



VisiQuick WebLink Installation and Configuration

Version 2.0.54 - user interface and silent installation

Introduction

VisiQuick WebLink is the local bridge between a browser based administration or PMS application and VisiQuick. The installer places the WebLink agent, registers the configuration, copies the required VQDDE32 files, and preserves existing configuration during updates.

VisiQuick must be installed before VisiQuick WebLink is installed.

Neither VisiQuick nor WebLink should run with elevated privileges. If elevated privileges are required, for example to control OPG or CBCT equipment, contact our helpdesk to discuss needed adjustments.

Interactive installation

Start the Inno Setup installer without silent parameters:

`VisiQuickWebLinkSetup_2.0.54_Inno.exe`

The wizard lets the installer review or configure:

- The VisiQuick application folder and WebLink installation folder.
- The WebLink configuration file location. Setup first tries the central VisiQuick DbServerFolder\Config location and otherwise uses a local WebLink configuration folder.
- The link identifier, bind address, and port.
- Optional setup actions such as URL ACL, firewall rule, Windows autostart, desktop shortcut, and starting WebLink after installation.
- Migration from the old computer based WebLink installation when one is detected.

Silent installation

Typical silent installation:

`VisiQuickWebLinkSetup_2.0.54_Inno.exe /VERYSILENT /LinkIdentifier=MyPMS /Port=8083 /BindAddress=127.0.0.1`

Silent installation with an explicit Inno Setup log:

`VisiQuickWebLinkSetup_2.0.54_Inno.exe /VERYSILENT /LOG="C:\Temp\VisiQuickWebLink_InnoSetup.log" /LinkIdentifier=MyPMS /Port=8083 /BindAddress=127.0.0.1`

The helper log is written to %TEMP%\VisiQuickWebLinkSetup.log. If the helper fails during a silent Inno installation, the Inno log includes the helper exit code and the last helper log lines.

Silent update

For a silent update of an existing WebLink 2.x installation, normally start the installer with only:

`VisiQuickWebLinkSetup_2.0.54_Inno.exe /VERYSILENT`

Setup automatically finds the existing WebLink registration and configuration file. Existing values such as the configuration file location, link identifier, bind address, port, and local startup setting are preserved.



An existing value is changed only when the corresponding parameter is explicitly supplied on the command line. Use /LinkIdentifier, /IdentifierHash, /Port, /BindAddress, /ConfigPath, or /ConfigDir only when that value must be changed during the update. For every explicit override, the helper log records both the existing value and the command-line value.

Silent migration from WebLink v1.0

Silent migration from the old computer based WebLink v1.0 installation is controlled with the following parameters:

```
VisiQuickWebLinkSetup_2.0.54_Inno.exe /VERYSILENT /Migration=auto /MigrationCentralConfig=true
```

```
VisiQuickWebLinkSetup_2.0.54_Inno.exe /VERYSILENT /Migration=auto /MigrationCentralConfig=false
```

```
VisiQuickWebLinkSetup_2.0.54_Inno.exe /VERYSILENT /Migration=never
```

- /Migration=auto is the default and checks for an old computer based WebLink v1.0 installation.
- When an old installation is found and no new WebLink configuration exists yet, compatible settings and the old vqdde32.ini are imported.
- Migration backup files are written below %ProgramData%\Citodent Imaging BV\VisiQuick WebLink Migration Backups.
- /MigrationCentralConfig=true places the migrated configuration in the central VisiQuick DbServerFolder\Config location.
- /Migration=never or /NoMigrationCheck=true skips the old installation check.

Silent parameters

Parameter	Example	Description
/LinkIdentifier=...	/LinkIdentifier=MyPMS	Identifier used by the PMS. Ask your PMS provider which Identifier to use. Stored as a hash.
/IdentifierHash=...	/IdentifierHash=<sha256>	Use when the hash is already known centrally.
/Port=...	/Port=8083	Local port used by the WebLink agent. The port must not already be in use by another process and must be allowed through the (Windows) Firewall.
/BindAddress=...	/BindAddress=127.0.0.1	IP address the agent listens on. Use loopback for normal installations.
/VisiQuickDir=...	/VisiQuickDir="C:\VisiQuick"	Folder where VisiQuick is installed.
/InstallDir=...	/InstallDir="C:\VisiQuick\WebLink"	Overrides the default installation folder.
/ConfigPath=...	/ConfigPath="D:\VQData\Config\VisiQuickWebLink.ini"	Full path to the WebLink configuration file.



/ConfigDir=...	/ConfigDir="D:\VQData\Config"	Uses <ConfigDir>\VisiQuickWebLink.ini.
/StartVisiQuickOnWebLinkStart=true false	/StartVisiQuickOnWebLinkStart=false	Controls automatic VisiQuick startup for this workstation.
/Migration=auto never	/Migration=auto	Controls the old installation migration check.
/MigrationCentralConfig=true false	/MigrationCentralConfig=true	Used when silent migration runs.
/UseTls=true false	/UseTls=false	TLS is off by default. Enable only when explicitly required.
/NoUrlAcl	/NoUrlAcl	Skips URL ACL. URL ACL is permission to listen on the configured port.
/NoFirewall	/NoFirewall	Skips the (Windows) Firewall rule.
/NoAutoStart	/NoAutoStart	Does not register WebLink to start with Windows.
/NoShortcut	/NoShortcut	Does not create a desktop shortcut.
/NoStart	/NoStart	Does not start WebLink after installation.
/LOG="..."	/LOG="C:\Temp\VisiQuickWebLink_InnoSetup.log"	Inno Setup logging parameter.

Automatic VisiQuick startup

Automatic startup is controlled centrally and per workstation. Workstation specific keys have priority over the central default.

- StartVisiQuickOnWebLinkStart_<COMPUTERNAME> applies to one workstation.
- StartVisiQuickOnWebLinkStart is the central default for workstations without their own override.
- If both settings are missing, automatic startup is enabled by default.

Configuration files

The local WebLink application folder contains vqdde32.dll, vqdde32.ini, and vqdde32cfg.exe. These files are bundled with the installer. During updates, an existing local vqdde32.ini is preserved.

WebLink is intentionally built as a 32 bit x86 process because it communicates with vqdde32.dll. A 64 bit process cannot load vqdde32.dll.

VQDDE remains responsible for workstation, user, client, working directory, program directory, and clipboard routing through the active vqdde32.ini profile.



Security recommendations

VisiQuick WebLink creates a local HTTP interface between an external administration or PMS application and VisiQuick. Because this interface can open patients and retrieve image data, it must be installed and configured with care.

- Use WebLink only to bind to 127.0.0.1.
- Do not expose the WebLink port directly to the wider LAN, VPN, internet, guest network, or unmanaged devices.
- Configure the (Windows) Firewall so only the intended local process or trusted workstation can reach the WebLink port.
- Do not share the WebLink configuration file with parties that do not need it.
- Install WebLink only on trusted workstations or servers where VisiQuick access is intended.
- Keep VisiQuick, VQDDE32, Windows, antivirus, and WebLink updated.

Important limitation: WebLink is designed as a local integration bridge. WebLink is not suitable for use in a RDS environment, because WebLink cannot safely distinguish multiple users, practices, or VisiQuick working directories.

Post installation check

- Check that VisiQuick WebLink is visible in the system tray.
- Open the tray UI and verify the identifier, port, and configuration path.
- Verify that the configured port is not in use by another process and is allowed through the (Windows) Firewall.
- Use Reset VisiQuick connection from the tray UI when VQDDE or VisiQuick communication appears stale.
- Test the browser integration through the connected administration package or approved WebLink test client.
- For setup issues, check %TEMP%\VisiQuickWebLinkSetup.log and the optional Inno /LOG output.