

QualityWindow

The continuous improvement software



QW 6 Install Instructions

Busitech's Recommended Network Deployment Guide

December 3, 2024

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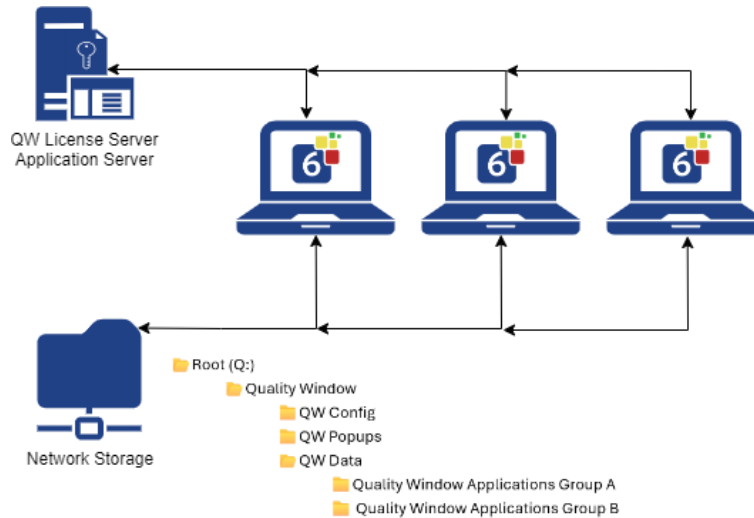
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Overview

This document is intended to be provided to IT teams as a recommended approach to successfully deploy Quality Window 6 platform in a network environment with multiple devices running Quality Window. These instructions do not include all the configurations for Quality Window, instead these instructions are intended to get Quality Window deployed in a way to makes it easy for users to use and further configure the platform.

These steps are Busitech’s recommendations based on our best practices, not hard requirements.



Example Architecture

Upgrading from Quality Window 5?

If you are upgrading from Quality Window 5, please review our [Upgrade Guide](#) for specific details on this process.

Key Resources

Before upgrading there are several key resources the IT personnel responsible for this upgrade should review before deploying this upgrade.

1. [QW License Server](#)
2. [Distributing Shared Resources](#)
3. [Security Guide](#)
4. [Busitech’s Knowledge Base](#)

Preparation Work

Busitech recommends the following tasks should be completed before starting the QW6 deployment.

1. Security Review
2. Identify Devices
3. Reconfigure Network Folders

Security Review

Busitech recommends an internal security review with stakeholders of the Quality Window security capabilities. The needs across organizations can vary greatly so Busitech does not have a one size fits all recommendation except that QW Administration should be limited only some users that should be able to make changes to the configuration and QW Applications.

See our [security guide](#) for comprehensive review of the available security features.

The instructions in this document will not further cover security, though do support an easy update process for security settings with these recommended steps.

Identify Devices




The Quality Window Stakeholders should provide the following details about which devices (computers) Quality Window 6 needs to be installed on.







1. Which devices need to have Quality Window installed.
2. For each device, should it have the Quality Window Administrator installed or not
 - a. For example, it is common to not install the administration tools on devices that are on the shop floor/ production line.

	Computer Name/Identifier/User	Requires Admin	Additional Comments
1	Admin Lab Machine	Yes	Reference installation will configure shared resources
2			
3			
4			
5			
6			
7			
8			
9			
10			

Busitech’s recommendation for Network Folders structure

Typically, a network share is setup for users to share configuration and data files. Busitech recommends that the following hierarchy and folder structure to host all the shared configurations and Quality Window application data on a network folder. This is not a requirement, but instead a good way to organize data to enable easy discovery by users and easy to manage for IT organizations.

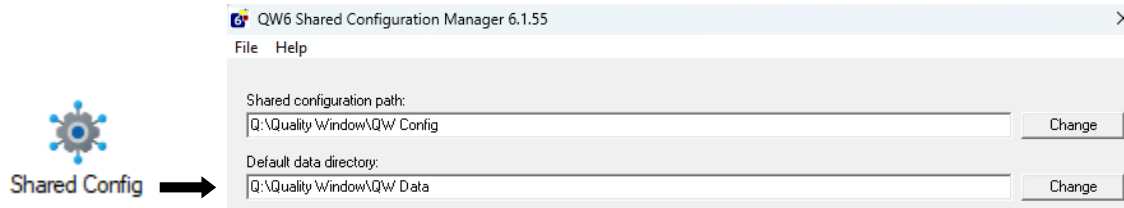
-  Root (Q:)
 -  Quality Window
 -  QW Config
 -  QW Popups
 -  QW Data
 -  Quality Window Applications Group A
 -  Quality Window Applications Group B

Folder	Description of content
 Root (Q:)	Root of network drive/share/folder, May contain different folders for different business tasks and applications.
 Quality Window	Parent folder to contain all Quality Window related data and files
 QW Config	Folder to contain all configuration files that Quality Window uses: <ul style="list-style-type: none"> • QWRule.iqw • QWUnits.iqw • QWStats.iqw • QWScript.qwx6 • QWSecure.QWDB • QWData.QWSDB
 QW Popups	Folder to contain Popups. Popups can be shared across multiple applications and should be stored in an easy to find single location. This folder may need to be split up to accommodate multiple groups or departments such as process vs quality teams. In these cases, Busitech would recommend creating subfolders in this folder.
 QW Data	Parent folder for all Quality window Applications
 Quality Window Applications Group X	If you wish to categorize or group QW applications create folders to group those applications here.

This configuration has the benefit of making it easy to manage, backup and contain all QW items in a single location.

If using this method, QW installations should be configured as you see below. Steps will be provided below.

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Recommended Installation Steps

Now that all your preparation work has been completed you are ready to start your installations.

The installation of Quality Window in a network environment should begin with installing our QW License Server which is used to host concurrent licenses for client devices.

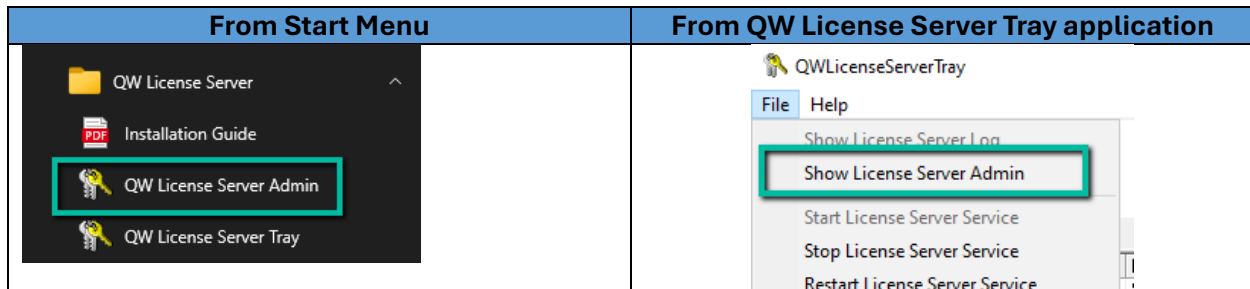
Install QW License Server

Follow the [QW License Server installation instructions](#) as a first step in deploying Quality Window to your network environment.

Configure Default Data Directory and Shared Configuration path in QW License Server

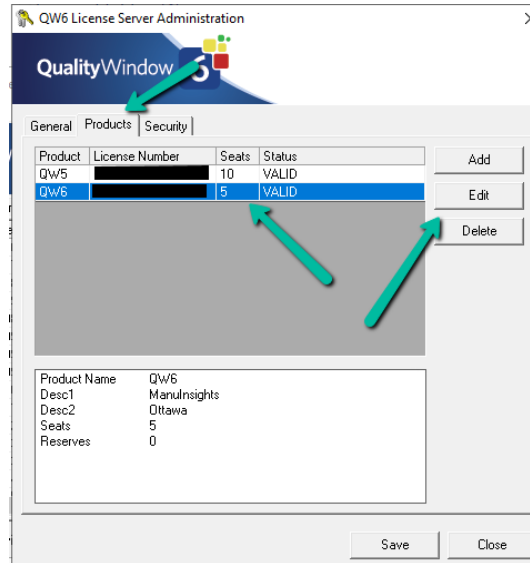
Busitech has a feature in QW License Server that allows the values for shared configuration and Default data directory to be pushed down from to clients when the connect to QW License Server.

In QW License Server, open the QW License Server Admin console.



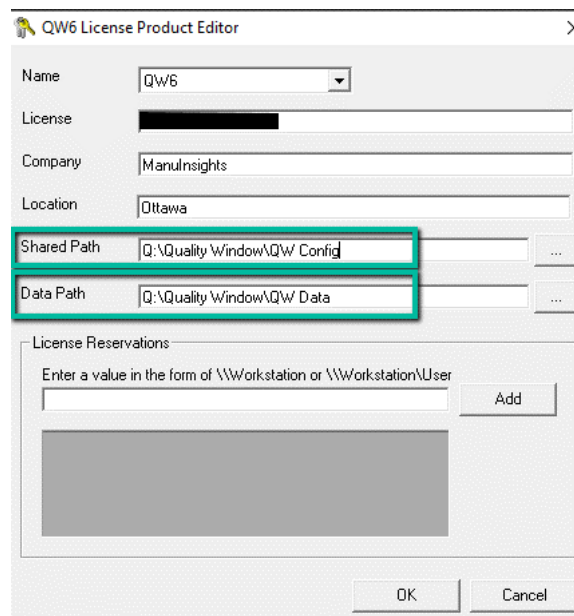
Select the products tab then select the QW6 product in the product list and then click edit button to edit the QW6 product entry.

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In the product editor, add the following values for your shared path and data path that you created in the preparation step for network folder setup above:

Shared Path	Q:\Quality Window\QW Config
Data Path	Q:\Quality Window\QW Data



Click ok and then save on the admin console. Ensure to restart the License server. Sometimes, using the built-in restart service does not work, it is recommended to go to the windows services console and restart the service manually.

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Install Quality Window on Devices

Ensure you have our latest version which can be downloaded from this location.

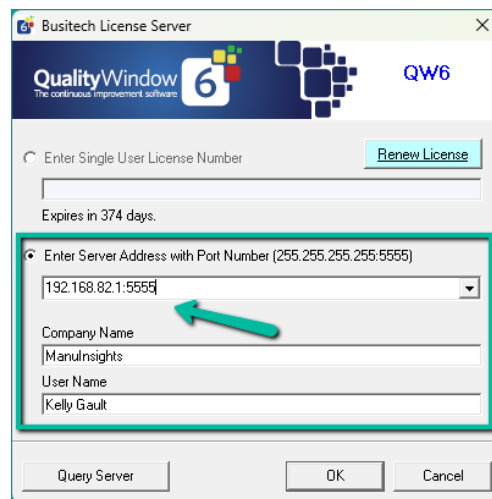
<https://busitech.com/download-quality-window/>

Using the [Identify device table from above](#)

Run the downloaded MSI package, choose which appropriate installation type on each device.

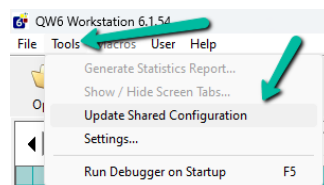
Connect to License Server

After successfully completing the installation, you will want to run QW Workstation which should prompt you to enter your license information. Select the “Enter Server Address” option and provide a server IP address and port number for your license server (eg: 192.168.0.50:5555). You can optionally enter company and user information, though this data is not typically used.



Force update Shared Config

Once successfully connected we recommend you force update the shared configuration by clicking the Tools → Update Shared Configuration Menu.

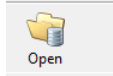


Validating your installation

The last step is to validate your installation.

In QW Workstation click open application

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Note the default folder the open dialog is defaulted to. If it is defaulting to the folder set above as the default data directory “Q:\Quality Window\QW Data” then your configuration is correct and you can consider your upgrade completed. Repeat this process for all devices.

Automation Options for Quality Window 6 Installer

This section provides IT teams with automation options for deploying the Quality Window 6 installation package. These instructions apply to version 6.1 or later and have been fully tested with version 6.1.142 or later.

NOTES:

1. Silent installation cannot be successfully completed on devices with only Quality Window 5 installed (and no prior instance of Quality Window 6) due to prompts related to upgrading data from QW5.
2. *The Log option is always optional.* `"/l*v \"install.log\"`
3. Replace “QW6.1.0Install.msi” with the actual installer filename which varies per version.

QW Workstation Installation

Default Installation Folder

Command: `msiexec /i \"QW6.1.0Install.msi\" /quiet /l*v \"install.log\"`

Custom Installation Folder

Command: `msiexec /i \"QW6.1.0Install.msi\" INSTALLFOLDER=\"C:\CustomFolder\" /quiet /l*v \"install.log\"`

QW Administrator Installation

Default Installation Folder

Command: `msiexec /i \"QW6.1.0Install.msi\" ADDLOCAL=AdministratorTools /quiet /l*v \"install.log\"`

Custom Installation Folder

Command: `msiexec /i \"QW6.1.0Install.msi\" INSTALLFOLDER=\"C:\CustomFolder\" ADDLOCAL=AdministratorTools /quiet /l*v \"install.log\"`

Repair Options

Use these commands to repair a Quality Window 6 installation silently

Default Repair

- Re-installs files if they are missing or if the installed file is a different version or checksum.

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- Rewrites all required machine-specific registry entries.
- Rewrites all required user-specific registry entries.
- Re-installs all shortcuts.

Command: `msiexec /f \"QW6.1.0Install.msi\" /quiet /l*v \"install.log\"`

Aggressive Repair

- Performs all actions included in the Default Repair.
- Re-installs files even if the versions are the same.

Command: `msiexec /fvomus \"QW6.1.0Install.msi\" /quiet /l*v \"install.log\"`

Troubleshooting

There are no specific troubleshooting steps for this installation. It should be relatively simple. Should you encounter an issue, it is best to contact Busitech @ support@busitech.com for assistance.