

# QTech Workbench

## Version 2.8

## March 2021

## Table of Contents

QTech Workbench Version 2.8 March 2021	1
Introduction	3
Summary of New Features	4
Changes in this release include:	4
Summary of Resolved Issues	4
Summary of Known Issues	5
Prerequisites for Upgrade	6
Disclaimer	7
Ongoing Support	7
Contact	7

# Introduction

QTech are delighted to release QTech Workbench version 2.8.

QTech Workbench is the Microsoft Windows based configuration utility for various QTech products including DATRAN XL4 and XL4 *Plus* RTUs, WRTU's, QDR Digital Radios and Q48 Point to Point and Q48 Multi-Point Controllers.

This release corrects a number of issues and adds new features and capabilities.

QTech strongly recommends that all DATRAN integrators upgrade to this version of QTech Workbench.

Your feedback on the product and possible future enhancements is always appreciated.

Please contact QTech on +64 3 366 3713, or email to [techsupport@qtech.co.nz](mailto:techsupport@qtech.co.nz)

# Summary of New Features

These new features have been introduced into this release:

- Support of the Q48 Multi-Point Controller (Q48-MPC) when used with Rev. E WP2P devices as slaves, with backwards compatibility to older (Rev B,C,D) WP2P hardware
- Configuration of WP2P to operate as a slave device for the Q48-MPC
- Support for the RF23 1W radio module in the Q48-MPC and QTech Digital Radio (QDR)
- Support for the Water-Insight Tank Level Monitor (TLM) configuration
- Addition of configuration for inter character timeout in XL4 *Plus* over serial channels

# Changes in this release include:

These changes have been introduced into this release:

- Display of analogue values in the XL4 *Plus* in metered, Percentage and raw formats, providing backwards compatibility with XL4
- Older revisions of WP2P hardware, will interoperate with newer rev E hardware versions if they are configured to run in a newly defined Rev E compatible mode.

# Summary of Resolved Issues

The following issues have been resolved since the previous release:

- Fix to a problem in the XL4 *Plus* configuration that incorrectly removes the wrong Modbus action when selected.
- Changes to the sizing of Workbench window to prevent display items and controls from inadvertently being obscured or overlapping
- Clearly identifies the power output level scaling for 100 mW and 1W in a consistent manner
- Configuring the DF1 Master Data Mapping, now allows one to start the Real Analogue Input numbering at 7 instead of 17, thus eliminating an unnecessary gap in the mapping table.

# Summary of Known Issues

These issues have been identified in this release and will be fixed in future releases:

- The running status of a DLP (Downloadable Program) cannot be viewed in Workbench to determine if it is loaded or running.

# Prerequisites for Upgrade

## Software Licensing

The QTech Workbench software is free to download from the QTech Website. There are two versions of the installation file available, with and without the Microsoft .NET framework bundled. Choose the installer with .NET Framework if the Framework is not already installed on the target machine (marked DN in the installer filename).

Run the installer and accept the software licencing agreement.

## Close Applications

Before installing it is recommended that you close all applications running on the target machine.

## PC Reboot

No rebooting of the target machine is required after the installation.

## Disclaimer

*While every endeavour has been made to ensure that the product description is accurate, details are subject to change. QTech Data Systems Ltd reserves the right to alter the system specifications if required. It is our firm intention to continue to develop the features of the DATRAN VI product range and add additional modules.*

*QTech Data Systems Ltd does not warrant the suitability of this product for any particular application as the conditions in which it is used are beyond our control. This is not withstanding warranty of merchantability.*

*Increasingly, systems are being connected to the Internet. QTech Data Systems Ltd cannot guarantee these services will be available or functional 100% of the time, because the integrity of network connections is beyond our control.*

## Ongoing Support

QTech Data Systems Ltd encourages clients to configure their systems to allow remote access via a directly connected modem or internet based VPN. This allows for off-site support from either QTech Data Systems Ltd staff, or in-house staff outside of work hours.

## Contact

### **QTech Data Systems Limited**

12 Midas Place, Middleton

Christchurch 8024

New Zealand

Phone: +64-3-366-3713

Fax: +64-3-365-2815

[www.qtech.co.nz](http://www.qtech.co.nz)

The circuit details and know how disclosed in this document are proprietary to **QTech Data Systems Limited** and shall remain the intellectual property of **QTech Data Systems Limited**.