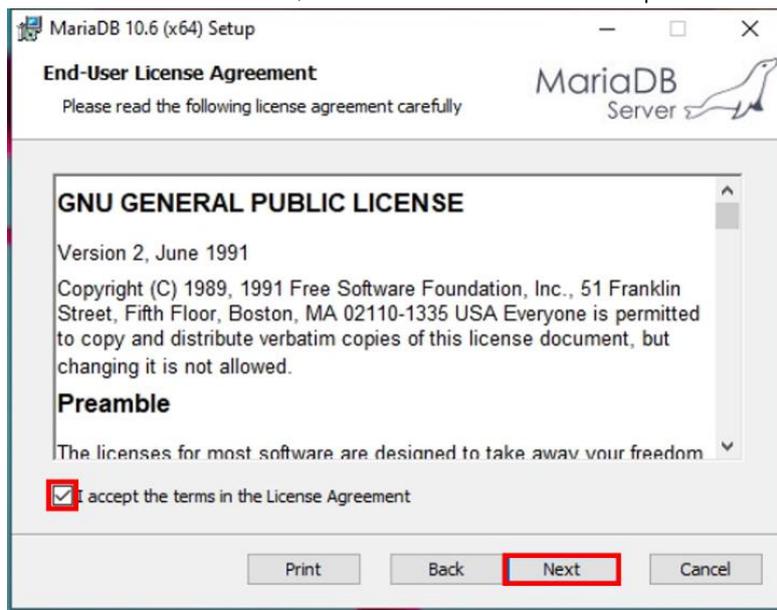
4. It can check the installation progress on the Progress page.



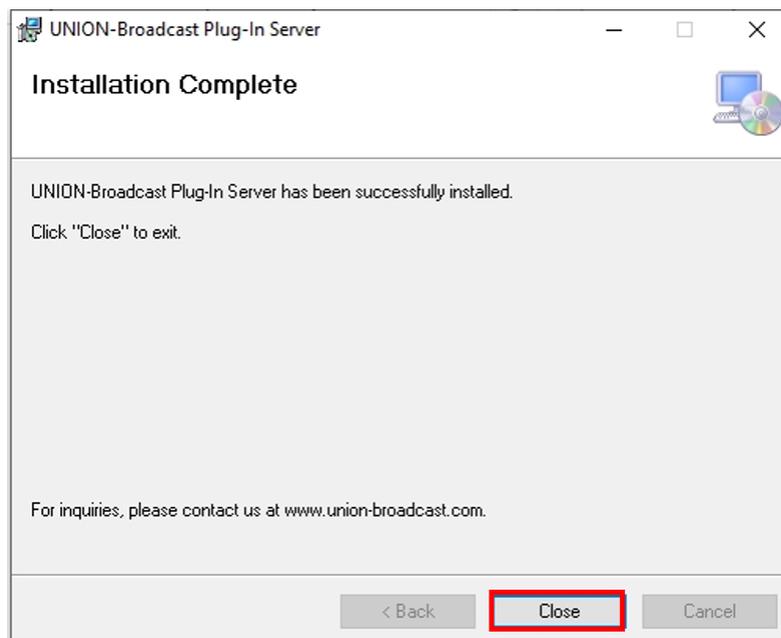
5. As the installation progresses towards completion, the Maria DB Setup wizard is displayed. Click the 'Next' button to proceed with the installation.



6. Check the license terms and checkbox checked, and click the 'Next' button to proceed with the installation.



7. When the installation is complete, including Maria DB, the Installation Complete page is displayed. Click the 'Close' button to end the installation.



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## 2.3 Run Union-Broadcast Server software

When the installation is complete, you can see that Sort cut is created on the desktop. Double-clicking on it to run it starts the union-broadcast server software.



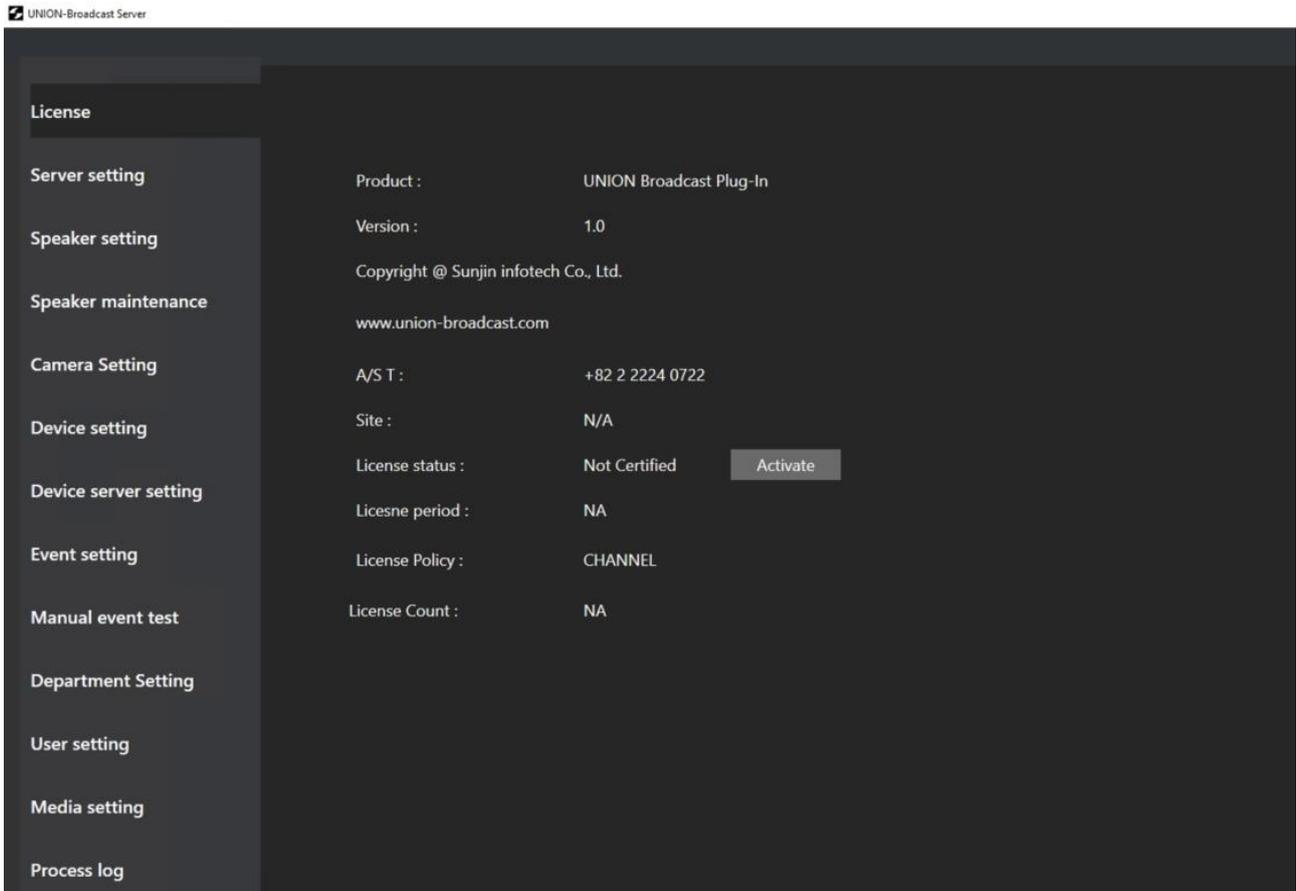
When UNION-Broadcast Server is executed, Milestone XProtect Log in form is displayed as shown below. (Account policy of UNION-Broadcast follows information set in Milestone XProtect Management Client.)

- Server Address: Enter the URL address where XProtect Management Server is installed.
- Authentication: Set to Basic. (Required)
- User Name: Enter the basic authentication ID set in XProtect Management Client.  
(This ID must belong to the Administrator Group.)
- Password : Enter the password of User Name.

A screenshot of the 'Connect to server' dialog box. The dialog has a title bar with a close button (X) and a small icon. The main area contains the following fields and options:

- Server address: A dropdown menu showing 'http://localhost/'.
- Authentication: A dropdown menu showing 'Basic authentication'.
- User name: A text input field.
- Password: A text input field.
- A link labeled 'Change password'.
- Three checkboxes: 'Allow only secure communication' (unchecked), 'Remember password' (checked), and 'Auto-login' (unchecked).
- At the bottom right, there are two buttons: 'Connect' and 'Cancel'.

If login is successful, the UNION-Broadcast Server window will be displayed like this. At first launch, the license information input page is displayed. A license can be issued from the manufacturer (Sunjin Infotech Co., Ltd.), and information on server software including license input is in the 'Administrator Guide'.



# 3 Union-Broadcast Client (Plug-In) Installation

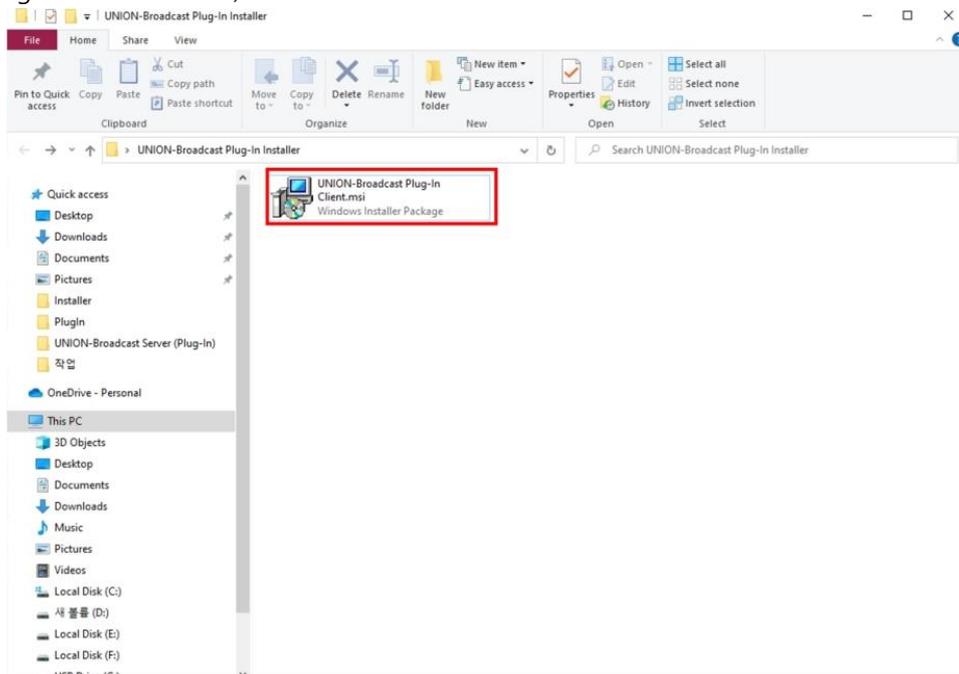
UNION-Broadcast Client (Plug-In) can be installed and used only when XProtect Smart Client is installed.

UNION-Broadcast Client can be installed in the position of all users who want to use it (those authorized by the administrator), and the login account must be different for each user.

## 3.1 Install package file

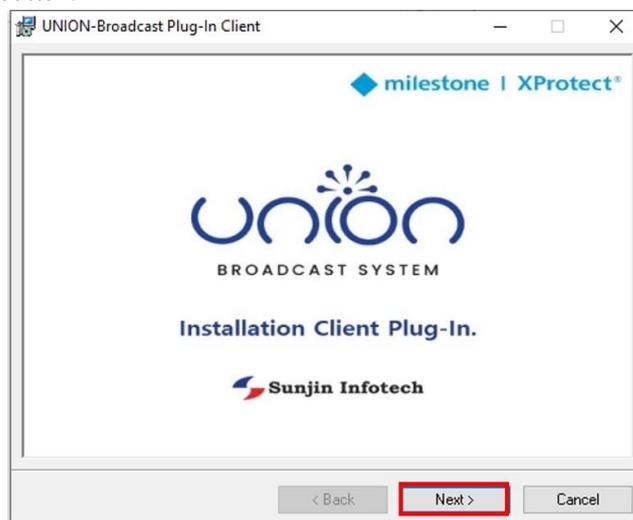
The 'UNION-Broadcast Plug-In Client.msi' file is provided by the manufacturer (Sunjin Infotech Co., Ltd.) .

It can install UNION-Broadcast Client Plug-In on the XProtect Smart Client using this installation file, and if it is already installed, you can use it for repair or delete. (Repair and delete can also be done in Control Panel>Control Panel > Programs > Programs and Features)

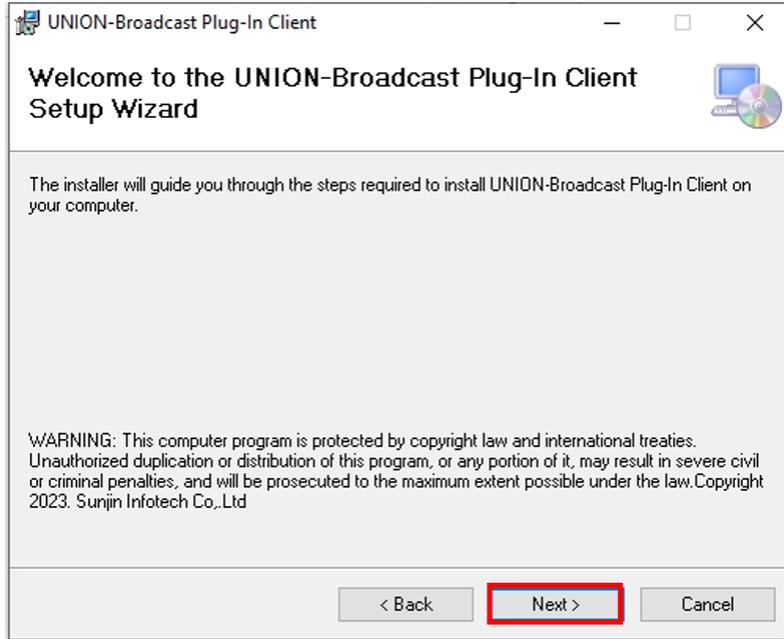


## 3.2 Installation

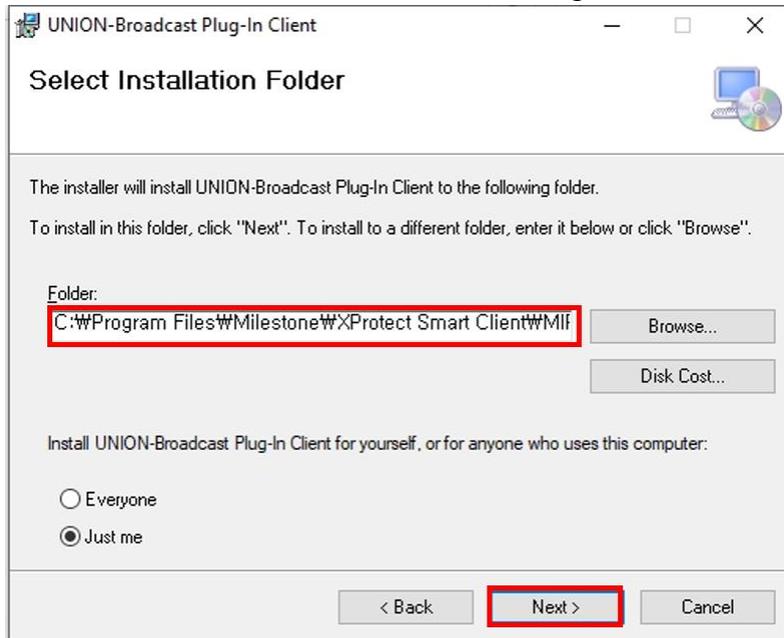
1. When you run the 'Union-Broadcast Plug-In Server.msi' file, Pop-up install windows, the first welcome page is displayed. Click the 'Next' button.



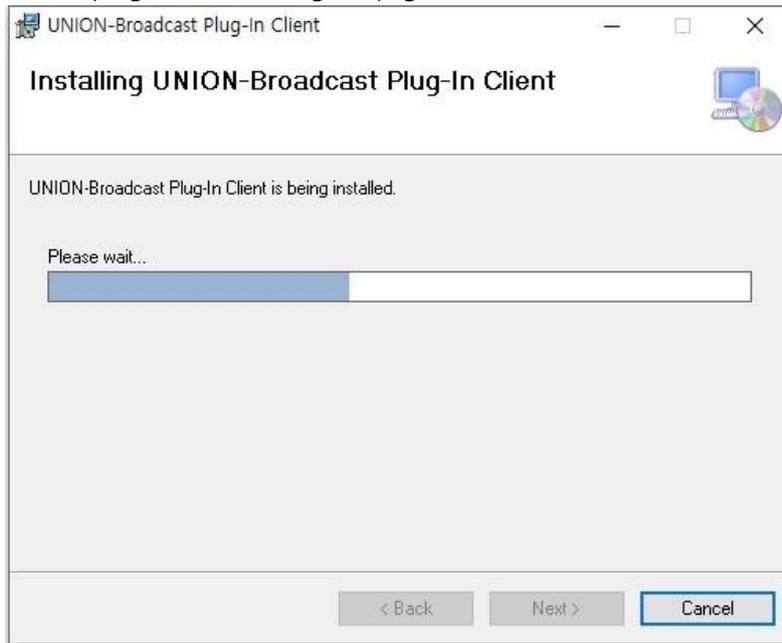
2. After checking the contents in the installation information page, click the 'Next' button.



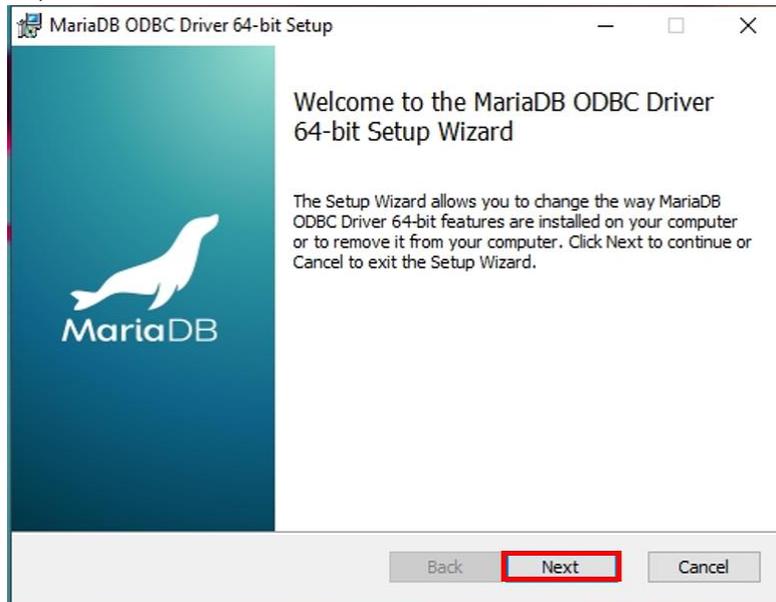
3. In the installation path setting page, specify the path to install the program and click the 'Next' Button. The installation path must include the path to MIPPlugIns, a subfolder of the path where XProtect Smart Client is installed. (ex. 'C:\Program Files\Milestone\XProtect Smart Client\MIPPlugIns\UNION-Broadcast Client')



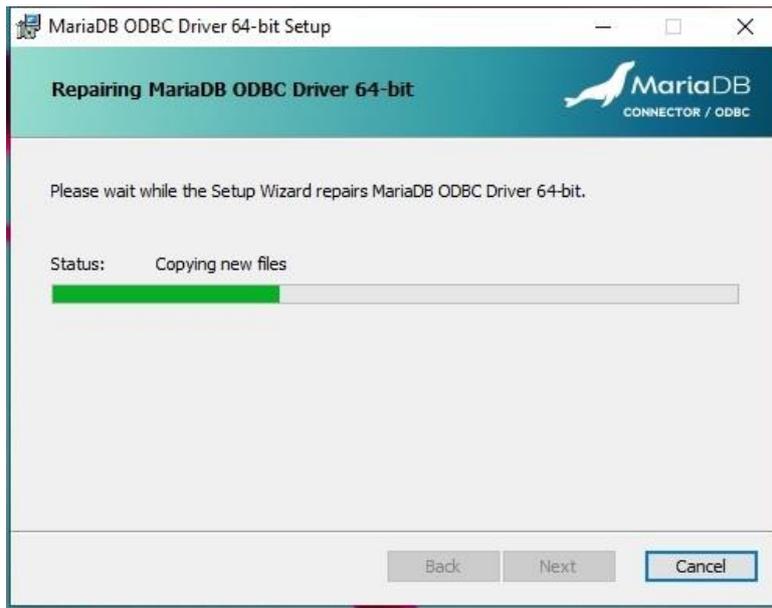
4. It can check the installation progress on the Progress page.



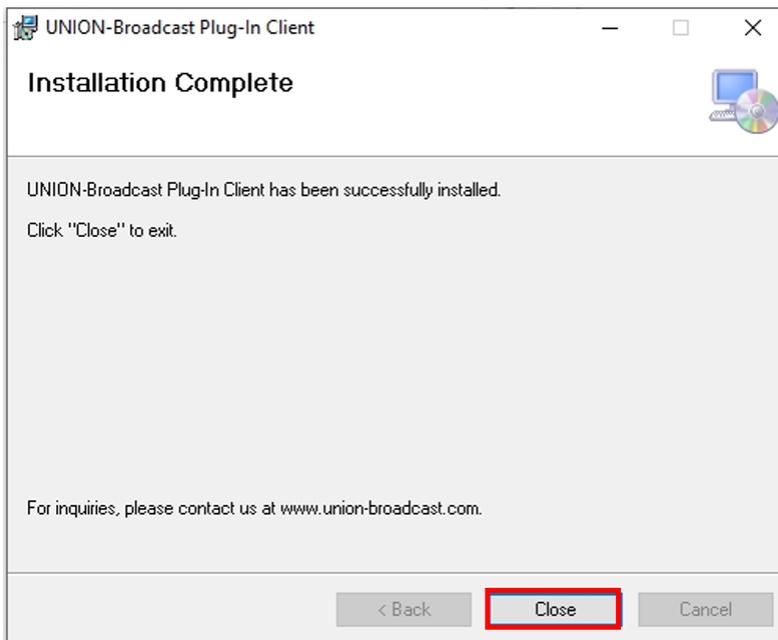
5. As the installation progresses towards completion, the Maria DB Connector (ODBC Driver) Setup wizard is displayed. Click the 'Next' button to proceed with the installation.



6. It can can see that Maria DB Connector is installed.



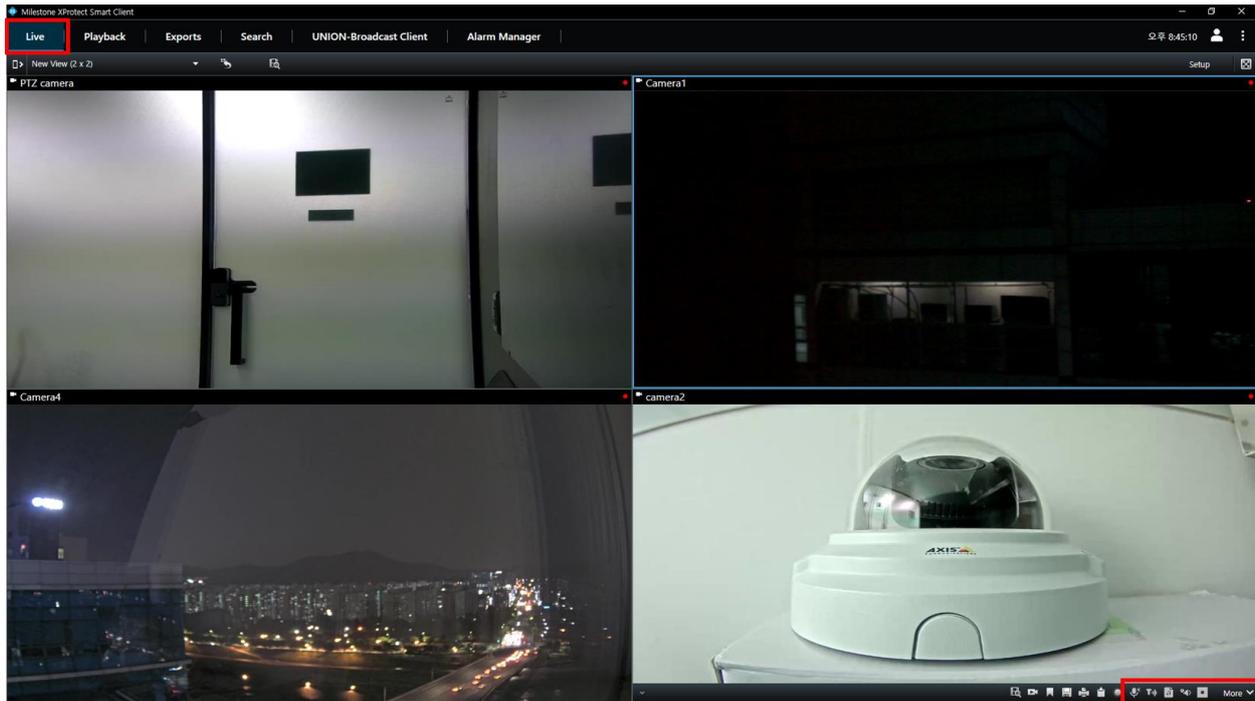
7. When the installation is complete, including Maria DB, the Installation Complete page is displayed. Click the 'Close' button to end the installation.



### 3.3 Run XProtect Smart Client (Union-Broadcast Client Plug-In)

When the installation is complete, Start the XProtect Smart Client. (Before that, UNION-Broadcast Server must be installed and running.). When logging in, you must log in as Basic and users must use different accounts. information on Union-Broadcast Client in the 'User Guide'.

If you run XProtect Smart Client, hover your mouse over the video in the Live Tab, and you will see union-broadcast client icons added to the Toolbar Icon. Also, you can see that the UNION-Broadcast Client Tab has been added to the Tab at the Tab area.



If you select the UNION-Broadcast Client Tab, you can experience various UNION-Broadcast Client functions on the displayed page.

