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## New Features for TranSend II and 600 Data Collectors with Release v1.5

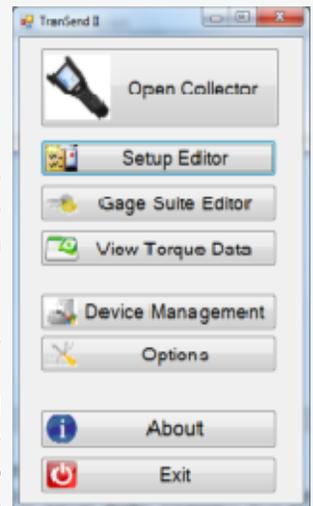
### Making it Easier to Collect Data Increasing Error Proofing Enhancing Data Analysis and Reporting

Version 1.5 provides several new features and functions that enhance the performance of the Model 600 Handheld Data Collectors as well as the TranSend II utility software that facilitates data transfer between data collectors and other applications.

Three new SPC reports - X-Bar & Range, X-Bar & Sigma and a Histogram, are dispatched directly to the 600's color high resolution screen, allowing operators to see the results of their data collection efforts analyzed and displayed in real time. In addition, the "view" key on the 600 can now be configured to bypass the intermediary menu and allow operators to go directly to the chart or table of their desires with a single key stroke. The TranSend II setup editor also supports entry of control limits, so that among other things, alarms can be set to trigger on violations of XUCL, XLCL, RUCL and/or sUCL.

Other timesavers and efficiency builders include:

- > Insertion of characteristics. Characteristics may be inserted into a setup from another existing setup. When inserting from a setup as opposed to inserting from a Product or Part, more of the characteristic's elements are inserted including the Source, Boundary, AutoScan, etc.
- > Express refresh. The collector operator simply double clicks on a desktop icon that initiates a data upload from a connected 600. The data is deployed to preconfigured destinations with no additional operator interaction.
- > Assembly/Part support. Characteristics can now be assigned to an assembly or part for Data Analysis and Reporting purposes. This ensures compatibility for characteristics in cloned setups.



**ASI DATAMYTE Receives Patent for its  
LightStar™ Residual Torque Measurement System**

On May 3, 2011 the U.S. Patent Office issued patent number 7,934,428 for the residual torque analysis technology used in the company's LightStar™ line of torque and angle wrenches and measurement system.

This validates ASI DATAMYTE's claim that its residual torque measurement solution, comprised of its Model 600 Data Collector and LightStar™ torque wrenches with angle, is unique and superior in accuracy to any other provider's residual torque measurement solution or product.

The technology empowers the application of a torque rate differentiation method known as "angle restart." This approach was developed specifically to eliminate the false high and false low readings associated with peak measurement and to eliminate the error inducing guesswork associated with the capture angle methodology. This is done by detecting the change in angular torque rate between flex or windup as torque is initially applied and actual fastener rotation. Angle restart torque is captured at the start of actual fastener rotation where the torque curve transitions from the windup slope to the rotation slope. In other words, Angle Restart captures residual torque at the instant of fastener rotation.



Advantages to the patented LightStar™ torque measurement system using angle restart include:

- > Accurate and consistent residual torque measurement, independent of the joint type.
- > No second guessing readings. The question of whether an out of spec reading indicates a torque assembly problem or an improperly set capture angle does not arise.
- > Immunity to gyro drift. The angle restart method effectively cancels out the drift by comparing torque rates.
- > Torque is captured at the instant of actual fastener rotation.
- > Full and accurate capturing of the effect of material failure.
- > Automatic capture of nonconforming torque/time and torque/angle curves provides documentation of under torque, over torque, and material failure conditions.

The net result is that the operator doesn't need engineering estimates to put him in the ballpark and he doesn't have to guess a capture angle. Consequently, the potential chain-reaction of errors built upon a bad guess go away.

More information regarding ASI DATAMYTE's patented LightStar™ torque and angle wrenches and measurement system can be found on the company's web site at [www.asidatamYTE.com](http://www.asidatamYTE.com).