Deployment

Reference Guide

Pleora Technologies

Driving vision applications

Ver 1.1 and later

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About

This guide describes how you can deploy your eBUS Driver Suite on your customer-ready system.

To provide eBUS to your customers:

1. Record an Installshield install script for the eBUS Driver Suite. See “Creating an eBUS installer script” on page 9.
2. Create your own custom installer that runs the Installshield script (and installs any other software you wish to provide). See “Running an eBUS installer script” on page 10.

To use eBUS, your customers must:

1. Install the eBUS Driver Suite and any other software you provide.
2. Install eBUS drivers on specific NICs (network interface cards) using the eBUS Driver Installation Tool. See the *eBUS Quick Start Guide*.

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Installing the eBUS Driver Suite

The eBUS installer features a record mode that lets you record the steps to install the eBUS Driver Suite on a PC, then replicate them on another PC, without requiring user intervention. Thus, you can silently install the eBUS Driver Suite on your customer's PC.

The eBUS installer is generated with InstallShield. To learn more about InstallShield-generated installer options, see http://helpnet.installshield.com/robo/projects/installshield12helplib/IHelpSetup_EXECmdLine.htm

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Command-line arguments for the eBUS installer

The eBUS installer supports command-line operation and accepts the following arguments:

`/s`
: Run in silent mode (no dialog prompts).

`/f1:`*scriptFilename*
: The path and filename of the eBUS Driver Installation Tool configuration script.

`/f2:`*logFilename*
: The path and filename of the output log file.

`/r`
: Record an install script. If `/f1` isn't specified, the file is saved as `C:\WINDOWS\setup.iss`.

Creating an eBUS installer script

To create an eBUS installer install script:

1. Obtain a clean PC (a PC that has never had eBUS drivers installed).
2. Copy the `EthernetBus_`*`version`*`.exe` file to a local directory, *`myFolder`*. (If the installer is part of an installer that contains multiple packages, such as the `iPORT_IPEngineSDK_`*`version`*`.exe` file for the iPORT Vision Suite, open it with WinZip™ and extract only `EthernetBus_`*`version`*`.exe` to *`myFolder`*.)
3. From the Windows Start menu, select **Start** > **Run**.
   The **Run** dialog appears.
4. In the **Open** field, type `cmd`, then click **OK**.
   A command prompt dialog appears.
5. In the command prompt, type the following:
   ```
   cd \myFolder
   EthernetBus_version.exe /r
   ```
6. Install the eBUS Driver Suite.
   The eBUS installer creates the InstallShield script as saves it as `C:\WINDOWS\setup.iss`.

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Running an eBUS installer script

To silently install the eBUS Driver Suite on a PC:

1. Create the install script. See “Creating an eBUS installer script” on page 9.
2. From the Windows Start menu, select **Start** > **Run**.
   The **Run** dialog appears.
3. In the **Open** field, type `cmd`, then click **OK**.
4. A command prompt dialog appears.
5. Change to the directory in which the EthernetBus_version.exe file is located.
6. In the command prompt, type the following:

```
EthernetBus_version.exe
                /s
                /f1:scriptFolder/setup.iss
                /f2:logFolder/ebus_install_log.txt
```

   The eBUS installer installs the eBUS Driver Suite.

To install a driver for a specific NIC:

- Use the eBUS Driver Installation Tool. See the *eBUS Quick Start Guide*.

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Technical support

For additional help, see the “Technical support” section in the *eBUS Quick Start Guide*.

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