

DATRAN VI

V6.75

Product Release Notice

DATRAN VI v6.75

December 2019





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Introduction

DATRAN VI version 6.75 is now available and is provided to all software maintenance agreement (SMA) holders.

Please log in to the Members section of the QTech website to download this software.

This version is an exciting and significant upgrade with many new features and enhancements.



A minimum of DATRAN v6.71.0 is a prerequisite for the use and integration of the new DATRAN XL4 *Plus* RTUs onto your SCADA system.

A Getting Started Guide is also provided to step you through the installation and help ensure a seamless introduction of the upgrade.

Your feedback on the product and possible future enhancements is always appreciated, so please do not hesitate to contact QTech on +64 3 366 3713 or email it to techsupport@qtech.co.nz.

This Release

The following sections detail the new features and user requested enhancements in this version of DATRAN VI. We have also resolved a number of requested tweaks and bug fixes. Please keep these improvement suggestions coming.

The Benefits of Upgrading

Software and hardware is continually evolving. Many of our customers have been using DATRAN for over 25 years, and it has remained a stable product on a variety of platforms, from the early DOS days, to the current Windows Operating Systems.

DATRAN VI is a major evolution of our early products and we feel that it combines the best of the features from all these products, along with a quality control program used to manage its development and release that is essential for software being used in the roles that DATRAN is used.

For all DATRAN VI users with a current SMA, this upgrade is available to download from the members section of our website.

We strongly recommend that all systems are updated to the current release, and suggest to DATRAN VI users without Software Maintenance Agreements (SMA) that they consider this significant upgrade, as this release will be where QTech is able to focus its direct support.

Summary of New Features and Modifications

This version:

- Now adds support for the Wireless RTU to DATRAN VI
- Provides support for synchronizing injects across multiple EPL Ripple Injectors in the Power Management service.
- Adds TCP Server support for new functionality in DATRAN OPC UA Server v1.5.

Wireless RTU (WRTU)

The DATRAN Wireless RTU is a cost-effective 900MHz radio-based solution for simple remote monitoring and control requirements. It is specifically designed for remote telemetry where only a few points of data are required.

Synchronous Mode for EPL Injectors

DATRAN's Power Management service now allows EPL ripple injectors to be controlled in "synchronous mode". When in synchronous mode:

1. DATRAN ensures that the same set of injection ref codes is injected across all synchronized injectors each inject cycle. Automatic inject scheduling will always schedule the same inject commands to all injectors, and manual inject requests are automatically broadcast to all injectors.
2. A transmission fail, comms fail or other error on any injector automatically halts all injectors.

TCP Server Support for OPC UA Server v1.5

DATRAN v6.75 provides an upgrade to TCP Server, which is required for DATRAN OPC UA Server v1.5. OPC UA Server is a standalone Windows application/service that allows client devices to connect to DATRAN using the OPC UA protocol and provides interoperability between DATRAN and third-party products and devices.

OPC UA Server v1.5 provides significant improvements over v1.4, including the ability to detect changes to the DATRAN TBD structure (node creation/deletion) in real time, among other minor features and bug fixes.

Prerequisites for Upgrade

Prior to upgrading to DATRAN VI v6.75 from any previous version, the following should be considered:

- If your current installation is older than v6.52, please contact us as there are additional tasks required to perform the migration.
- It is important that any sites that have RTUs with firmware older than v7.0 do not have any point count values of 255. If they do then either disable the site, upgrade the firmware, or set the point count value to 254, for example.

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

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