



MDT Integration

v. 1.0

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1 Introduction

The MDT Integration application extends the Mobile Recorder interface to your Mobile Data Terminal (MDT). This allows you to interact with the In-car Video unit (or ICV) without the need for an additional display. This installation document will provide you with the steps to successfully install the MDT Integration application.

NOTE: MDT and MDC are interchangeable terms and are used throughout this document.

2 Getting Started

You will need the following to successfully install MDT Integration

- EDGE Classic/SD/HD ICV Configured for MDT Integration
- MDT Integration installation file (MDTIntegrationSetup.exe)
- Install VLC 2.2.6. VLC version 3.x is not supported
- A user with administrative access is required to install this application
- An MDT/MDC with Windows 7 or higher OS and an Ethernet port
- An ethernet cable. This must be a dedicated cross-over cable.
- If the MDT/MDC is a laptop or other removable PC device, an in-car docking station for your MDT/MDC is highly recommended to prevent damage to the network cable from frequent disconnects.
- Disable any antivirus applications on your MDT/MDC during installation and configuration.
- If you are using Net Motion or similar network managing software, make sure the proper policies or rules are in place to allow the MDT/MDC to properly communicate with the ICV.

NOTE: The MDT Integration software depends on the MDT Network interface having an IP address of 192.168.0.1 and the ICV IP address of 192.168.0.2. If you are unable to use these addresses and require different values, follow the instructions under the section **Configure MDT Integration with a Custom IP Address**. Make sure to substitute these new values where you are instructed to use 192.168.0.1 or 192.168.0.2 in the following documentation.

2.1 Downloading the required files

You can access the files you need for this review on our support site, <http://kb.cobantech.com>. This site requires a login. If you do not already have a login for this site, please reach out to our Tech Support team. See the section at the end of this document titled "Obtain COBAN Support" for information on how to contact them.

Go to the web address <http://kb.cobantech.com/updates/mobilerecorder> to download the latest installation files and information.

3 Setup MDT Integration on your MDT/MDC Device

3.1 Before You Begin

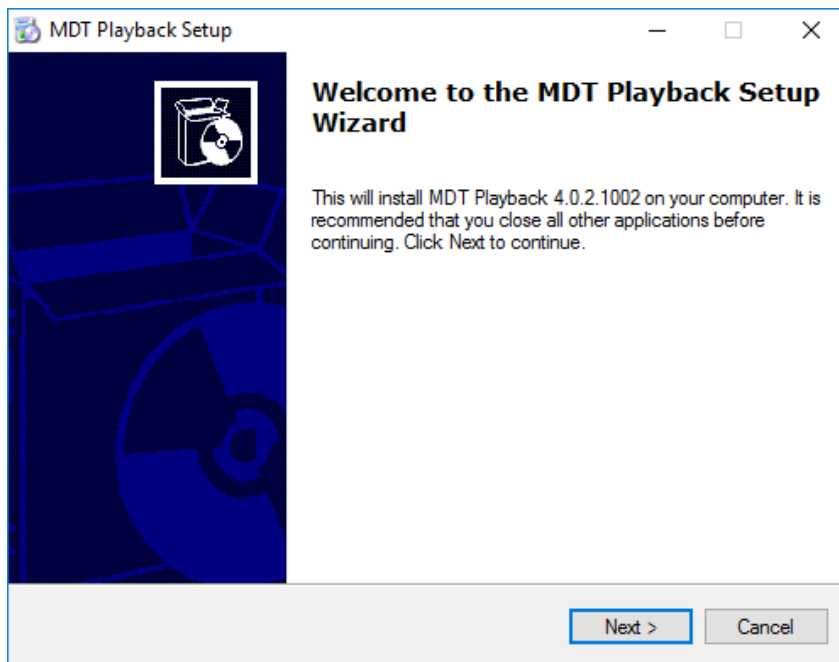
Before you begin the MDT integration, follow these steps:

1. Verify the MDT Integration option is enabled in your ICV's template. Refer to your DVMS Back Office Administrator Guide for instructions on how to setup a template.
2. Ensure your Edge SD/HD unit is checked out to a template that is set-up for MDT Integration.
3. Verify that the IP configuration for your MDT/MDC is set to 192.168.0.2 with a subnet mask of 255.255.255.0. You do not need to enter a gateway or DNS address.

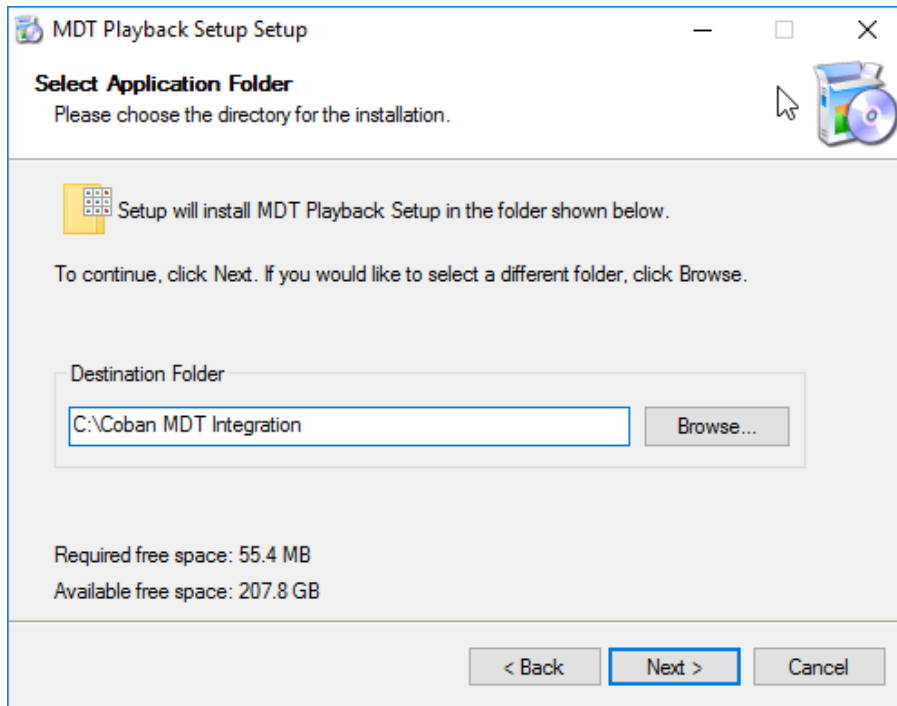
3.2 Install Software

To set up your Edge for MDT integration, follow these steps:

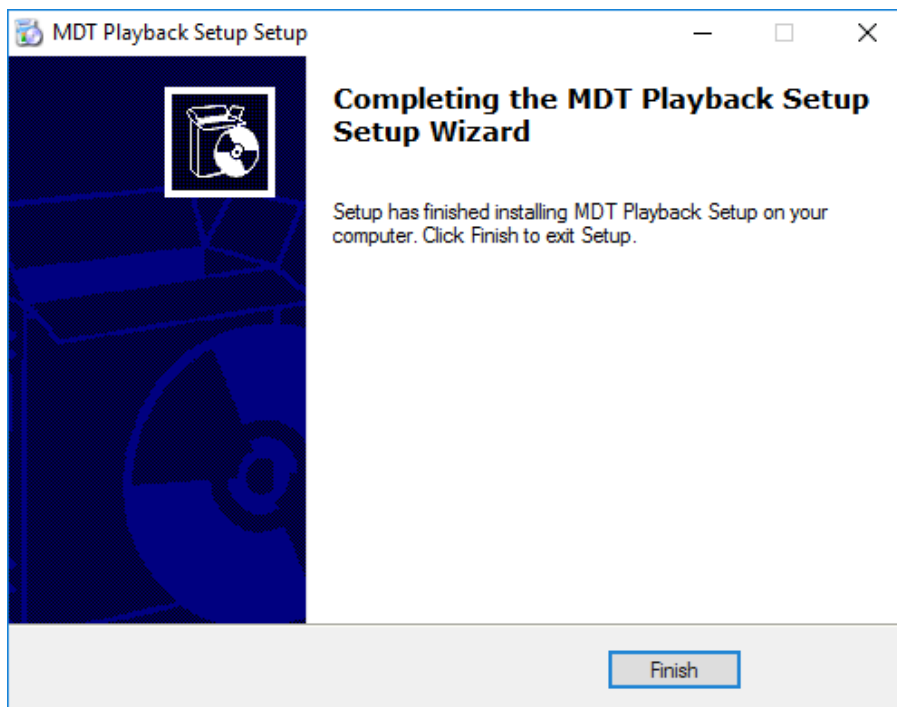
1. Download and launch **MDTIntegrationSetup.exe**. The **Welcome** screen of the MDT Playback Setup wizard is displayed.



2. Click **Next**. The **Select Application Folder** screen is displayed.



3. In the **Destination** Folder field, accept the default path of **C:\Coban MDT Integration**. **THIS IS CRITICAL!**
4. Click **Next**. The **Completing** screen is displayed.

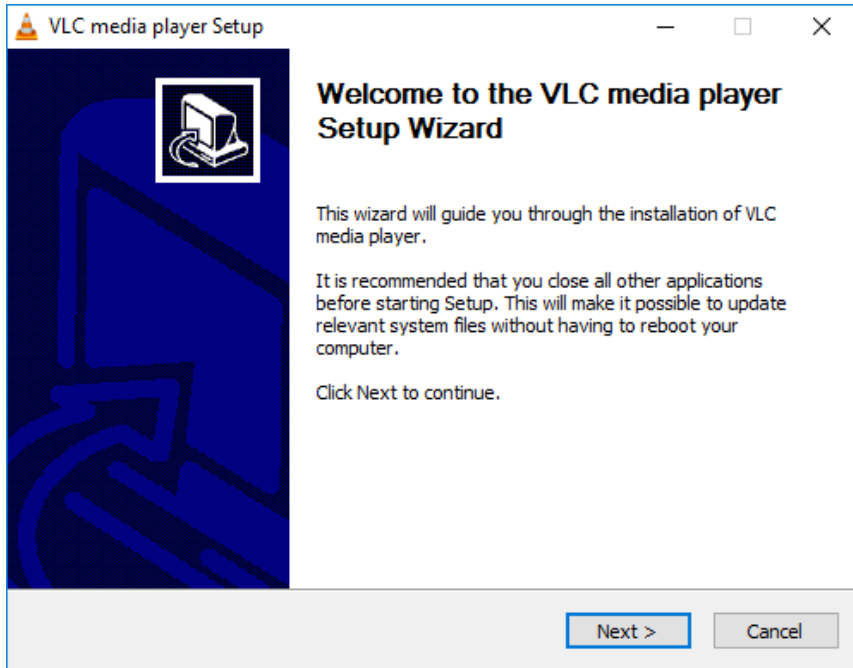


5. Click **Finish**.

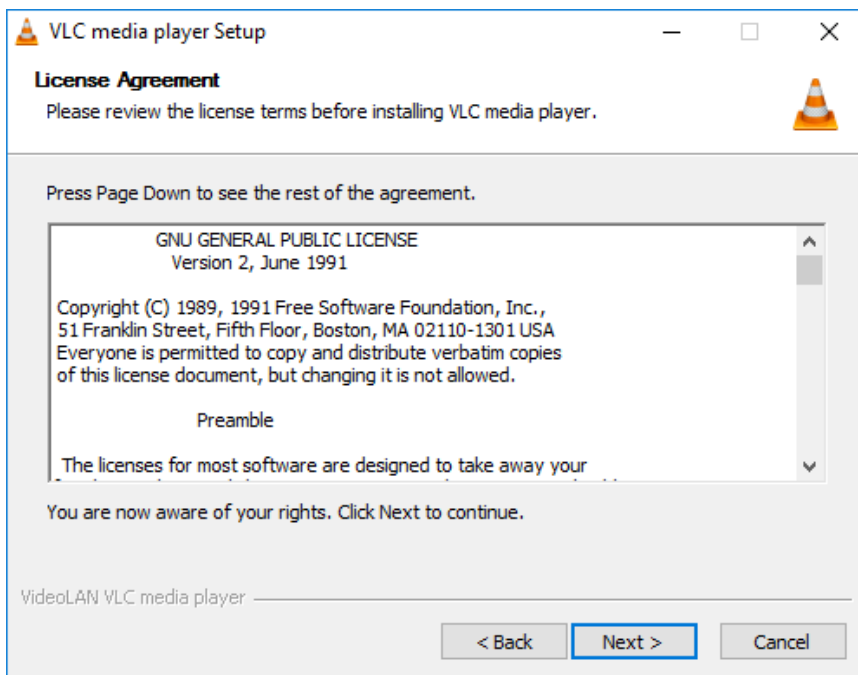
3.3 **Install VLC 2.2.6**

Note: VLC 3.x is not supported. The latest supported version is VLC 2.2.6

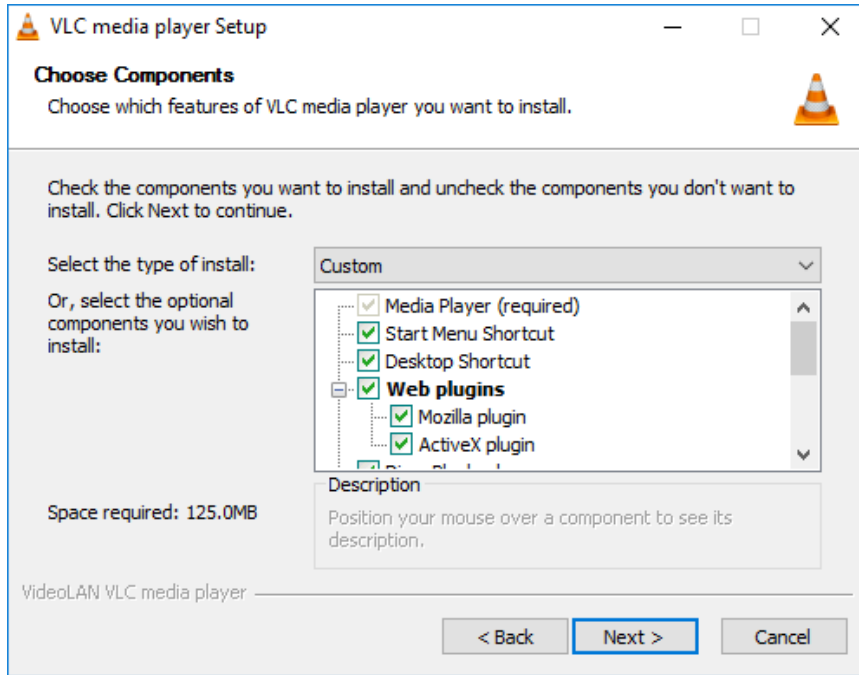
1. Run **vlc-2.2.6-win32.exe**. The **Welcome** screen is displayed.



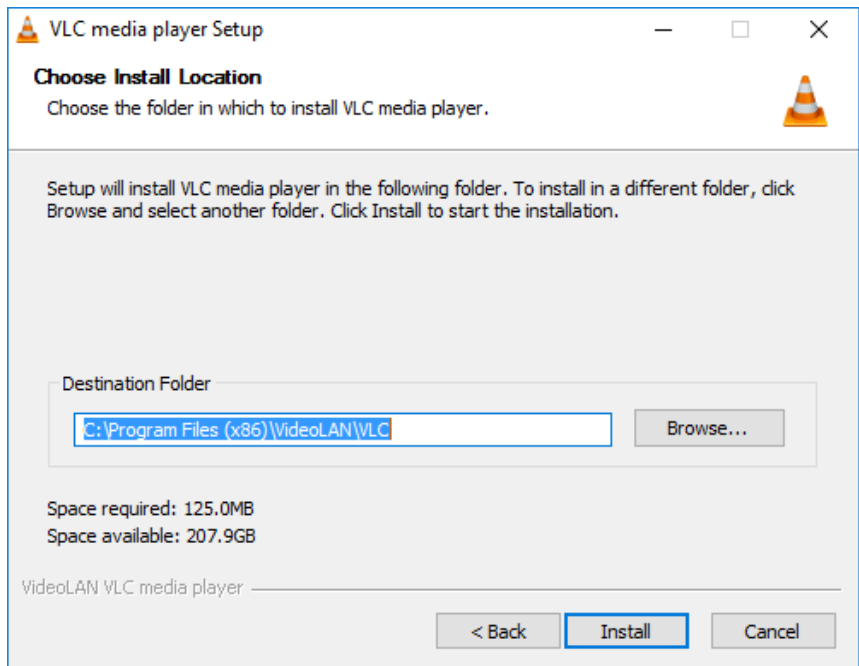
2. Click **Next**. The **License Agreement** screen is displayed.



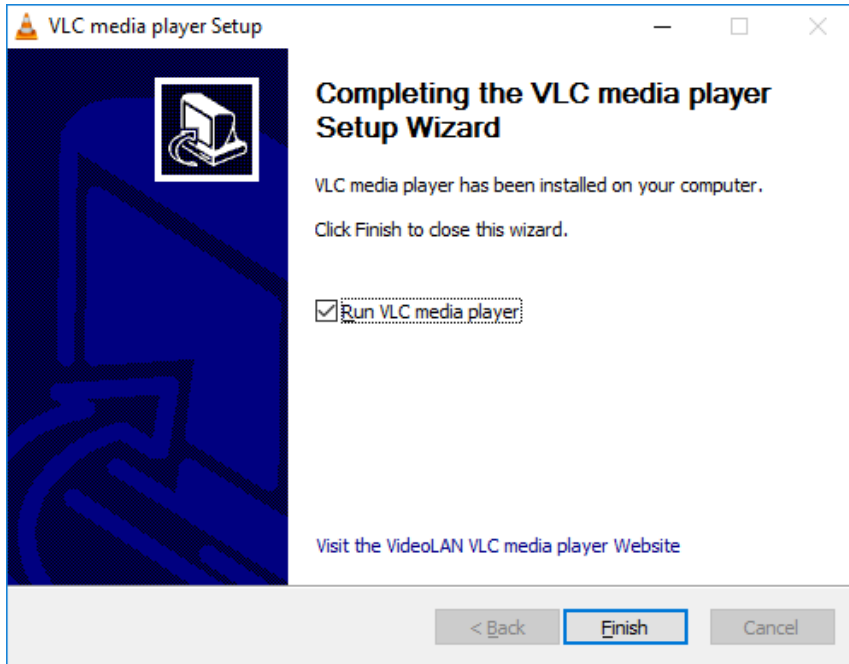
3. Click **Next**. The **Choose Components** screen is displayed.



4. Choose which features of VLC media player you want to install, then click **Next**. The **Choose Install Location** screen is displayed.



5. Accept the default location, then click **Install**. The Completed screen is displayed.



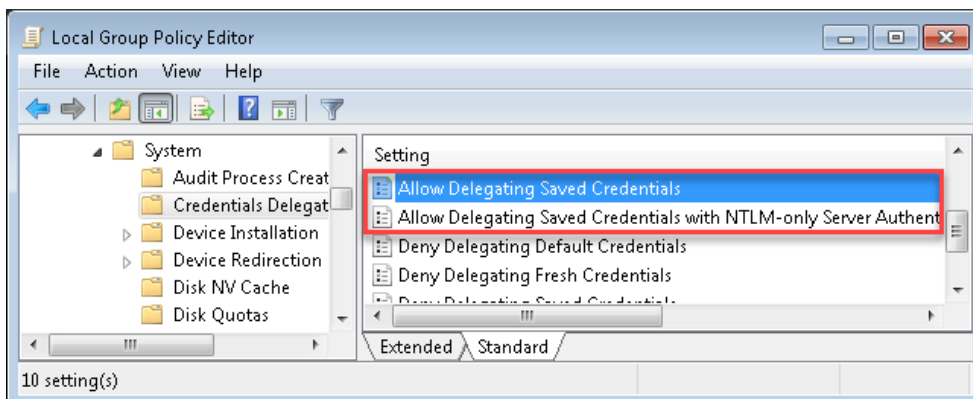
6. Click **Finish**.

3.4 Saved Credentials Delegation

Note: The MDT Integration software will make a connection to the ICV using an Remote Desktop (RDP) connection, and will connect to a network share using a username and password on the ICV. To ensure this connection is allow, you must add the ICV's IP address to your MDT's local Credentials Delegation policy.

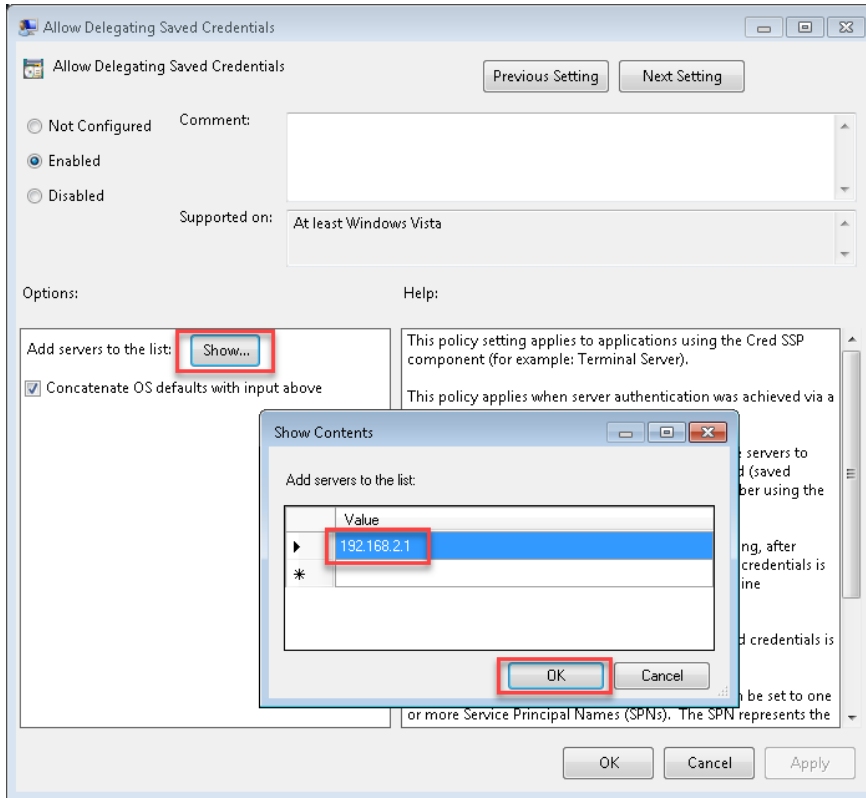
To delegate credentials, follow these steps:

1. Press **Win+R** to launch the **Run** dialog, enter **gpedit.msc**, then click **OK**. The Local Group Policy Editor screen is displayed.
2. From the navigation tree, select **Computer Configuration > Administrative Templates > System > Credentials Delegation**.
3. Enable **Allow Delegating Saved Credentials** and **Allow Delegating Saved Credentials with NTLM-only Server Authentication**.



4. Double-click **Allow Delegating Saved Credential** setting, then enter the IP address of the Edge. The **Allow Delegating Saved Credentials** screen is displayed.

5. Click **Show**. The **Show Contents** screen is displayed.



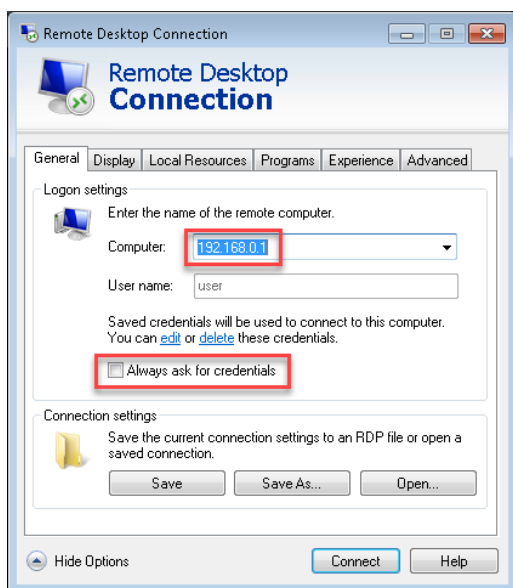
6. Enter the IP address of the Edge, then click **OK**.

7. Repeat these steps for the **Allow delegating saved credentials with NTLM-only server credential**.

3.5 MDT Integration with a Custom IP Address

The MDT Integration software depends on the MDT Network interface having an IP address of 192.168.0.1 and the ICV IP address of 192.168.0.2. If you are unable to use these addresses and require different values, follow these instructions to modify the required files to use the new IP configuration.

1. Open File Explorer and browse to **C:\Coban MDT Integration**
2. Open the file **ipaddr.txt**
3. Change the IP address in the first row to your ICV's IP address
4. Change the the IP address in the second row to your MDT's IP address
5. Save this file
6. Right-click the file **topcam.rdp** and choose edit



7. Enter the ICV's IP address into the Computer field
8. De-select **Always ask for credentials**, then choose **Save** under **Connection Settings**.

3.6 Using Edge Classic for MDT Integration

Note: The MDT Integration software is setup to be used to connect to the EDGE HD. If you are connecting your MDT to and EDGE Classic, you must do the following:

1. Open File Explorer and browse to **C:\Coban MDT Integration**
2. Open the file **ICV.txt**
3. Change the value in the first row to **Classic** (case sensitive)
4. Save this file

4 Setup your Mobile Recorder ICV for MDT Integration

Your ICV may need to be configured to accept remote connections for MDT Integration. If you are unable to connect, check the following:

- *Remote Desktop connection is allowed*

- Your network interface has the proper IP address

4.1 Getting Started

To configure your ICV, you will need the following:

1. Administrative access to the ICV
2. Keyboard (and optionally a mouse)

4.2 Login with Administrative Access

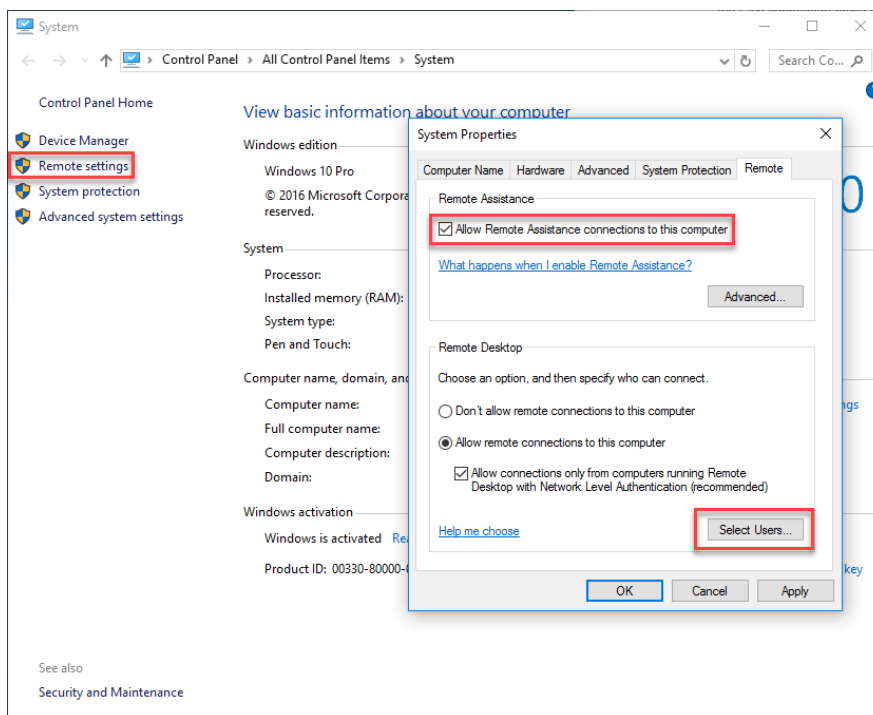
1. Plug in a keyboard and mouse. If you decide to not use a mouse, you can use the touch screen to navigate.
2. Power on the ICV
3. When the Mobile Recorder login displays, press the ESC key twice to close the application
4. Log off of the User account
5. Log in using coban as the user and cobantech as the password. If you are configuring an Edge Classic, use the user administrator and cobantech as the password.

4.3 Configure ICV for MDT Integration

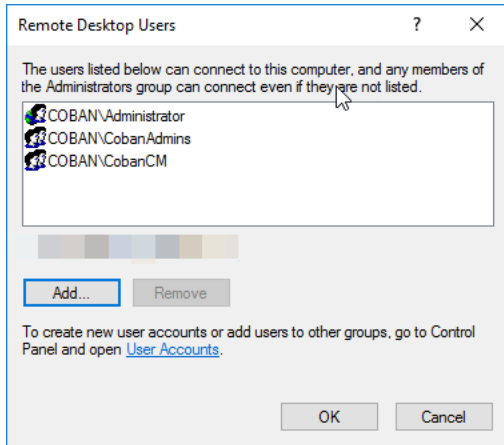
Enable Remote Desktop connection

To enable remote settings, follow these steps:

1. Click **Start**.
2. Right-click **My Computer**, then choosing properties.
3. Choose **Remote Settings**, then choose **Allow remote connection from all versions**.



4. Click **Select Users** and add “user” and “coban” to the allowed list.



5. Set the IP on the Edge SD/HD LAN. Use the LAN port that is directly above the USB ports on the back of the Edge SD/HD to set the appropriate settings. The default is 192.168.0.1/ 255.255.255.0. No gateway or DNS is necessary.

5 Obtain COBAN Support

COBAN offers the following ways to obtain support. Before you contact us, please have the following information ready to provide Support:

- Department Name
- Name of the registered contact with COBAN. If not registered within our system as an authorized contact, contact your project manager and request to be added to our contact list. Failure to do so may delay support assistance.
- Best contact number and preferred contact time
- Error Code/Description of issue you are experiencing
- Troubleshooting steps already taken

To obtain COBAN support:

Call support at **281-925-0488**, then select **Option 2**. You can hold for immediate assistance or leave a voicemail for COBAN Support to respond as soon as possible.

Mon-Fri 8:00am to 6:00pm Central Standard Time (CST)

Email Support at hwsupport@cobantech.com and include a detailed description of the issue you are experiencing. Also include any troubleshooting steps you have taken to resolve the issue. Support may request additional information or troubleshooting.

Submit a Ticket via our Website at <https://www.cobantech.com/support> and provide a good description of the issue you are experiencing and what troubleshooting steps have been taken in the comments section before submitting the form. Support may request additional information or troubleshooting.

Search our knowledge base at <http://kb.cobantech.com/> for resolutions to known issues, documents, manuals and more. Login is required for access to COBAN's knowledge base. If you do not have login credentials, please request one from support at hwsupport@cobantech.com. Ensure you are a registered COBAN contact before requesting access.

