Qstart™ XML is a simple, user-friendly software utility that allows you to quickly setup and activate ADS ECHO™, RainAlert III™ and TRITON+™ monitors. Qstart™ XML also enables you to collect and review monitor data in hydrograph and tabular views simultaneously. An end-of-day Archive feature “zips-up” the modified data files and stores them in folders for easy import into other software packages. See below for the quick and easy steps to getting your ADS monitors up and running.

Qstart™ XML Software Installation:
Qstart™ XML is available from the ADS website at www.adsenv.com/software-downloads. Follow the instructions in the Qstart™ XML Installation Guide to download and install Qstart™ XML. Once installed, double-click on the Qstart™ XML icon on your desktop screen to launch Qstart™ XML. Upon initial launch, a Settings screen will display:

Enter or browse to the desired Data Path for your site folders (this must be a different Data Path from that used for the original Qstart™ software, if you still have it installed), and then select the correct communication ports for your computer, the desired Units of measure for your data, and the Data Format for the collected data. Then, click on OK. You are now ready to set up and activate your ADS monitor.

Qstart™ XML Main Screen:
**QstartXML Initial Setup:**

ADS recommends setting up a default location configuration file that you can use as a template for all subsequent monitor locations. Enter a logical name for the default location in the Location Name field (for example, enter “Default_Loc”).

1. Select the monitor Series for the default location.
2. Select the communication method from the Connect drop down list.
3. Enter 0 (zero) for the Serial Number.
4. Verify Circular is the correct pipe Type.
5. Verify the Devices list matches the devices to be used on the current project. Update as necessary from the Available Devices by clicking on the button. Select the Flow 1 or Flow 2 (for Monitoring Point 2) device and configure appropriately (as noted in Step 7) if you want to include flow rate in the collected data. QstartXML does not calculate flow rate; therefore, the monitor must be configured to log this entity.
6. Update each device with the appropriate parameters by selecting the device and clicking on the button. Select the Save and then button to create the new default location with your project-specific default parameters.

**QstartXML New Location Setup and Activation:**

1. Click on New.
2. Update Location Name with desired name for location you are configuring.
3. Enter the Serial Number of the monitor to be installed.
4. Enter the Manhole Depth as necessary.
5. Update the pipe Height and Width as necessary.
6. Update the device parameters as necessary by selecting the View button.
7. Once the parameters are updated, click on Save and then Activate. QstartXML will call and activate the monitor.
8. Click on when activation is complete.

**QstartXML Data Collection and Data Display:**

1. Click on Collect to upload data from the monitor.
2. Verify the specified date range to collect, and click on OK. QstartXML will collect the data and automatically display the data in both hydrograph and tabular format.
3. Click on when the data collection and review process is complete.
4. To view historical data from a location, click on Data and then verify the date range is correct, and click on OK.

**QstartXML Diagnostics:**

QstartXML provides three diagnostic functions:

1. Click on Status to review the operational integrity of the monitor.
2. Click on Read All to obtain instantaneous readings of all configured sensors.
3. Click on Connect and then View (once connected) to access the sensor diagnostic capabilities. Highlight the desired Device on which you wish to perform diagnostics and then click on View to obtain access to the device dialog of the individual sensor for which you want to take diagnostic readings.

**QstartXML Archive:**

At the end of the day, when all the data has been collected, click on. QstartXML will archive the data, the updated log files and any changes in the LIF to a zipped file in your location directory folder for retrieval into the software package of your choice. The files will contain .CSV and/or ADS bin files depending on the initial Settings configured.

**QstartXML Support:**

Online Help is available by clicking on the Help button on QstartXML’s main screen. It provides in-depth descriptions of each QstartXML function and should answer most questions that may arise while using the QstartXML software. Contact adssupportcenter@idexcorp.com if you have additional questions about QstartXML.