



Computer Associates™

Fluke Networks OptiView
Integration for Unicenter NSM

Getting Started Guide

The logo for Tequipment.NET, featuring a large red 'T' followed by 'equipment' in blue and '.NET' in red. A small American flag icon is above the 'equipment' text.

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Chapter 1: Introduction to Fluke Networks OptiView Network Analyzer - Integration for Unicenter NSM

Integration Features

- Automated discovery of Fluke Networks products using SNMP top OID's.
- Population of these objects under Fluke Networks classes into the WV repository.
- Right-Click launching of the OptiView Network Analyzer Remote Browser.
- Trap translations for event management of all current Fluke Networks traps.

Chapter 2: Installing the OptiView Network Analyzer - Integration for Unicenter NSM

System Requirements:

- Normal requirements for Unicenter NSM.

Platforms Supported:

- Windows

CA Products and Versions:

- Unicenter NSM (3.1 and r11.x supported)

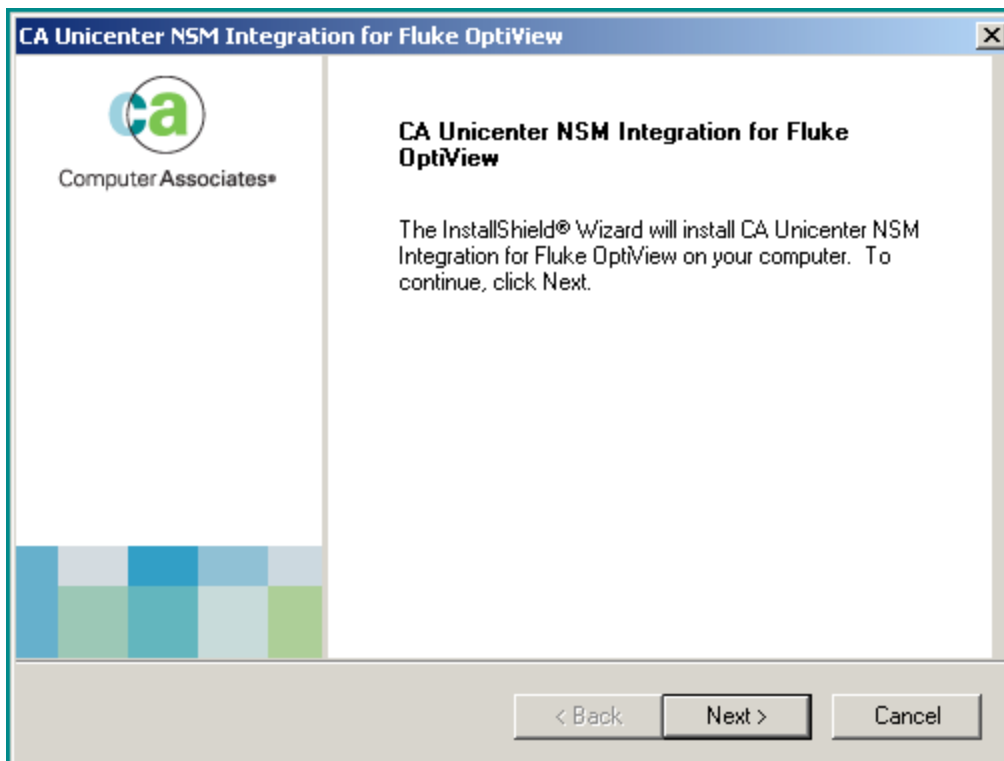
Fluke Networks Products and Versions:

At least one of the following Fluke Networks range of products and it's associated browser:

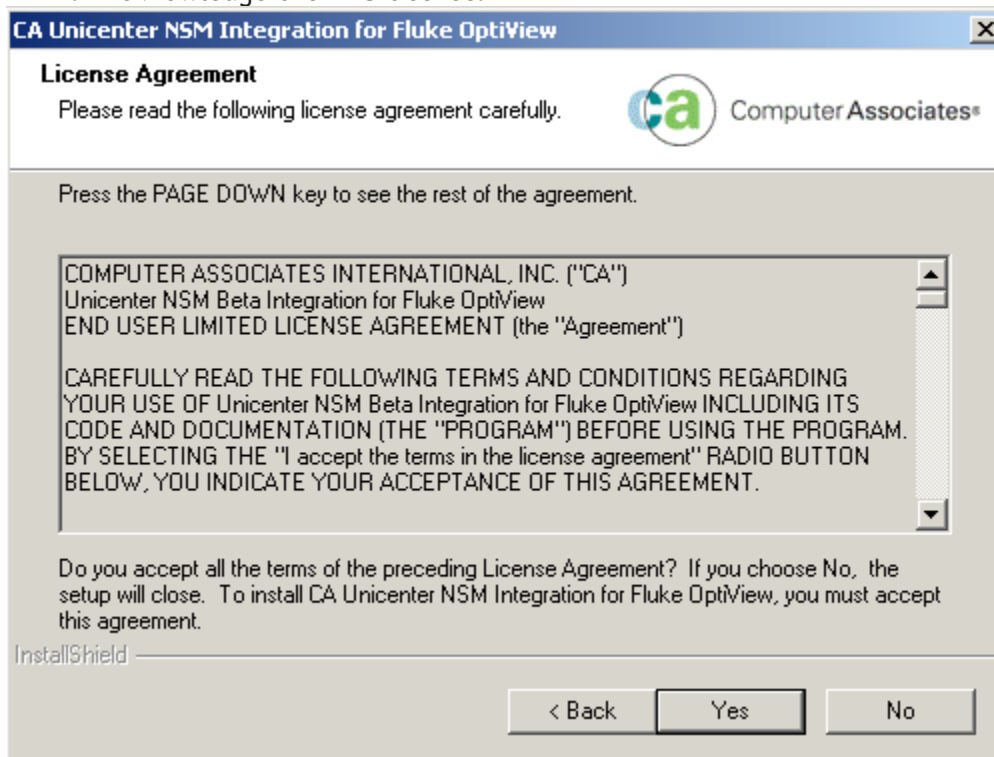
- OptiView Series II Integrated Network Analyzer
- OptiView Link Analyzer
- OptiView Protocol Expert
- OptiView OC3/OC12 WAN Analyzer
- OptiView T1/E1 WAN Analyzer
- OptiView Workgroup Analyzer

Installation

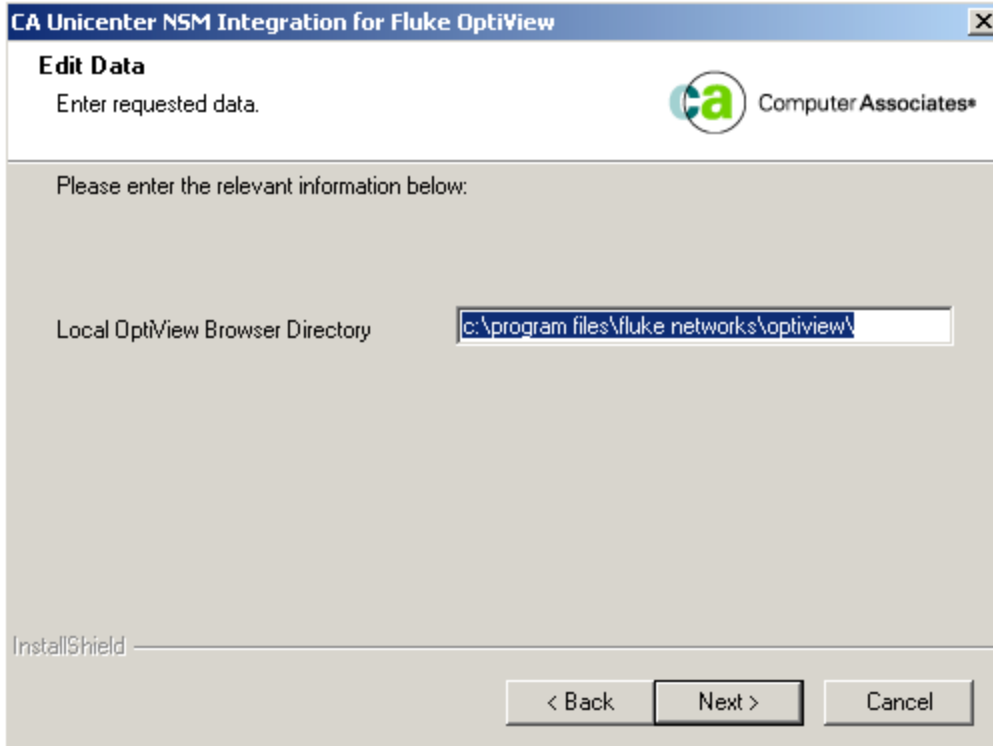
1. Run the setup file you received. The setup will check for requisites now and abort if either NSM or the OptiView Network Analyzer remote application has not been installed.



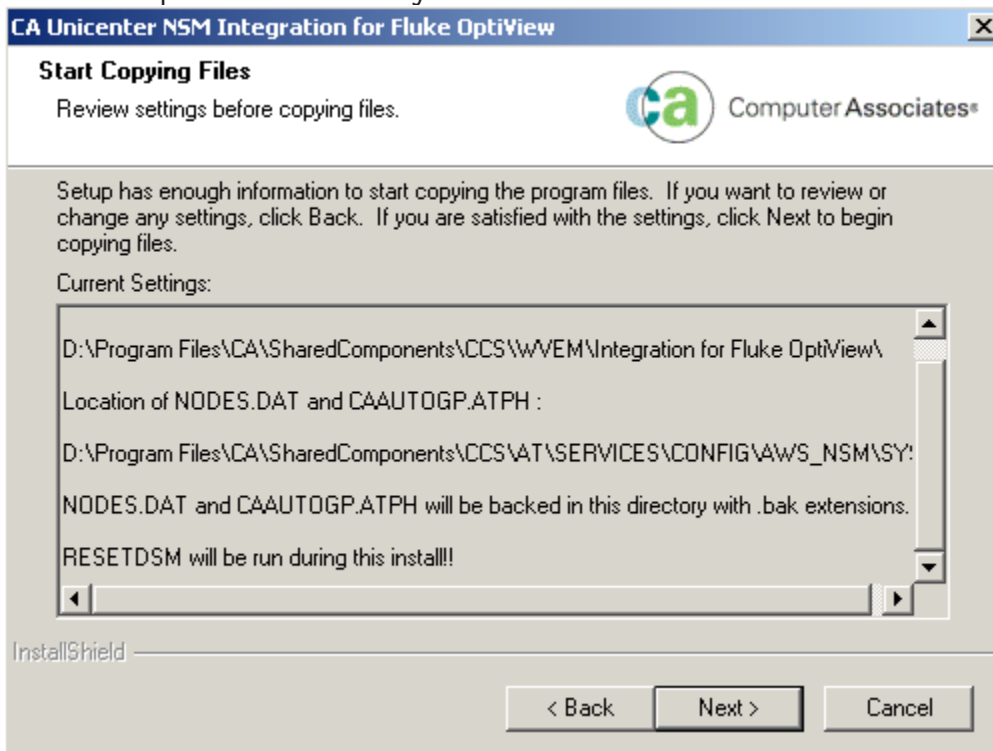
2. Acknowledge the FDU license.



3. Change or accept the place where the OptiView Network Analyzer browser is installed locally.



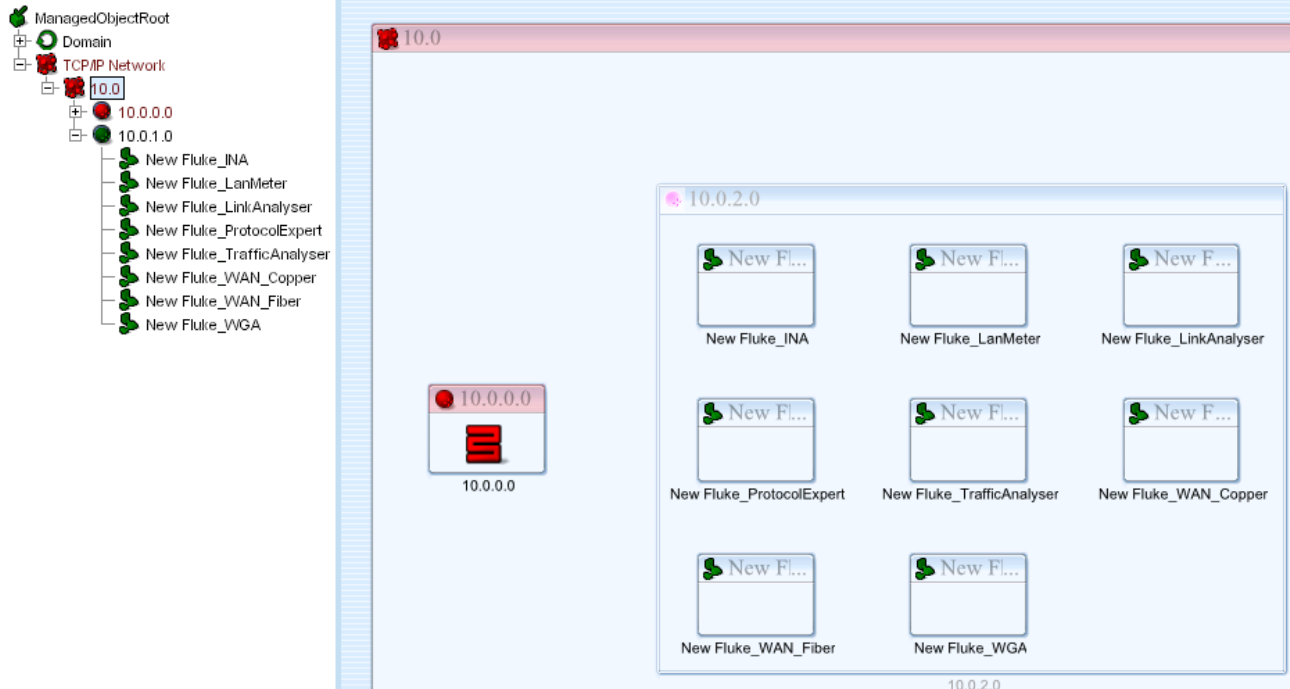
4. Accept the final summary screen.



Chapter 3: Using the OptiView Network Analyzer - Integration for Unicenter NSM

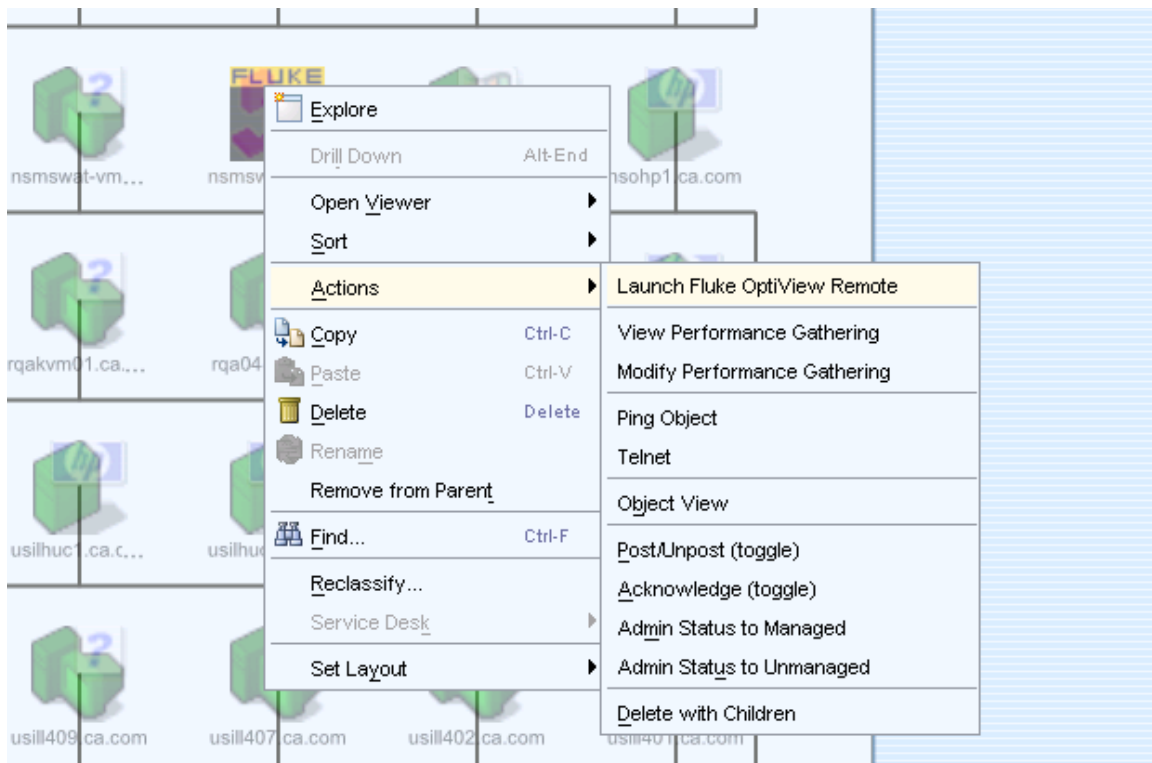
Automatic discovery

After installation the integration will be classifying your Fluke Networks, network devices automatically into the networks where they reside as they are discovered.



Right-Click Menus

You will have right-click menus on these objects to launch the local OptiView Network Analyzer remote browser.



Trap Translations for Event Management

Tips to get Trap Translation started:

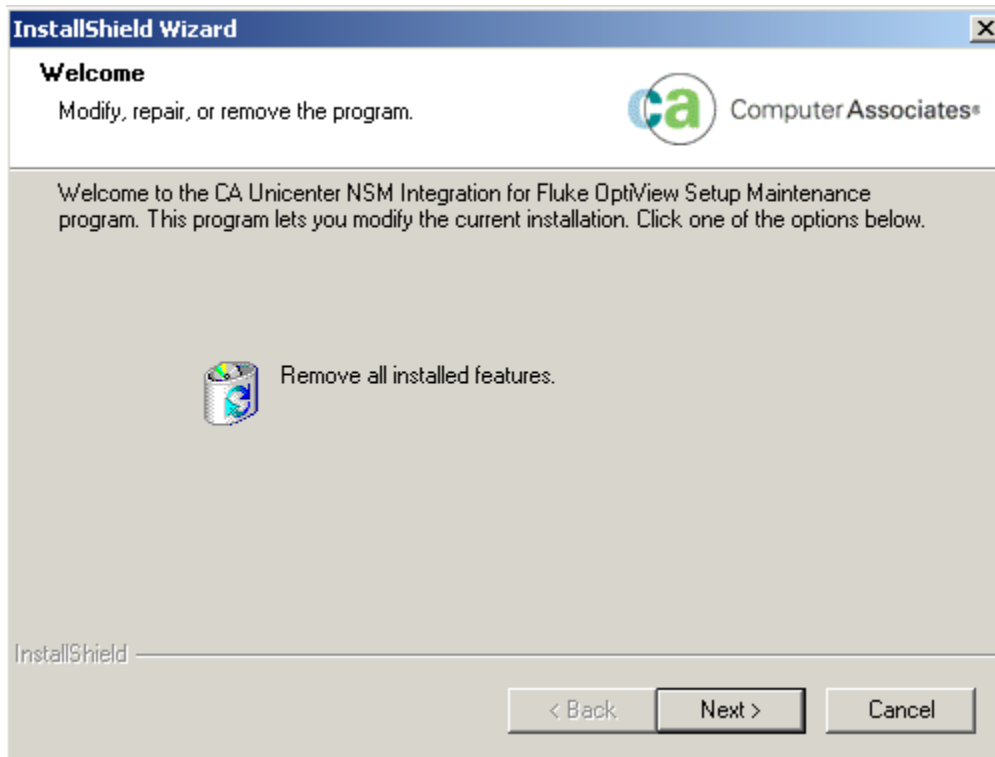
- Install Microsoft SNMP Trap Management Service and set USE_MGMT_API to YES in aws_snmp.cfg, reboot.
- Start the catrapd on the command line, then check in console log that it started.
- Make sure your Fluke Networks device is configured to send the traps to this manager.

Here is an example of the trap manager starting up and the traps from a Fluke Networks device when pressing the “Rerun Test” button on the main page.

13:46:32	%CATD_I_420, 2 MIB records were loaded into cache
13:46:32	%CATD_I_302, SNMP Trap Manager is using Trap translation tables.
13:46:32	%CATD_I_305, SNMP Trap Manager is listening for V1 and V2C traps.
13:47:56	Security_540_S: Successful Network Logon: User Name: Domain: Logon ID: (0x0,0x1E140B) Logon Type: 3 Logon Process: NtLmSsp Authentication Package: NTLM W
13:47:58	%CATD_I_066, probRerunTest: ovTrapAgentSysName: OptiView-a20126, ovTrapSeverity: 1, ovTrapStatus: 1, ovTrapDescription: 141.202.229.140 cleared historica
13:47:59	%CATD_I_066, probDS1Alarms: ovTrapAgentSysName: OptiView-a20126, ovTrapSeverity: 5, ovTrapStatus: 1, ovTrapDescription: T1 DCE Alarms exceed threshold :
13:47:59	%CATD_I_066, probDS1Alarms: ovTrapAgentSysName: OptiView-a20126, ovTrapSeverity: 5, ovTrapStatus: 1, ovTrapDescription: T1 DTE Alarms exceed threshold :
13:48:02	Security_538_S: User Logoff: User Name: ANONYMOUS LOGON Domain: NT AUTHORITY Logon ID: (0x0,0x1E140B) Logon Type: 3
13:48:07	%CATD_I_066, probDS1LinkDown: ovTrapAgentSysName: OptiView-a20126, ovTrapSeverity: 5, ovTrapStatus: 1, ovTrapDescription: Link Down due to T1 DCE errors
13:48:07	%CATD_I_066, probDS1LinkDown: ovTrapAgentSysName: OptiView-a20126, ovTrapSeverity: 5, ovTrapStatus: 1, ovTrapDescription: Link Down due to T1 DTE errors
13:48:11	%CATD_I_066, probDS1Errors: ovTrapAgentSysName: OptiView-a20126, ovTrapSeverity: 5, ovTrapStatus: 1, ovTrapDescription: T1 DCE Errors exceed threshold : 5
13:48:11	%CATD_I_066, probDS1Errors: ovTrapAgentSysName: OptiView-a20126, ovTrapSeverity: 5, ovTrapStatus: 1, ovTrapDescription: T1 DTE Errors exceed threshold : 5

Chapter 4: Removing the OptiView Network Analyzer Integration for Unicenter NSM

1. Run the provided set-up file, or use the Add/Remove applications panel of windows to start the de-installation.



2. Accept the Remove all installed features.
3. Integration will de-install deleting all Fluke Networks objects and classes from the WV, and then run a **resetsm skipwv** to clear the Agent Technology changes.
4. Restart your Agent Services with **awservices start**.