VECTOR >

Administration Manual
CANoe/CANalyzer MSI Setup

Version 11.0.3
English

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1 Introduction

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In this chapter you find the following information:

1.1 MSI Setup at a Glance

This document provides an installation guide for IT departments who want to install Vector CANoe/CANalyzer silently on target machines using software deployment systems. It is assumed that the reader is familiar with the Windows Installer technology and the software deployment system used. After depicting the necessary Setup Prerequisites, this document explains how the public properties of the installer can be configured in order to install the required application components and how embedded transforms can be used to setup multiple instances of CANoe and CANalyzer alongside on the same machine. This document applies to CANoe/CANalyzer version 11.0 and up. For an updated version of this document please always check the documentation that came with your product before packaging the application as some items mentioned here are version dependent (e.g. updated installation prerequisites).

> **Note**
>
> ► Unlike previous CANoe/CANalyzer versions, there is no longer just one Windows Installer database for CANoe and CANalyzer, but there is one database each for CANoe (CANoe64.msi) and CANalyzer (CANalyzer64.msi). Nevertheless, the term CANoe/CANalyzer is used for readability.
>
> ► The sample configurations are no longer part of the CANoe/CANalyzer Windows Installer databases. Instead, there are separate installation packages for CANoe sample configurations and for CANalyzer sample configurations.
>
> ► Beginning with version 11.0 of CANoe/CANalyzer it is also possible to perform a silent installation using the installation program (e.g. SetupCANoe64.exe). The document Administration Manual - CANoe/CANalyzer Setup provides a reference on how the installation program can be used.

Important Notes for Silent Installation

When silently installing CANoe/CANalyzer using MST transforms, make sure that all files and folders from the installation media's \CANoe or \CANalyzer folder are present in the folder from where the CANoe64.msi / CANalyzer64.msi will be called by your setup scripts (typically a network share or a local temporary folder on the target system).

Roaming User Profiles

Roaming user profiles are not supported by CANoe/CANalyzer. It is highly recommended to execute the installation on local user profiles only. Usage of roaming profiles may lead to:

► Inconsistencies of installations, including prerequisites

► Malfunction of future CANoe/CANalyzer updates

1.2 About this User Manual

1.2.1 Conventions

In the two tables below you will find the notation and icon conventions used throughout the manual.

Style	Utilization
bold	Fields/blocks, user/surface interface elements, window- and dialog names of the software, special emphasis of terms **[OK]** Buttons in brackets **File|Save** Notation for menus and menu commands
Microsoft	Legally protected proper names
`Source Code`	File and directory names, source code, class and object names, object attributes and values
Hyperlink	Hyperlinks and references
<CTRL>+<S>	Notation for key combinations

Symbol	Utilization
!	Dangers that could lead to damage
i	Notes and tips that facilitate your work
→	More detailed information
(icon)	Examples
(icon)	Step-by-step instructions
(icon)	Text areas where changes of the currently described file are allowed or necessary
(icon)	Files you must not change
(icon)	Multimedia files e.g. video clips

Symbol	Utilization
	Introduction into a specific topic
	Text areas containing basic knowledge
	Text areas containing expert knowledge
	Something has changed

1.2.2 Certification

Vector Informatik GmbH has ISO 9001:2008 certification. The ISO standard is a globally recognized standard.

1.2.3 Warranty

We reserve the right to modify the contents of the documentation or the software without notice. Vector disclaims all liabilities for the completeness or correctness of the contents and for damages which may result from the use of this documentation.

1.2.4 Support

You can get through to our hotline at the phone number

+49 (711) 80670-200

or you send a problem report to the Vector Informatik GmbH Support.

1.2.5 Trademarks

All brand names in this documentation are either registered or non registered trademarks of their respective owners.

2 Setup Prerequisites

In this chapter you find the following information:

2.1 Overview

Prerequisites	Several prerequisites must be met in order to install and/or use CANoe/CANalyzer. Those prerequisites will be listed in the following sections. Please ensure that every client meets these prerequisites before installing CANoe/CANalyzer.
Setup Programs	You can find the setup programs for all prerequisites in the setup directory on your CD under `CANoe\Files`. The setup programs reside in individual directories. Chapter Location of installation files on DVD provides a reference on where to find the setup programs.

2.2 NET Framework 3.5 SP1

Prerequisites	The .NET Framework 3.5 SP1 needs to be installed in order to use CANoe/CANalyzer.

Installation Check	To check if the .NET Framework is installed you can check if the following registry key is present:
	
	`HKEY_LOCAL_MACHINE\SOFTWARE\\Microsoft\\NET Framework Setup\\NDP\\v3.5`
	
	If this registry key exists, the .NET Framework 3.5 is installed (this could also be 3.5 without any Service Pack). Please note that this registry key also exists, when a higher version of the .NET Framework is installed.
	
	Additionally, the following value must appear below this key and its value must be 1 or greater to be sure that SP 1 is installed:
	
	`SP = 1`
	
	Note
	The .NET Framework 3.5 SP1 is delivered with Windows 7 SP1. You must use **Turn Windows features on or off** in the Control Panel to install or configure Microsoft .NET Framework 3.5 SP1.
	
	For more information on this, see http://social.msdn.microsoft.com/Forums/en-US/netfxsetup/thread/35d348e5-192e-4fa2-a45a-c1c2175ce111/.
	
	Note
	The .NET Framework 3.5 SP1 is **not delivered** with Windows 8. You must use **Turn Windows features on or off** in the Control Panel to install or configure Microsoft .NET Framework 3.5 SP1.
	
	For more information on this, see http://msdn.microsoft.com/library/vstudio/hh506443.

2.3 Windows Updates for .NET Framework 3.5 SP1

Prerequisites	After installing the .NET Framework 3.5 SP1 it is recommended to immediately install also the update KB959209 in order to address a set of known application compatibility issues. This update consists of several files which are provided for each relevant target system. See http://support.microsoft.com/kb/959209/en-us for details.
Installation Check and Installation	It is assumed that there is a strategy for installing Windows updates on your client computers and that there are rules on how such Windows updates shall be applied. Thus no further information on this topic is given here.

2.4 CANoe/CANalyzer Redistributables

Prerequisites	Some CANoe/CANalyzer Redistributables need to be installed to use CANoe/CANalyzer. These Redistributables do not bring their own setups so that they are integrated in one single Windows Installer packet.
Installation Check	There is no check needed. Just install the redistributable package. The package itself checks which Redistributables need to be installed.
Installation	Install the **CANoeCANalyzerRedistributable.msi** packet before installing the CANoe/CANalyzer MSI packet. **Note** CANoe/CANalyzer Redistributables must only be installed on 32 bit operating systems.

2.5 CANoe/CANalyzer Redistributables for 64 Bit Operating Systems

Prerequisites	Some CANoe/CANalyzer Redistributables need to be installed to use CANoe/CANalyzer on 64 bit operating systems. These Redistributables do not bring their own setups so that they are integrated in one single Windows Installer packet.
Installation Check	There is no check needed. Just install the redistributable package. The package itself checks which Redistributables need to be installed. **Note** CANoe/CANalyzer Redistributables Package for 32 bit operating systems has to be uninstalled before you install the 64 bit package. The 32 bit package can be identified by its product code: {FF9E31CF-F433-48FD-989E-A6E9A3FCFC01}.
Installation	Install the CANoeCANalyzerRedistributable_x64.msi packet before installing the CANoe/CANalyzer MSI packet on 64 bit operating systems.

2.6 Microsoft Visual C++ 2005 SP1 Redistributable

Installation Check	To verify that the Microsoft Visual C++ 2005 SP1 Redistributables are installed, check if the software with the following product code is installed: `{7299052b-02a4-4627-81f2-1818da5d550d}`
Installation	To install the Microsoft Visual C++ 2005 SP1 Redistributables silently, use the following command: `vcredist_x86.exe -Q -C:"msiexec /I vcredist.msi /q"`

2.7 Microsoft Visual C++ 2008 Redistributable

CANoe/CANalyzer v7.2 SP1	Effective with CANoe/CANalyzer v7.2 SP1 you also have to have the Microsoft Visual C++ 2008 redistributables package installed.
Installation Check	To verify that the Microsoft Visual C++ 2008 redistributables are installed, check if the software with the following product code is installed: `{9A25302D-30C0-39D9-BD6F-21E6EC160475}`
Installation	To install the Microsoft Visual C++ 2008 redistributables silently, use the following command: `vcredist_x86_vs2008_SP1.exe /q`

2.8 Microsoft Visual C++ 2010 Redistributable

CANoe/CANalyzer v8.0 and Up	Effective with CANoe/CANalyzer v8.0 and up you also have to have the Microsoft Visual C++ 2010 redistributables package installed.

Installation Check	To verify that the Microsoft Visual C++ 2010 redistributables are installed, check if the software with the following product code is installed:
	
	`{F0C3E5D1-1ADE-321E-8167-68EF0DE699A5}`
	
	The Microsoft Visual C++ 2010 redistributables package may be installed as part of Microsoft Visual Studio 2010. Therefore, the following product code should also be checked:
	
	`{5D9ED403-94DE-3BA0-B1D6-71F4BDA412E6}`

Installation	To install the Microsoft Visual C++ 2010 redistributables silently, use the following command: `vcredist_2010_SP1_x86.exe /q /norestart`

2.9 Microsoft Visual C++ 2013 Redistributable

CANoe/CANalyzer v8.5 and Up	Effective with CANoe/CANalyzer v8.5 and up you also have to have the Microsoft Visual C++ 2013 redistributables package installed.
Installation Check	Note that the Microsoft Visual C++ 2013 redistributables consist of a minimum run-time package and an additional run-time package. Both packages need to be checked.
	To verify that the Microsoft Visual C++ 2013 redistributables are installed, check if the software with the following product code is installed:
	`Minimum runtime: {F0C3E5D1-1ADE-321E-8167-68EF0DE699A5}`
	`Additional runtime: {3D6AD258-61EA-35F5-812C-B7A02152996E}`
	The Microsoft Visual C++ 2013 redistributables package may be installed as part of Microsoft Visual Studio 2013. Therefore, the following product code should also be checked:
	`Additional runtime: {5D9ED403-94DE-3BA0-B1D6-71F4BDA412E6}`
Installation	To install the Microsoft Visual C++ 2013 redistributables silently, use the following command:
	`vcredist_x86_VS2013_SP2.exe /install /quiet /norestart`

2.10 Microsoft Visual C++ 2013 Redistributable (x64)

CANoe/CANalyzer v8.5 SP2 and Up	Effective with CANoe/CANalyzer v8.5 SP2 and up you also have to have the Microsoft Visual C++ 2013 (x64) redistributables package installed.
Installation Check	Note that the Microsoft Visual C++ 2013 (x64) redistributables consist of a minimum run-time package and an additional run-time package. Both packages need to be checked.
	To verify that the Microsoft Visual C++ 2013 (x64) redistributables are installed, check if the software with the following product code is installed:
	`Minimum runtime: {A749D8E6-B613-3BE3-8F5F-045C84EBA29B}`
	`Additional runtime: {929FBD26-9020-399B-9A7A-751D61F0B942}`
Installation	To install the Microsoft Visual C++ 2013 (x64) redistributables silently, use the following command:
	`vcredist_x64_VS2013_SP2.exe /install /quiet /norestart`

2.11 Microsoft Visual C++ 2017 Redistributable

CANoe/CANalyzer v11.0 SP3 and Up	Effective with CANoe/CANalyzer v11.0 SP3 and up you also have to have the Microsoft Visual C++ 2017 redistributables package installed.

Installation Check	To verify that the Microsoft Visual C++ 2017 redistributables are installed, check if the software with the following product code is installed:
	
	`HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\`
	`Microsoft\VisualStudio\14.0\VC\Runtimes\x86`
	
	Install Microsoft Visual C++ 2017 redistributables if it is not already installed or the version is less then 14.12.25810.00.

Installation	To install the Microsoft Visual C++ 2017 redistributables silently, use the following command: `vcredist_2017_x86.exe /install /quiet /norestart`

2.12 Microsoft Visual C++ 2017 Redistributable (x64)

CANoe/CANalyzer v11.0 SP3 and Up	Effective with CANoe/CANalyzer v11.0 SP3 and up you also have to have the Microsoft Visual C++ 2017 (x64) redistributables package installed.

Installation Check	To verify that the Microsoft Visual C++ 2013 (x64) redistributables are installed, check if the software with the following product code is installed:
	
	`HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\`
	`Microsoft\VisualStudio\14.0\VC\Runtimes\x64`
	
	Install Microsoft Visual C++ 2017 (x64) redistributables if it is not already installed or the version is less then 14.12.25810.00.

Installation	To install the Microsoft Visual C++ 2017 (x64) redistributables silently, use the following command: `vcredist_2017_x64.exe /install /quiet /norestart`

2.13 Microsoft .NET Framework 4.7.1

Prerequisites	The Microsoft .NET Framework 4.7.1 needs to be installed in order to use CANoe/CANalyzer on Windows 7 SP1 or newer operating systems. Note that the .NET Framework 4.7.1 does not include the .NET Framework versions up to 3.5.

Installation Check	To check if the .NET Framework 4.7.1 or later is installed, check if the following dword value is present in the registry:
	
	`HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\NET Framework Setup\ NDP\v4\Full\Release`
	
	If this value exists, check if it is equal or langer than the following numbers:
	▶ On Windows 10 Fall Creators Update (1709): 461308
	▶ On other operating systems: 461310
	
	If that is the case, a sufficient version of the Microsoft .NET Framework is present. In all other cases, you should install the Microsoft .NET Framework 4.7.1.
	
	Note
	`HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\NET Frame-work Setup\ NDP\v4\Full\`
	
	does not exist at all if no .NET Framework of version 4.x is installed.
	
	See also https://docs.microsoft.com/en-us/dotnet/framework/migration-guide/how-to-determine-which-versions-are-installed for more information on how to determine which .NET Framework version is installed.

Installation	To install the Microsoft .NET Framework 4.7.1 silently, use the following command: `NDP471-KB4033342-x86-x64-AllOS-ENU` It is recommended to install either the German or the Japanese language pack for .NET Framework 4.7.1 on German and Japanese systems, respectively. To install it silently, use the following command: ▶ German: `NDP471-KB4033342-x86-x64-AllOS-DEU.exe /q /norestart` ▶ Japanese: `NDP471-KB4033342-x86-x64-AllOS-JPN.exe /q /norestart`

2.14 Vector CANdela Persistors 10

CANoe/CANalyzer v8.0 and Up	Effective with CANoe/CANalyzer v8.0 and up you also have to have the Vector CANdela converters add-on installed. Note that this add-on may also be installed by other Vector products.
Installation Check	To verify that the latest version of the Vector CANdela converters add-on is installed, check the newest product of the product family with the following upgrade code: `{4071CAEA-9245-4195-AD8C-163E19A2DD63}` Install the Vector CANdela converters add-on if the installed version is less than 10.0.00100 or no version is installed.
Installation	The Vector CANdela converters add-on is provided as a Windows Installer Package. You can install it using the package **CANdelaPersistors10.msi**.

2.15 Vector License Manager 1.4

CANoe/CANalyzer v8.0 SP2 and Up	When CANoe/CANalyzer 8.0 SP2 or newer is installed, you should install the Vector License Manager. Note that this tool may also be installed by other Vector products.
Installation Check	To verify that the latest version of the Vector License Manager is installed, check the newest product of the product family with the following upgrade code: `{5745D1D3-BB4F-4AC8-9CB0-9D171DC6FD6B}` Install the Vector License Manager if the installed version is less than 1.4.100.0 or no version is installed.
Installation	The Vector License Manager is provided as a Windows Installer Package. You can install it using the package **VectorLicenseManagerInstaller.msi**.

2.16 64 Bit FlexNet Licensing Service

CANoe/CANalyzer Starting with v8.5 SP3	When CANoe/CANalyzer starting with 8.5 SP3 is installed, you should install the 64 bit FlexNet licensing service.
Only 64 Bit Install-ation	The 64 bit FlexNet licensing service is only required for the 64 bit version of CANoe/CANalyzer when software based licenses are used.
Installation	To install the 64 bit FlexNet licensing service, call **installanchorservice** with fol-lowing parameters: `installanchorservice.exe "Vector Informatik GmbH" "CANoe"` Note that **FNP_Act_Installer.dll** has to reside in the same directory as **install-anchorservice.exe**.

2.17 Vector CANdelaStudio 10 P2 (64 bit)

CANoe/CANalyzer v11.0 and Up	When CANoe/CANalyzer 11.0 (64 bit) or newer is installed, you should install the Vector CANdelaStudio (64 bit).
	Note ▶ This tool may also be installed by other Vector products. ▶ There is a 32 bit variant of Vector CANdelaStudio as well which belongs to the same product family (i.e. it uses the same upgrade code).
Installation Check	To verify that the latest version of the Vector CANdelaStudio is installed, check the newest product of the product family with the following upgrade code: {2F0CA058-F0B7-4A09-ABE2-0B38DD00D473} Install the Vector CANdelaStudio 10 P2 if the installed version is less than 10.0.00102 or no version is installed.
Installation	The Vector CANelaStudio is provided as a Windows Installer Package. You can install it using the package **CANdelaStudio10P2.msi**. Set the following properties during installation to prevent desktop shortcuts and reboot: ADDDESKTOPICON=0 REBOOTREQUIRED=0

2.18 Vector ODXStudio 5.0 SP2 (64 bit)

CANoe/CANalyzer v11.0 and Up	When CANoe/CANalyzer 11.0 (64 bit) or newer is installed, you should install the Vector ODXStudio (64 bit).
	Note ▶ This tool may also be installed by other Vector products. ▶ There is a 32 bit variant of Vector ODXStudio as well which can be installed additionally to the 32 bit variant.
Installation Check	To verify that the latest version of the Vector ODXStudio is installed, check the newest product of the product family with the following upgrade code: {48F4FE17-0E3E-4FF9-A21F-D5225910A0D9} Install the Vector ODXStudio 5.0 SP2 if the installed version is less than 5.0.2100 or no version is installed.
Installation	The Vector ODXStudio is provided as a Windows Installer Package. You can install it using the package **ODXStudio5.0SP2.msi**.

2.19 Vector AUTOSAR Explorer 1.7

CANoe/CANalyzer Option .CAN, .FlexRay, .Ethernet	When CANoe/CANalyzer with option .CAN, .FlexRay or .Ethernet is installed, you should install the Vector AUTOSAR Explorer 1.7. Note that this tool may also be installed by other Vector products.
Installation Check	To verify that the latest version of the Vector AUTOSAR Explorer 1.x is installed, check the newest product of the product family with the following upgrade code: `{096EF4C5-6165-4FB2-9540-2FB1CDCD153C}`
Installation	The Vector AUTOSAR Explorer is provided as a Windows Installer Package. You can install it using the package **AUTOSARExplorer.msi**. Set the following property during installation to register the ARXML file type for Vector AUTOSAR Explorer: `VREGISTER_FILE_EXT=1`

2.20 Vector AUTOSAR Explorer 2

CANoe/CANalyzer Option .CAN, .FlexRay	When CANoe/CANalyzer 64 bit with option .CAN or .FlexRay is installed, you should install the Vector AUTOSAR Explorer 2 in addition to version 1.7. Note that this tool may also be installed by other Vector products.
Only 64 Bit Installation	This version of Vector AUTOSAR Explorer is only available for 64 bit operating systems in combination with the 64 bit version of CANoe/CANalyzer.
Installation Check	To verify that the latest version of the Vector AUTOSAR Explorer 2.x is installed, check the newest product of the product family with the following upgrade code: `{C53C0C39-CD73-4E20-A99D-371CC30A23A7}`
Installation	The Vector AUTOSAR Explorer is provided as a Windows Installer Package. You can install it using the package **AUTOSARExplorer2.msi**.

2.21 Vector AUTOSAR Tool Selector

CANoe/CANalyzer Option .CAN, .FlexRay	When installing both AUTOSAR Explorer 1.x and AUTOSAR Explorer 2, you should also install AUTOSAR Tool Selector which helps opening an AUTOSAR file with the appropriate version of AUTOSAR Explorer. Note that this tool may also be installed by other Vector products.
Installation Check	To verify that the latest version of the Vector AUTOSAR Tool Selector is installed, check the newest product of the product family with the following upgrade code: `{7517226A-25F8-4800-9D19-9A3F6F022EE4}`
Installation	The Vector AUTOSAR Tool Selector is provided as a Windows Installer Package. You can install it using the package **AUTOSARToolSelector.msi**.

2.22 Vector FIBEX Explorer 3.3

CANoe/CANalyzer Option .FlexRay	When CANoe/CANalyzer with option .FlexRay is installed, you should install the Vector FIBEX Explorer. Note that this tool may also be installed by other Vector products.
Installation Check	To verify that the latest version of the Vector FIBEX Explorer is installed, check the newest product of the product family with the following upgrade code: `{1A240E4E-A1F2-4552-B430-770B01128C28}`
Installation	The Vector FIBEX Explorer is provided as a Windows Installer Package. You can install it using the package **FIBEXExplorer.msi**. Set the following property during installation to register the XML file type for Vector FIBEX Explorer: `VREGISTER_FILE_EXT=1` Note that this setting is likely to conflict with other applications using the XML file type. For that reason, it is recommended not to set `VREGISTER_FILE_EXT`.

2.23 Vector LDF Explorer 1.4

CANoe/CANalyzer Option .LIN	When CANoe/CANalyzer with option .LIN is installed, you should install the Vector LDF Explorer. Note that this tool may also be installed by other Vector products.
Installation Check	To verify that the latest version of the Vector LDF Explorer is installed, check the newest product of the product family with the following upgrade code: {5C652F7C-5EF5-411A-B611-345D5287BD5D}
Installation	The Vector LDF Explorer is provided as a Windows Installer Package. You can install it using the package **LDFExplorer.msi**. Set the following property during installation to register the LDF file type for Vector LDF Explorer: VREGISTER_FILE_EXT=1

2.24 Vector ASAP2 Studio Viewer 1.4

CANoe/CANalyzer Option .AMD/XCP	When CANoe/CANalyzer with option .AMD/XCP is installed, you should install the Vector ASAP2 Studio Viewer. Note that this tool may also be installed by other Vector products.
Installation Check	To verify that the latest version of the Vector ASAP2 Studio Viewer is installed, check the newest product of the product family with the following upgrade code: {C0D76E80-C5C2-4E16-9237-9E9506B7EAC4}
Installation	The Vector ASAP2 Studio Viewer is provided as a Windows Installer Package. You can install it using the package **ASAP2StudioViewer.msi**.

2.25 Vector CANoe CANalyzer Scope for 64 Bit Operating Systems

CANoe/CANalyzer Option .Scope	When CANoe/CANalyzer with option .Scope is installed on a 64 bit operating system, you should install the Vector package CANoe/CANalyzerScope.
Installation Check	To verify that the latest version of the Vector CANoe/CANalyzerScope is installed, check the newest product of the product family with the following upgrade code: `{CDEA67B2-8AA8-45F9-BF9A-2777207935A6}`
Installation	The Vector CANoe/CANalyzerScope is provided as a Windows Installer Package. You can install it using the package **CANoeCANalyzerScope_x64.msi**.

2.26 Vector Aerospace Message Editor

CANoe/CANalyzer Option .AFDX, .CANaero, .A429	When CANoe/CANalyzer Option .AFDX, .CANaero or .A429 is installed, you also have to install the Vector Aerospace Message Editor.
Only 64 Bit Installation	This version of Vector Aerospace Message Editor is only available for 64 bit operating systems in combination with the 64 bit version of CANoe/CANalyzer Installation check To verify that the latest version of the Vector Aerospace Message Editor is installed, check the newest product of the product family with the following upgrade code: `{2341551F-B4B2-4CED-9ABF-C7E31299BCC0}`
Installation	The Vector Aerospace Message Editor is provided as a Windows Installer Package. You can install it using the package **SetupVAME.msi**.

2.27 Vector Shell Extensions

CANoe/CANalyzer v10.0 and Up	When CANoe/CANalyzer 10.0 or newer is installed, you should install the Vector Shell Extensions package to improve the handling of CANoe/CANalyzer compatible log and support file formats in Windows Explorer.
32/64 Bit Installation	On a 32 bit operating system, only the 32 bit Shell Extensions can be installed. On a 64 bit operating system, you should install both the 32 bit and the 64 bit Shell Extensions.
Installation Check	To verify that the latest version of the 32 bit Shell Extensions is installed, check the newest 32 bit product of the product family with the following upgrade code: `{09D94F4D-1CBB-4868-9755-CC7091E3407F}` Install the 32 bit Shell Extensions if the installed version is less than 5.0.6472 or no version is installed. To verify that the latest version of the 64 bit Shell Extensions is installed, check the newest 64 bit product of the product family with the upgrade code above. Install the 64 bit Shell Extensions if the installed version is less than 5.0.6472 or no version is installed.
Installation	The Vector Shell Extenions are provided as Windows Installer Packages. You can install them using the packages **Vector ShellExtensions 32-bit.msi** respectively. **Vector ShellExtensions 64-bit.msi**.

2.28 CodeMeter Runtime (x86)

CANoe/CANalyzer v9.0 SP4 and Up	When CANoe/CANalyzer 9.0 SP4 or newer is installed on a 32 bit operating system, you should install the CodeMeterRuntime (x86).
Installation Check	To verify that the latest version of the CodeMeter Runtime (x86) is installed, check the newest product of the product family with the following upgrade code: `{AEB0BEAE-B5C8-4574-8CBB-D9977A890081}` Install the CodeMeter Runtime (x86) if the installed version is less than 6.40.2396.500 or no version is installed.
Installation	To install the CodeMeter Runtime (x86) silently, use the following command: `CodeMeterRuntime32Reduced.exe /ComponentArgs "*":"/qn"`

2.29 CodeMeter Runtime (x64)

CANoe/CANalyzer v9.0 SP4 and Up	When CANoe/CANalyzer 9.0 SP4 or newer is installed on a 64 bit operating system, you should install the CodeMeterRuntime (x64).
Installation Check	To verify that the latest version of the CodeMeter Runtime (x64) is installed, check the newest product of the product family with the following upgrade code: `{DE93D016-7D56-4EE8-8579-EC47F02CCC5B}` Install the CodeMeter Runtime (x64) if the installed version is less than 6.40.2396.500 or no version is installed.
Installation	To install the CodeMeter Runtime (x64) silently, use the following command: `CodeMeterRuntime64Reduced.exe /ComponentArgs "*":"/qn"`

2.30 Vector CANoe Test Report Viewer

CANoe/CANalyzer v10.0 and Up	When CANoe/CANalyzer 10.0 or newer is installed, you should install Vector CANoe Test Report Viewer to be able to view CANoe Test Reports. Note that this tool may also be installed individually by its separately available Standalone Setup.
Installation Check	To verify if the Vector CANoe Test Report Viewer is installed, check the newest product of the product family with the following upgrade code: `{2FA3C6EE-E029-44F2-8BA5-CE17C2AC1814}`
Installation	The Vector CANoe Test Report Viewer is provided as a Windows Installer Package. You can install it using the package **CANoeTestReportViewer.msi**.

2.31 Vector CANoe Test Report Viewer Selector

CANoe/CANalyzer v11.0 SP3 and Up	When CANoe/CANalyzer 11.0 SP3 or newer is installed, you should install Vector CANoe Test Report Viewer Selector to be able to view CANoe Test Reports. Note that this tool may also be installed individually by its separately available Standalone Setup.
Installation Check	To verify if the Vector CANoe Test Report Viewer Selector is installed, check the newest product of the product family with the following upgrade code: `{41F7AC4A-9C7A-4D98-8EE6-5C22CB516E6E}`
Installation	The Vector CANoe Test Report Viewer Selector is provided as a Windows Installer Package. You can install it using the package **CANoeTestReportViewerSelector.msi**.

2.32 Vector Support Assistant

CANoe/CANalyzer v10.0 and Up	When CANoe/CANalyzer 10.0 or newer is installed, you should install Vector Suport Assistant to be able to send support reports to Vector Support Team. Note that the Vector Support Assistant needs the Vector Shell Extensions to be installed.
Installation Check	To verify if the Vector Support Assistant is installed, check the newest product of the product family with the following upgrade code: `{8B5CE374-D2B2-4778-98E4-B7D9D450E85D}`
Installation	The Vector Support Assistant is provided as a Windows Installer Package. You can install it using the package **Vector Support Assistant.msi**.

2.33 Vector Network Driver

CANoe/CANalyzer v10.0 and up, Option .Ethernet, .AFDX, Optional	When CANoe/CANalyzer 10.0 or newer is installed, you may install Vector network driver to be able to use integrated network interface cards of the PC as interface hardware for CANoe/CANalyzer. Note that you do not need this driver to use Vector VN5610, VN5610A or VN5640.
Installation Check	To verify if the Vector network driver is installed, check the newest product of the product family with the following upgrade code: `{7705A768-D398-4162-B619-8C8F14C769D9}`
Installation	The Vector network driver is provided as a Windows Installer Package which resides in the installation directory of the installed application. You can install it using the package **NetworkDriver.msi**.

2.34 Vector Security Manager

CANoe/CANalyzer v10.0 SP3 and Up	When CANoe/CANalyzer 10.0 SP3 or newer is installed, you should install Vector Security Manager.
Installation Check	To verify if the Vector Security Manager is installed, check the newest product of the product family with the following upgrade code: `{94D964B0-9083-4BAD-9E9F-28961884CF8E}`
Installation	The Vector Security Manager is provided as a Windows Installer Package. You can install it using the package **VectorSecurityManager.msi**.

2.35 Vector License Client

CANoe/CANalyzer v10.0 SP4 and Up	When CANoe/CANalyzer 10.0 SP4 or newer is installed, you should install Vector License Client.
	Note that this tool may also be installed by other Vector products.
	Further note that this tool requires the **CodeMeter** runtime to function correctly.
Installation Check	To verify if the Vector License Client is installed, check the newest product of the product family with the following upgrade code:
	{25445C82-88D3-4C73-B37D-940F8AFEC7C6}
Installation	The Vector License Client is provided as a Windows Installer Package. You can install it using the package **VectorLicenseClientInstaller.msi**.

2.36 Vector Platform Manager

CANoe/CANalyzer v11.0 and Up	When CANoe/CANalyzer 11.0 or newer is installed, you should install Vector Platform Manager.
	Note: This tool may also be installed by other Vector products.
Installation Check	To verify if the Vector Platform Manager is installed, check the newest product of the product family with the following upgrade code:
	{F2D8FCB6-FA07-4F5F-95FD-25A7F8239CEB}
Installation	The Vector Platform Manager is provided as a Windows Installer Package. You can install it using the package **Vector Platform Manager.msi**.

3 Settings

In this chapter you find the following information:

3.1 Customizable Properties

The MSI setup was created to ease the deployment of CANoe/CANalyzer in large IT networks via software deployment systems. To support this, the options that can be changed in the user interface setup are represented by public properties. Note that CANoe and CANalyzer are complex software utilities whose correct execution depends on some settings you might want to change. Only change the settings available through the properties described in the following table, otherwise, a correct setup execution can not be guaranteed.

3.1.1 Public properties

The following table lists the public properties and their meaning, as well as their standard or predefined values respectively.

Note: In case one of the following public properties shall be set to a customized value, the respective property and its value

▶ have to be either directly provided on the `msiexec` command line or

▶ have to be added and/or modified in the 'Property' table of the MST when using your own transform files for deployment.

For an example please refer to Silent Installation Example.

> **i** **Note**
>
> Property names are case sensitive.

Property	Meaning	Default Value
`VAPPLICATION_ DATA_ FOLDER`	Absolute path where the application data is stored (e.g. INI files)	No default value; see also `VAPPLICATION_AND_ DATA_ROOT`
`VUSER_DATA_FOLDER`	Absolute path where the user data is stored (e.g. for templates)	No default value; see also `VAPPLICATION_AND_DATA_ROOT`

`VAPPLICATION_AND_ DATA_ROOT`	If neither `VAPPLICATION_ DATA_FOLDER` nor `VUSER_ DATA_FOLDER` is set, you can set both paths to predefined values using the following values for `VAPPLICATION_AND_DATA_ ROOT`
	
	▶ 2 = Application data and user data are stored in all users' profile (recommended).
	
	▶ 3 = Application data and user data are stored in the CANoe/CANalyzer program folder (not recommended). This value is not supported on Windows Vista and later (see below)
		The default value is set to `2`.
		
		Thus, the default user data target is (example):
		
		`%AllUsersProfile%Documents\ Vector\CANoe\8.1`
		
		or
		
		`%AllUsersProfile%Documents\ Vector\CANalyzer\8.1`
		
		The default application data target is (example):
		
		`%AllUsersProfile% Vector\CANoe\11.0`
		
		or
		
		`%AllUsersProfile% Vector\CANalyzer\11.0`

Property	Meaning	Default Value
VPROGRAM_LANGUAGE	Language to use at program start. Possible values are: ▶ 01 = English ▶ 49 = German	`01`

VSTART_MENU_FOLDER	Program menu command that will be used for program shortcuts.	`Vector CANoe 11.0`
		
		or
		
		`Vector CANalyzer 11.0`

INSTALLDIR	Absolute path where the application should be installed to.	`%ProgramFilesFolder% Vector CANoe 11.0`
		
		or
		
		`%ProgramFilesFolder% Vector CANalyzer 11.0`

VCREATE_FLEXNET_ ACTIVATION_SHORTCUT	Option to install a shortcut to the License Manager in the program menu folder.	`1`
VPRECOMPILE_QUEUE_ LEVEL	Sets the queue priority that should be used when generating native images for .NET assemblies. ▶ 0 = use synchronous calls ▶ 1 = queue with highest priority ▶ 2 = queue with normal priority ▶ 3 = queue with low priority **Note**: The values 1, 2, 3 correspond to the values fort he /queue parameter of the **ngen** utility	`1`
VPERFORM_ PRECOMPILING	Enables or disables the creation of native images for .NET assemblies. ▶ 0 = disable creation ▶ 1 = enable creation It is strongly recommended to enable the creation of native images for the .NET assemblies to reduce start-up time of CANoe/CANalyzer significantly.	`1`
VISUSEDINUSA	Specifies if the application is used in the United States of America. ▶ 0 = application is not used in	`1`

Property	Meaning	Default Value
	the USA ► 1 = application is used in the USA.	
VUSEFLEXNET POOLLICENSING	Specifies whether FlexNet Pool Licensing shall be used as licensing model. ► 0 = do not use FlexNet Pool licensing ► 1 = use FlexNet Pool Licensing	0
VDISABLESUFFIXFOR APPLICATIONDATAFOLDERS	Controls whether a suffix is added to the folders that contain application data (e.g. INI files ore configuration templates). If no suffix is added, two parallel installations of the same main version will use the same settings files which can lead to conflicts. ► 0 = add suffix to folder name for application data folders ► 1 = do not add suffix to folder name for application data	0

> **Note**
> ► For correct execution of CANoe/CANalyzer it is important to keep the directory structure the same as defined in the installation package. Modifying this directory structure can lead to erroneous behavior which can lead to wrong simulation results.
> ► You **MUST NOT** change anything else than the public properties specified in the table above.
> ► Starting with Windows Vista, installing the application and user data in the system program folder (e.g. `C:\Program Files`) is not supported. If you install CANoe/CANalyzer in the system program directory (e.g. `C:\Program Files\Vector CANoe 8.1`), you **MUST NOT** set the value of the property **VAPPLICATION_AND_DATA_ROOT** to 3.

3.2 Installable Features

The installation consists of following main features. All features except "Program" can be (de)selected by the user:

► Program
► Help

When performing a silent installation, specify the features to be installed with the ADDLOCAL property see Silent Installation Example for an example on using the ADDLOCAL property

For more information on the ADDLOCAL property, see http://msdn.microsoft.com/en-us/library/aa367536%28v=vs.85%29.aspx.

3.3 Transforms

Installing multiple instances of one product The Vector CANoe/CANalyzer MSI setup does not enable you to install an arbitrary number of instances of the same product on one computer. However, a limited set of product codes is mentioned in the **Setup.ini** file that comes with the installation package. For each product code there is an entry in **Setup.ini**:

```
[InstanceId1]
InstanceId=1
ProductCode={AAAAAAAA-BBBB-CCCC-DDDD-0123456789EF}
```

> **i** **Important Note**
>
> Whenever you specify an instance ID to be used on installation, you also have to set the value of the property **MSINEWINSTANCE** to 1 (e.g. MSINEWINSTANCE=1 on command line), even if you install only one instance with a specific instance ID.
>
> Otherwise you will encounter problems when updating the installetion to a later service pack.

Those product codes can be used to install multiple versions of the product by using them for instance transformation.

Every product code in **Setup.ini** can be used only for the application and variant it is delivered with – i.e. the setup.ini file next to **CANoe64.msi** lists product codes that are only valid for the 64 bit variant of CANoe.

Be aware that you have to manage all subsequent operations on the product instance yourself. E.g. when installing multiple instances of Vector CANoe you need to take care to use the correct instance's product code when uninstalling one of them.

> **i** **Note**
>
> When CANoe (or CANalyzer resp.) is installed using the graphical bootstrapper installation program (**SetupCANoe64.exe / SetupCANalyzer64.exe**), an instance transform is always applied. This implicitly isolates installations done by the bootstrapper installation program and installations done by deployment systems (using the MSI installer databases directly).

4 Sample Configurations

In this chapter you find the following information:

4.1 Customizable Properties

The following properties can be applied to **CANoe Sample Configurations** / **CANalyzer Sample Con-figurations** installation package for execution.

Property	Meaning	Default Value

INSTALLDIR	Absolute path where the sample con-figurations should be installed to.	`C:\Users\Public\Documents\Vector\CANoe\Sample Configurations <ProductVersion>`
		
		or
		
		`C:\Users\Public\Documents\Vector\CANalyzer\Sample Configurations <ProductVersion>`

4.2 CANoe Sample Configurations

CANoe v11.0 and Up

When CANoe 11.0 or newer is installed, you should install Vector CANoe Sample Configurations.

Installation Check

To verify if the Vector CANoe Sample Configurations is installed, check the products of the product family with the following upgrade code:

`{D33E3FBE-2B3E-4CBE-B4D5-29C5ACE34A37}`

The Vector CANoe Sample Configurations share the **ProductVersion** with Vector CANoe. Note that different versions of the CANoe Samples Configurations can be installed in parallel.

Installation The Vector CANoe Sample Configurations is provided as a Windows Installer Package. You can install it using the package **CANoe_Samples.msi**.

4.2.1 Installable Features

The installation consists of following main features. All features can be (de)selected by the user:
► A429_CN
► AFDX_CN
► CAN_CN
► CANaero_CN
► CANopen_CN
► CAR2X_CN
► Ethernet_CN
► FlexRay_CN
► IO_HIL_CN
► ISO11783_CN
► J1587_CN
► J1939_CN
► LIN_CN

- ► MOST_CN
- ► Programming_CN
- ► SENSOR_CN
- ► SOA_CN
- ► XCP_AMD_CN

When performing a silent installation, specify the features to be installed with the ADDLOCAL property. See chapter Silent Installation Example for an example on using the ADDLOCAL property

- ► For more information on the ADDLOCAL property, see http://msdn.microsoft.com/en-us/library/aa367536%28v=vs.85%29.aspx.

4.3 CANalyzer Sample Configurations

The CANalyzer Sample Configurations package contains the sample configurations for Vector CANalyzer.

CANalyzer v11.0 and Up

When CANalyzer 11.0 or newer is installed, you should install Vector CANalyzer Sample Configurations.

Installation Check

To verify if the Vector CANalyzer Sample Configurations is installed, check the products of the product family with the following upgrade code:

`{3998B265-47E3-443C-8BE3-8CBCB2DE5B3D}`

The Vector CANalyzer Sample Configurations share the **ProductVersion** with Vector CANalyzer. Note that different versions of the CANalyzer Samples Configurations can be installed in parallel.

Installation The Vector CANalyzer Sample Configurations is provided as a Windows Installer Package. You can install it using the package **CANalyzer_Samples.msi**.

4.3.1 Installable Features

The installation consists of following main features. All features can be (de)selected by the user:

- ► A429_CL
- ► AFDX_CL
- ► CAN_CL
- ► CANaero_CL
- ► CANopen_CL
- ► CAR2X_CL
- ► Ethernet_CL
- ► FlexRay_CL
- ► IO_HIL_CL
- ► J1587_CL
- ► J1939_CL
- ► LIN_CL
- ► MOST_CL
- ► Programming_CL

When performing a silent installation, specify the features to be installed with the ADDLOCAL property. See chapter Silent Installation Example for an example on using the ADDLOCAL property

► For more information on the ADDLOCAL property, see http://msdn.microsoft.com/en-us/library/aa367536%28v=vs.85%29.aspx.

5 Further Installations

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In this chapter you find the following information:

5.1 Silent Installation Examples

5.1.1 Install CANoe and CANalyzer

Installing CANoe (64 bit) and CANalyzer (64 bit) on the same machine silently.

Installation sequence: **First CANoe (only program files), then CANalyzer (complete)**

Command Line Only

CANoe Installation	`msiexec /i CANoe64.msi ADDLOCAL=Program /q`
CANalyzer Install-ation	Since the already installed CANoe is a different product, you do not have to install CANalyzer as a new instance using an instance transform. Instead, you can install CANalyzer the same way you did with CANoe: `msiexec /i CANalyzer64.msi /q` Of course, further properties can be set to customize the installation. Therefore you can use the defined properties described in chapter Settings.
Examples	Setting the desired language to German: `VPROGRAM_LANGUAGE=49` Setting the installation directory: `INSTALLDIR="C:\Programs\My Vector Folder\CANoe 11.0"`

> **Note**
>
> The various software deployment tools might provide different methods to enable the Windows Installer logging.
>
> To enable Windows Installer logging on the command line you can use the parameter /l with its various options, e.g. you can use `/l*vx <log file path>` to enable a verbose logging.

5.1.2 Install several instances of CANoe

Installing several instances of CANoe (64 bit) on the same machine silently.

Installing several instances of CANoe might be necessary to when multiple projects with different version requirements are developed.

Installation sequence: **First CANoe (only program files), then CANoe (complete)**

Command Line Only

CANoe Installation	`msiexec /i CANoe64.msi ADDLOCAL=Program /q`

2nd CANoe Installation	Since CANoe is already installed, a new instance has to be installed using an instance transform:
	
	`msiexec /i CANoe64.msi TRANSFORMS=:InstanceId1.mst`
	MSINEWINSTANCE`=1 /q`
	
	`MSINEWINSTANCE=1`
	
	Specifies that a new instance will be installed. This property has to be set anytime an instance id transform is applied.
	
	`TRANSFORMS=:InstanceId1.mst;`
	
	Applies the embedded transform 'InstanceId1' for installing a new instance. Choosing 'InstanceId1.mst' will set the product code for your CANalyzer installation as specified in Setup.ini in the section [InstanceId1].
	
	Note
	
	All instance transforms (InstanceId1 … InstanceId50) are embedded transforms, i.e. when selecting an instance transform set a ":" prior to the desired transform.

Creating an Own Transform (.mst) for the Command Line

For both examples above, the installation is executed on the command line setting various public properties. In case an own transform (.mst) should be created to install CANoe and/or CANalyzer you have to set the respective properties as shown for the command line. Therefore create a transform for CANoe (e.g. MyCANoeTransform.mst) and one for CANalyzer (e.g. MyCANalyzerTransform.mst) and set the properties in the **Property** table. In case the respective property is not yet available in the 'Property' table, insert it and set the desired value.

Note

Property names are case sensitive.

5.2 Service Pack Installation

5.2.1 Prerequisites

A service pack installation can only be executed if a CANoe/CANalyzer of the same main version but lower SP level is already installed. Otherwise a full installation has to be done.

The service pack installation is compressed as a self-extracting executable when downloaded from the web. In case you want to run the installation interactively, just start the executable. Otherwise (e.g. for silent installation or deployment) load the executable in a ZIP utility (e.g. WinZip or 7-Zip) and extract the contents first.

5.2.2 Silent Update

For a silent update the following parameters have to be set at the command line:

```
msiexec /i CANoe64.msi REINSTALLMODE=vomus REINSTALL=ALL IS_MINOR_UPGRADE=1 /q
```

In case multiple instances are installed on the machine you can specify the instance to be updated by adding the parameter `/n {Product-Code}`.

> **Note**
> ► Be sure to use the correct installation database to update the installed product. Use **CANoe64.msi** to update a CANoe installation, **CANalyzer64.msi** to update a CANalyzer installation.
> ► The parameter (1/n {Product-Code}) **must not be set**, in case you want to update a CANoe/CANalyzer installation which was installed using the base product code. The base product code is defined in the file **Setup.ini** in the section **[Startup]**.

5.3 Special (Traceable) Product Codes for Software Deployment

When the CANoe/CANalyzer installation is deployed using a software deployment system, it might be a requirement to map a unique product code to a concrete installation in order to identify and maintain this installation. Due to the architecture of the current installation package, this mapping does not happen automatically.

When it is required to use unique product codes to identify different CANoe/CANalyzer installations (e.g. thex may differ in matter of service pack level), you can use the following special product codes / product instance transforms.

You can then e,g, use **:InstanceId51.mst .. :InstanceId60.mst** for CANoe/CANalyzer (e.g. **:InstanceId51.mst** for main version, **:InstanceId52.mst** for service pack 2, …) deployments.

Note that these special product code instances will not be used when the installation is performed interactively (by starting setup.exe).

Instance transforms for CANoe 64 Bit

Special instance transforms for CANoe 64 bit variant installation:

Name of Embedded Transform	Instance Product Code
:InstanceId51.mst	{2971E885-C8E6-4E16-94EB-4A8B44D3331B}
:InstanceId52.mst	{722FA7E7-0FF6-4284-850A-C8FEAC747B60}
:InstanceId53.mst	{447707D0-B2B2-4DFE-82B6-4B89B752E409}
:InstanceId54.mst	{AA8526E7-5DF3-467F-A027-BFED73700B3D}
:InstanceId55.mst	{EF33CFB7-067E-4B1E-AA26-77A45AC17754}
:InstanceId56.mst	{4303E990-F513-4768-A22B-F42D22D64898}
:InstanceId57.mst	{93A4CB3F-AC14-4B14-939B-AC36749FE2EF}
:InstanceId58.mst	{437EC1BF-AC92-4452-A95C-6C03B3B52A37}
:InstanceId59.mst	{5FE38AA3-62EC-44B5-AA2E-42A85CDEE82E}
:InstanceId60.mst	{16F2D8E3-BED8-40A6-9396-1A26626BC670}

Instance Transforms for CANalyzer 64 Bit

Special instance transforms for CANalyzer 64 bit variant installation:

Name of Embedded Transform	Instance Product Code
:InstanceId51.mst	{83CE0F98-274D-4881-A317-25EF117291A1}
:InstanceId52.mst	{0D323225-6DF6-47DA-9CF7-DAA0440C8E32}
:InstanceId53.mst	{2544A4C6-E5FA-4ABD-81A8-CFC4DE2D28D7}
:InstanceId54.mst	{6B586A9A-01B5-4BBB-B0C0-CD1D1315A9F4}
:InstanceId55.mst	{635462AB-4CE4-4AD5-BF7B-2F9221742F6B}
:InstanceId56.mst	{DF5BF67C-FA5A-40E5-867D-D15F72F3B78E}
:InstanceId57.mst	{008EF89D-98A3-4B41-B80A-370F8AAD98C7}
:InstanceId58.mst	{8AA41608-F38E-4A29-8C4A-802E461F572C}
:InstanceId59.mst	{03B3F4B2-4D2D-4A67-8CEB-5AE1F53EBF02}
:InstanceId60.mst	{5AD5D7B6-DB35-4D5C-B112-97FA9C9C6DBF}

5.4 Interactive Installation using Bootstrapper

When the installation is executed in interactive mode by running the bootstrapper application (setup.exe), the installation of a prerequisite can be prevented. When an installation package is deleted from the **Files** directory, it will not be installed.

> **Note**
>
> You will delete prerequisites at your own risk. Important prerequisites for CANoe/CANalyzer can be lost that may cause malfunction of CANoe/CANalyzer.

5.5 Hardware Installation

The drivers for Vector network interfaces are not installed via the Windows Installer setup. At the moment there are no Windows Installer installations available for Vector hardware drivers. You have to ensure that the drivers for the used Vector hardware are installed on the target machines.

6 Appendix

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In this chapter you find the following information:

6.1 Location of installation files on DVD

You can find the instalaltion files in a directory in

► CANoe\Files (with CANoe)

► CANalyzer\Files (with CANalyzer)

on your installation DVD.

Installation File	Directory Name
CANoeCANalyzerRedistributable.msi	80ffcc5e-f520-4257-b824-e9886e7277ba
CANoeCANalyzerRedistributable_x64.msi	5397c3f5-c1c8-4d1a-8818-6f76abf3e668
vcredist_x86.exe	aab997f2-2193-42d4-abd2-031ba01c20b9
vcredist_x86_vs2008_SP1.exe	fb890c01-03af-46d2-af73-ef2bc03e0a6f
vcredist_2010_SP1_x86.exe	2eb2c105-6eb7-4036-a7fc-369f601c29ca
vcredist_x86_VS2013_SP2.exe	820b78cb-3414-40b0-b3a9-aaf8be7d6e0f
vcredist_x64_VS2013_SP2.exe	8937a4a9-0137-4727-ac03-f1b1704d69e1
vcredist_2017_x86.exe	62360a01-6efa-4b26-8360-4f3ec8e3ef97
vcredist_2017_x64.exe	6380ae51-d8cb-4f57-8773-29e3826a06b5
NDP471-KB4033342-x86-x64-AllOS-ENU.exe	45ddffb9-a6f7-4f1e-acf7-5bc0cf2e20ff
NDP471-KB4033342-x86-x64-AllOS-DEU.exe	a13e9731-c80d-4f3d-ab05-37e002e49600
NDP471-KB4033342-x86-x64-AllOS-JPN.exe	d9e1f3ed-9813-43f3-bc86-5ad226c98d83
CANdelaPersistors10.msi	2ba14563-780e-41ca-8cf1-86cce8edc4f3
VectorLicenseManagerInstaller.msi	0f95006e-6cd5-4457-ba21-a8845f2b1612
installanchorservice.exe	2ff68e2f-e65a-4fde-bc50-b4c3163a7301
CANdelaStudio10P2.msi (64 bit variant)	ec112e25-9279-4392-a57e-1c3442d6a9b3
ODXStudio5.0SP2.msi (64 bit variant)	e53ea56a-2d31-4a61-b220-1637c3b69752
AUTOSARExplorer.msi	ade6668a-1ac1-4dce-88d5-943b97e2b35d
AUTOSARExplorer2.msi	f4cf6ed2-e676-4fd6-b18a-f75294698c89
AUTOSARToolSelector.msi	35a7643e-ac71-4e63-abc1-941a44bcfcbc
FIBEXExplorer.msi	8a23c25a-5e06-4404-a9a3-fb4933d34e22
LDFExplorer.msi	62525589-7521-4d6c-8f9f-b4d6b82abd1d
ASAP2StudioViewer1.4.msi	e023a911-5570-460a-8f1c-e131133d6222
CANoeCANalyzerScope_x64.msi	59c3b77b-ec7f-4d99-a738-a03e286f71ee
SetupVAME.msi	0f0d7561-5f02-4beb-b582-7909550d1df5
Vector ShellExtensions 32-bit.msi	70846f8d-a98d-4200-91e3-885590ad942e
Vector ShellExtensions 64-bit.msi	b5cda055-528e-4855-ae90-96b9c7171e3b
CodeMeterRuntime32Reduced.exe	bdb6Fda4-e424-4b31-8eda-0f903361f480

Installation File	Directory Name
CodeMeterRuntime64Reduced.exe	3a509f4b-46b5-48c1-9c72-cb27f9f15ce7
CANoeTestReportViewer.msi	7c9d7c9e-6c50-4055-8a75-54159de5db45
TestReportViewerSelector.msi	a4477b60-21a4-4180-a085-8ffac97ba24c
Vector Support Assistant.msi	42030c54-6332-425c-ae1e-f8e5b063ee7b
VectorSecurityManager.msi	6bb6328e-e9ca-4864-bcb2-7ec02f2e446e
VectorLicenseClientInstaller.msi	e9362143-7b0c-4ebf-be5b-0d2c61d33e3c
Vector Platform Manager.msi	955c519d-0940-45bd-b8c5-f84bcd302a98

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