



Auto-Count Quality Module Installation Guide

Version 2026.1



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 Auto-Count | Auto-Count Quality Module Installation Guide

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Introduction

Welcome to Auto-Count 4D Quality module. During production, operators are often required to perform quality checks and tests before proceeding with a run or during a run. Auto-Count can display these tests and questions on the screen for the operator to complete. You must install and use the Quality module to create WIP quality tests and questions for your operators.

Note This is license-specific module of Auto-Count and requires a password to successfully install and use. Please contact Support to obtain this password.

Contact Information

ePS Support	
Web Site:	https://communities.epssw.com
E-Mail:	dmi.support@epssw.com
Documentation Portal:	https://epsdoc.myprintdesk.net/DSF/

Note For problems involving infrastructure (i.e., computers, networks, operating systems, backup software, printers, third-party software, etc.), contact the appropriate vendor. We cannot support these types of issues.

Getting Started

About This Guide

Use this guide to install the Quality module for the Auto-Count 4D product. Please follow the requirements and read the instructions in their entirety before planning your installation.

Requirements

- Auto-Count version 19.1.1.208 or higher installation files
- IIS URL Rewrite 2.1

Resources

To learn how to use the Quality module, please see *Auto-Count Quality Module User Guide*.

To learn more about how to install Plant Manager and Auto-Count, including Plant Manager Browser, please see the *Plant Manager and Auto-Count Installation Guide*.

To learn how to use the report writing tool, Label Designer, please see *Auto-Count Label Designer Install & User Guide*.

What are Quality Questions and Tests?

The Quality module is used to create Quality Questions and Quality Tests. But what's the difference? Both are created in the same way, triggered mostly by the same types of events like end of output or time elapsed. The key is to understand that questions are used to gather information pertaining to the machine or materials during the entire run. Questions are linked to production – the process that produces the output. For example, asking the operator to check the oven temperature of an extruder machine to ensure it is ready for production. Or check the quality of the material on the infeed. Questions are used to prompt the operator to check the process or state of the machine prior to or during production.

Tests are designed to gather information **specifically on the output** product like a roll or pallet. Once it has completed production, is it up to specification? To determine this, an operator must perform a quality check on the product to ensure proper specifications have been achieved. This can be machine-based or specific to a job like checking if the customer's corporate color is correct. Other examples include, measure the thickness of material, check for warping, measure the compressibility, etc. Sometimes the operator must take a sample and send it to the lab. While tests can be used to check machine attributes like questions, they are mostly used to test output product attributes.

The information gathered through the quality questions and tests is then sent to the MIS system which can act on the information as needed.

Tests Sent Directly from Radius

The Radius MIS can also send quality questions created in Radius directly to Auto-Count. This was an older method for the Quality Question functionality. To determine if a test or question came directly from your Radius system, open the Plant Manager SQL database, and open the QualityQuestion table. If there is a value in the AutoCount ID column, then that question was not created using the Quality Question module.

Tip When troubleshooting, if a question keeps displaying but you cannot find it in your list of questions in the Quality module, then check the QualityQuestion table in the Plant Manager database to confirm if the test came directly from Radius. If it has an AutoCount ID, then it came directly from Radius. You can make it inactive if needed.

Install Microsoft IIS URL Rewrite Module

You must have Internet Information Service (IIS) Rewrite Module installed before you can install and use the Quality Module. To check if this is installed, open IIS, select a web connection and you should see the URL Rewrite feature displayed. If not, follow these instructions to install it.

Note You only need to install the URL Rewrite Module once. Not with each upgrade.

Where do I find the installer?

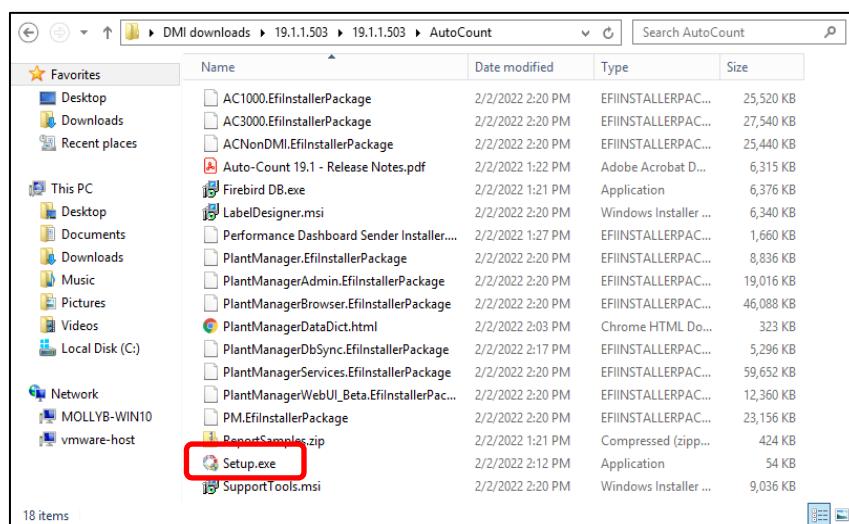
In 2022, Microsoft stopped using the Web Platform Installer tool which was used to install IIS URL Rewrite Module. Instead, they have a direct download page on their web site. Please navigate to that page (see below) and choose the correct version for your system.

<https://www.iis.net/downloads/microsoft/url-rewrite>

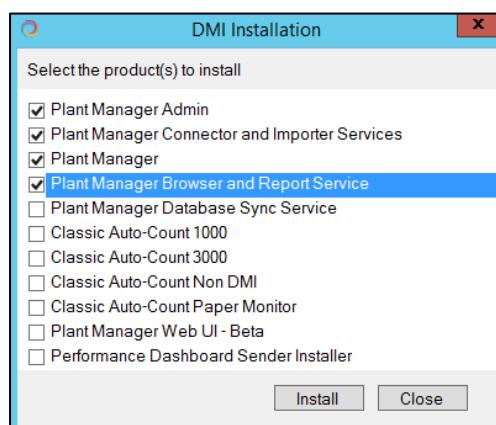
Install Plant Manager and Auto-Count

The next step is to install Plant Manager and Auto-Count as you normally would. If you are not familiar with these steps, please review the Plant Manager and Auto-Count Installation Guide. Below is an overview.

From the Auto-Count installation directory, select **Setup.exe**.



Select the following components and click **Install**.

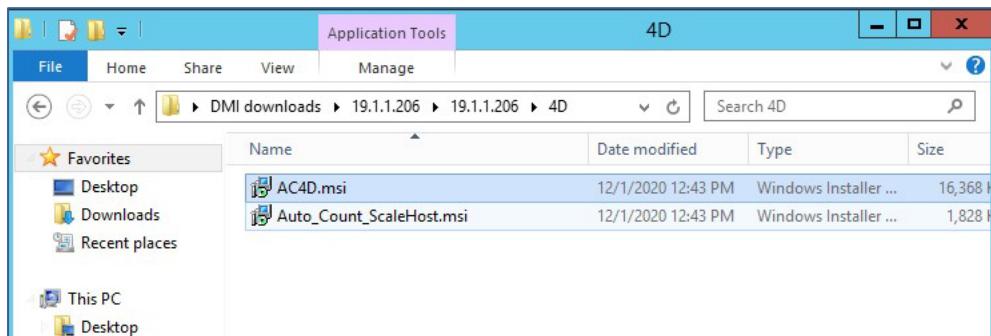


Open Plant Manager Admin from the desktop shortcut and update your database if this is an upgrade.



Install Auto-Count 4D

Next, update your Auto-Count 4D version. Run AC4D.msi and follow the prompts. If you do not have Automatic Updates installed, run the Launcher and upgrade your Auto-Count 4D machines.

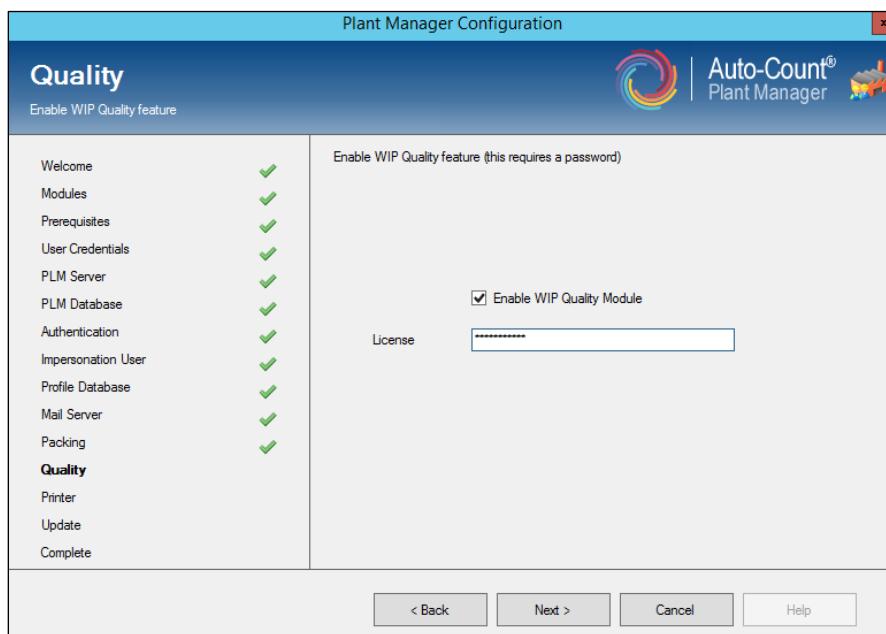


Run Plant Manager Configuration

To install the Quality Module, you must run Plant Manager Configuration.



Follow the prompts as you normally would until you get to the screen called Quality. Enable the WIP Quality Module and enter your license password. (Contact Support for the license password.)



Using the Quality Module

Now you can run the Quality Module from either the Plant Manager Browser (Shop Floor Monitor) web page or the Plant Manager Web site.

There are two menu buttons which allow you to create Test and Quality questions and another to review the results.

The screenshot shows the 'Shop Floor Monitor - Icons' interface. On the left, there's a vertical sidebar with icons for Home, Reports, and a red-highlighted 'TEST' icon. Below the sidebar, several machine status cards are displayed in a grid:

- 009 - Loom 01: Idle 08:18, 0% completion, green progress bar.
- 010 - Loom 02: Idle 08:18, 0% completion, green progress bar.
- 011 - Loom 03: Idle 08:18, 0% completion, green progress bar.
- 013 - Loom 05: Idle 08:18, 0% completion, green progress bar.
- C100 - Test Machine for EMU jobs: Idle 08:18, 0% completion, green progress bar.
- P300G-P1 - P300 6 col Flexo 40" - P: Idle 08:18, 0% completion, green progress bar.

The screenshot shows the Plant Manager Web site navigation menu. It consists of a 3x5 grid of icons:

- Row 1: PLANT (green factory icon), AUTO-COUNT (blue printer icon), COUNT CONFIGURATION (yellow document icon), CUSTOMERS (purple people icon), EMPLOYEES (blue office icon).
- Row 2: OPERATIONS (green briefcase icon), COST CODES (orange barcode icon), DAMAGE CODES (purple gear icon), SHIFTS (blue calendar icon), GROUPS (black people icon).
- Row 3: DMI DEVICES (grey graph icon), QUALITY (blue clipboard icon), QUALITY TESTS (green clipboard icon), TRANSACTION (blue hourglass icon).

A red box highlights the 'QUALITY' and 'QUALITY TESTS' icons in the bottom row.