Virtual CodeMeter Activation Guide

Introduction

A Virtual CodeMeter (VCM) allows the user to run licensed AccessData products without a physical CodeMeter device. A VCM can be created using AccessData License Manager, but requires the user to enter a Confirmation Code during the creation process.

The latest revision of this guide can be found at the following:

http://accessdata.com/downloads/media/VCM_Activation_Guide.pdf

Preparation

- Contact your AccessData sales rep to order a VCM confirmation code.
- Install CodeMeter Runtime 4.10b or newer (available on the AccessData download page).
- Install the latest release of License Manager (available on the AccessData download page).
- The following steps are to be run on the system where you want to permanently attach the VCM.

> **Note:** Once created, the VCM cannot be moved to any other system.

- AD Lab WebUI and eDiscovery administrators, please also follow steps outlined under in Additional Instructions for AD Lab WebUI and eDiscovery (page 4) in order to enable VCM licensing on the AccessData License Service.

Setup for Online Systems

To setup a Virtual CodeMeter

1. Unplug any AccessData dongles you currently have connected.
2. Launch License Manager.

> **Note:** When creating a VCM on Windows Server 2003 or 2008, please refer to the special set of steps written for those platforms. See Creating a Virtual CM-Stick with Server 2003/2008 Enterprise Editions (page 3).

3. Select **Create A Local Virtual CMStick**
4. Click **OK.**
   The Confirmation Code Required dialog appears.
5. Enter your confirmation code.
6. Click **OK**, AccessData License Manager will automatically synchronize with the License Server over the Internet.

7. Click **OK** when the update completes. License Manager will then create the VCM on your system.

8. At this point, AccessData License Manager now displays a serial number for the VCM on the Licenses tab and the VCM can now operate in a similar way to a hardware CodeMeter device.

Setting up VCM for Offline Systems

You can setup a Virtual CodeMeter on a system that is not connected to the internet (offline). You must also have one machine that connects to the internet to perform certain steps. This section details what to do on which machine.

Perform these steps on the Online system

1. Unplug any AccessData dongles you currently have connected.

2. Launch License Manager.

> **Note:** When creating a VCM on Windows Server 2003 or 2008 Enterprise Edition, please refer to the special set of steps written for those platforms. See Creating a Virtual CM-Stick with Server 2003/ 2008 Enterprise Editions (page 3).

3. Select **Create Empty Virtual CMStick (offline)**.

4. Click **OK.**

5. The resulting dialog prompts you to save the *.wibucmrau file. Enter a name and path for the file, then click **Save**.

6. Transfer the *.wibucmrau to the Online system.

Perform these steps on the Online system

1. Unplug any AccessData dongles you currently have connected.

2. Launch License Manager.

3. Select **Create Activation File (online)**.

4. Click **OK**.

5. In the Confirmation Code Required dialog, enter your confirmation code and click **OK**.

6. AccessData License Manager will automatically synchronize with the License Server over the internet. Data synchronized from the server will be written to the *.wibucmrau file. Click **OK** when the update completes.

7. Transfer *.wibucmrau back to the offline system.

Perform these steps on the Offline system

1. Unplug any AccessData dongles you currently have connected.

2. Launch License Manager.

3. Select **Create Activate Virtual CMStick (offline)**.

4. Click **OK**.

5. The resulting dialog prompts you to browse to the location of the newly updated *.wibucmrau file. Locate the file, then click **Open**. License Manager creates the VCM on your system.

6. 19.At this point, AccessData License Manager should now display a serial number for the VCM on the "Licenses" tab and the VCM can now operate in a similar way to a hardware CodeMeter device.

Creating a Virtual CM-Stick with Server 2003/2008 Enterprise Editions

This section contains special instructions for using a VCM with Windows Server 2003 or 2008 Enterprise Editions. Complete each section in order.

To Create an Empty CodeMeter License Container

1. On the Server 2003/2008 machine, unplug any CodeMeter devices.

2. Open the CodeMeter Control Center. Make sure the window on the License tab is, empty indicating that no licenses are currently loaded.

3. Select **File > Import License.**

4. Browse to the License Manager program files directory.

   - 32 bit systems: `C:\Program Files\AccessData\LicenseManager\`
   - 64 bit systems: `C:\Program Files (x86)\ AccessData\LicenseManager\`

5. Highlight the `TemplateDisc5010.wbb` file, then click **Import**.

6. Click the **Activate License** button.

7. When the *CmFAS Assistant* opens, click **Next**.

8. Select **Create license request**, and click **Next**.

9. Confirm the desired directory and filename to save `.WibuCmRaC`. (Example: `Test1.WibuCmRaC`)

10. Click **Commit**.

11. Click **Finish**.

To Copy to another machine

1. Copy the new `.WibuCmRaC` to another machine that is not running Windows Server 2003/2008 Enterprise.

Note: The destination system must have an active internet connection.

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2. Unplug any AccessData dongles you currently have connected.

3. Launch *License Manager*.

4. Select **Create Activation File (online)**.

5. Click **OK**.

6. In the Confirmation Code Required dialog enter your confirmation code and click **OK**.

7. AccessData License Manager will automatically synchronize with the License Server over the internet. Data synchronized from the server will be written to the `*.wibucmrau` file. Click **OK** when the update completes.

To Finish the activation on the Windows Server 2003/2008 Enterprise system

1. Copy the activated .`WibuCmRaC` file to the Server 2003/2008 machine.

2. On the Server 2003/2008 machine, unplug any CodeMeter devices.

3. Open the CodeMeter Control Center. Make sure the window on the License tab empty indicating that no licenses are currently loaded.

4. Select **File > Import License.**

5. Browse to the location where the activated .`WibuCmRaC` is stored. Click **Import**.

6. AccessData License Manager now displays a serial number for the VCM on the Licenses tab and the VCM can now operate in a similar way to a hardware CodeMeter device.

Additional Instructions for AD Lab WebUI and eDiscovery

This section provides additional information for enabling the Web User Interface to recognize a VCM.

To enable AD Lab WebUI and eDiscovery to use VCM

1. Open Registry Editor.
2. Navigate to the following key:

   `HKEY_LOCAL_MACHINE\SOFTWARE\AccessData\Products`

   Add the following DWORD registry string to the key and set the value to 1:

   `HKEY_LOCAL_MACHINE\SOFTWARE\AccessData\Products | EnableACTTest`

The *AccessData License Service* will know to expect a VCM when *EnableACTTest* is set to "1."

Virtual CodeMeter FAQs

Q: How do I get a Virtual CodeMeter (VCM)?

A: Contact your AccessData product sales representative. They will provide you with a VCM confirmation code.

Q: How do VCMs work?

A: A VCM operates in almost exactly the same way as a hardware CodeMeter device, except that they exist as a file stored on the hard disk. During activation, the VCM file (named with a WBB extension) is tied to the hardware of the system using unique hardware identifiers. Those unique identifiers make VCMs non-portable. When AccessData License Manager is launched, it will automatically load the VCM and display its license information. From there, you can refresh, remove, add existing licenses, etc just the same you would with a hardware security device.

Q: Are VCMs supported on virtual machines (VM)?

A: No. Due to the fact that virtual machines are portable and VCMs are not, VCMs are not supported on virtual machines. Currently it is recommended to use AccessData Network License Service (NLS) to license systems running as virtual machines. CLICK HERE for more information.

Q: Does the AccessData Network License Service (NLS) support VCMs?

A: The current release of NLS does not support using VCM as a network dongle. AccessData is considering this support for a future release.

Q: How can I "unplug" a VCM?

A: If you want to prevent License Manager from automatically loading the VCM you can "unplug" it by stopping the CodeMeter Runtime Service server and then moving (cut and paste) the WBB file to a new location (renaming the file does not suffice). By default the WBB file is located at:

> *32 bit systems:*
> C:\Program Files\CodeMeter\CmAct\
> *64 bit systems:*
> C:\Program Files (x86)\CodeMeter\CmAct\

Q: I have activated a VCM on my system, but now I need to activate it on a different system. What should I do?

A: Since a VCM is uniquely tied to the system on which it is activated, it cannot be moved to any other system. If you need to activate a VCM on a different system, you need to contact your AccessData Sales Representative.

Q: What if I need to reinstall Windows, format my drive, change my system's hardware, or back up my VCM in case of a disaster? Will the VCM still work?

A: The VCM can be backed up by simply copying the WBB file to a safe location. It can be restored by copying the WBB file to the CmAct folder. The VCM cannot be restored without a WBB file. If you do not have a backup of your WBB file, you will need to get a new confirmation code from your AccessData Sales Representative.

Q: My AccessData product does not seem to recognize the license stored on a VCM. What am I doing wrong?

A: VCMs are supported by the following versions of AccessData products:

- FTK 1.81.6 and newer
- FTK 3.1.0 and newer
- PRTK 6.5.0 and newer
- DNA 3.5.0 and newer
- RV 1.6.0 and newer
- eDiscovery 3.1.2 and newer
- AD Lab 3.1.2 and newer
- AD Enterprise 3.1.0 and newer
- MPE+ 4.0.0.1 and newer

Ensure that the version of the product you are running support VCMs. If the version you are running is listed as supported, verify that according to License Manager, the release date of the version you are running falls before the expiration date of the license.