

TranSend II Utility Software

TRANSEND II SIMPLIFIES DATA TRANSFER

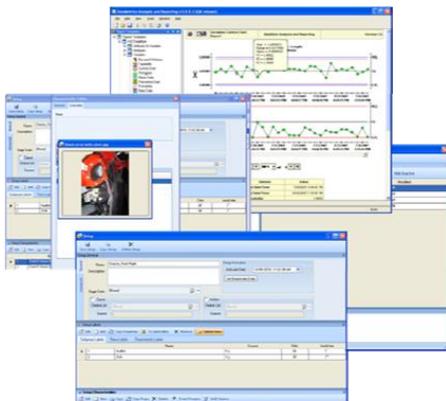
TranSend utility software simplifies data transfer between ASI DATAMYTE data collectors,

DataMetrics Analysis and Reporting (DAR), third party analysis systems and Microsoft® Excel® spreadsheets.

TranSend II provides automatic data harvesting and automatic spec limit and configuration updates to data collectors – leaving no opportunity for operator error.

With TranSend II you can:

- > Create and manage setups for ASI DATAMYTE data collectors.
- > Upload data from data collectors to Excel, tab or The TranSend II setup editor supports comma delimited files, and/or the TSII database.
- > Upload torque curve plots from 600 data collector to Excel spreadsheets for display.
- > Update 600 data collector firmware.



II setup editor supports creation of pick lists for piece, characteristic, and subgroup labels. Making setups with several similar characteristics is easy since copy and paste are supported. Variables characteristics, as well as characteristic, subgroup, and piece labels are supported.

SUPPORT FOR EXISTING PRODUCTS

- > Importation of TranSend or .dms setups
- > Export of data to tab or comma delimited files, or directly into an open Excel work book.
- > Data on the TranSend II database is compatible with DAR and web based reporting.

REMOTE CLIENT SERIAL LINK (RCSL) INTERFACE

RCSL is an interface module that expands the functionality of TranSend II to support for existing 501 or 3000 users. Features included:

- > Transfer of setups and data for 501 and 3000 data collectors
- > Upload Torque curves from 501 data collectors
- > Upload data to Excel; CSV; tab delimited and TSII database
- > Updates for 501 data collector firmware

EXPRESS REFRESH

Express Refresh allows a data collector operator to automatically upload

data from all setups and update all setup parameters by simply connecting a cable to the data collector and clicking on a start button. This feature eliminates an ongoing training requirement and adds a measure of security to the system for many applications, as the operator has no access to edit any data collection parameters. Training is simplified because there are only two steps to the express upload process: connect a cable and launch the program. This simple process also eliminates opportunity for operator errors.

CHARACTERISTIC X-REF

A sophisticated database has been created within the TranSend II database to provide a cross reference between various means used to identify characteristics. Complicated manufacturing operations often struggle with multiple naming conventions used to identify and locate characteristics targeted for measurement and testing. These can include simple descriptive labels or can be based on reference numbers tagged to engineering specifications, assembly documents or suppliers' part numbers. This can get confusing as Engineering control numbers, Manufacturing operation numbers, Quality Control feature names, or Purchasing contract numbers may all reference the same thing, but are all controlled and understood differently.

This may be a proverbial Tower of Babel. It often becomes necessary to develop external manual references or spreadsheets and spend hours trying to keep up with the complexity.

With TranSend II, when any of the names or labels used to identify a characteristic are called up, the advanced manufacturing data structure provides a reference to all the other names or labels associated with that characteristic. Once again, administrative time and effort are reduced and a significant source of error is eliminated. For example, this allows a nonconformance report to Manufacturing to reference the operation number, or to Purchasing to reference the contract number, or to Engineering to reference the control number.



In addition, reports in DAR can be built around responsible department, operation number, engineering control number, team leader, group leader, line number, or any other attribute assigned to a characteristic before data collection even begins.

DAR COMPATIBILITY

TranSend II supports the complete range of features available in DataMetrics Analysis and Reporting (DAR), including:

- > Standard report templates
- > User-defined reports
- > Event viewer
- > Optional report scheduler

TORQUE CURVE UPLOAD

Using TranSend II, you can upload torque curve data from an ASI DATAMYTE Model. Torque curve data can be uploaded directly into Excel. When the Excel option is chosen an Excel macro will produce a chart. In addition to the torque curve data, all relevant characteristic and gage configuration values are available as well. This feature delivers two distinct user benefits. The first is that all of the torque, time and angle sampling values are available for further analysis by a fastener engineer for troubleshooting or blueprinting a fastening system. The second is that any customer experiencing difficulty taking torque measurements can gain immediate technical support by e-mailing the Excel spreadsheet containing the curve data, the chart, and all relevant configuration parameters directly to ASI DATAMYTE.

WEB-BASED REPORTING

ASI DATAMYTE's 600-based Data Collection system includes powerful web reporting capabilities which provide real time audit status and completion summaries. Managers located in different plants across the country or around the globe will have immediate access to audit and test plan results. They'll know which measurements didn't get taken and which parts are out of spec, and will be able to react swiftly and decisively. The new reporting module:

- > Ensures timely error detection and correction with limit based exception reporting
- > Audit completion report indicates that all required checks have been performed, or lists those that have been missed
- > Statistical reports that can identify a trend before the error condition develops
- > Optional DAR (Data Analysis and Reporting)

MICROSOFT CAPABILITY

TranSend Version II is compatible with Microsoft XP and Windows 2007. It is compatible with Office/Excel 2003 and above.