500 series
DataMod
tool

PROVIDING VISIBILITY
TO YOUR PLANT PERFORMANCE

500 series
DataMod
tool

MEASUREMENT & CONTROL APPLICATIONS
ACCURACY | QUALITY | PERFORMANCE

contrec

15-day
FREE TRIAL

CONTREC – YOUR PROCESS PARTNER

contrec

Contrec.
Engineered solutions for liquid assets.

Highly accurate field controllers for critical environments.

This industry provides one of the most diverse and challenging environments for instrumentation to operate in. There are constantly changing demands and the need is to provide solutions that will not only return faultless reliability in the most harsh operating conditions, but also deliver the high accuracy and performance expected when measuring valuable commodities.

Contrec has been taking care of oil and gas applications for over 30 years and was one of the first electronic preset controller manufacturers to gain custody transfer approvals for the loading of oil products onto road tankers, rail and barge applications.

The 515 Series is based on an advanced, flexible and reliable hardware platform, while the functionality is determined by software that is specifically tailored to individual applications. With over 50 applications already created and a wealth of available input types, our specialised features such as the ability to linearise the flowmeter in inputs, ensures Contrec continues to help make good flowmeters even better.

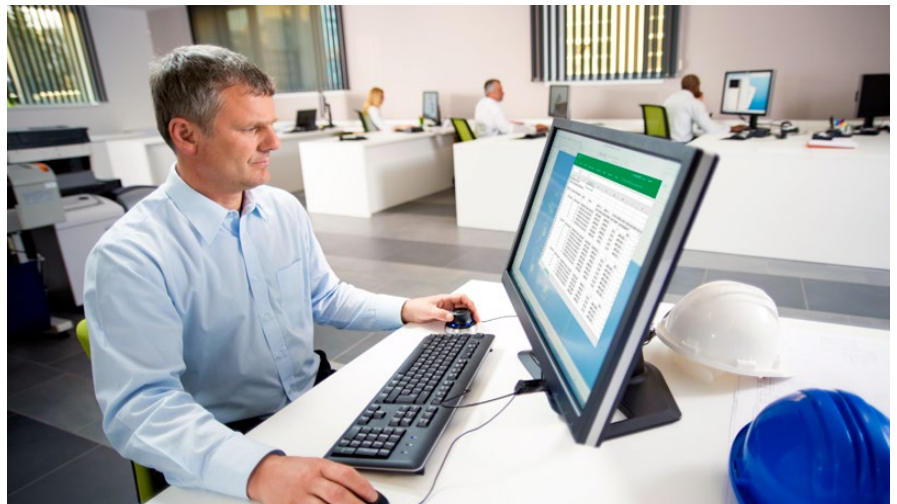## Simple data extraction and report generation for your process variables.

The Contrec DataMod Tool allows engineers and managers to quickly and easily keep up-to-date with what's happening in their plant. No need for expensive, customised SCADA packages. DataMod is a one-size-fits-all solution which allows you to extract critical logged operating data from your Contrec 515 instruments installed in the field and to generate reports and spreadsheets quickly and easily. Engineers can monitor the flows of liquids, whether it's steam and gas in the boiler house, fuel loading into tankers or effluent discharge from factories. Key information such as volume, mass, temperature, pressure, density, energy, power can all be accessed and scrutinised to ensure the production process is operating at optimum levels. The data can additionally be used to highlight potential problems on site. For example, where reduction in flow rates could be the result of a failing pump or sticking valve. This information can help save considerable costs in preventing serious equipment failure and lost production.
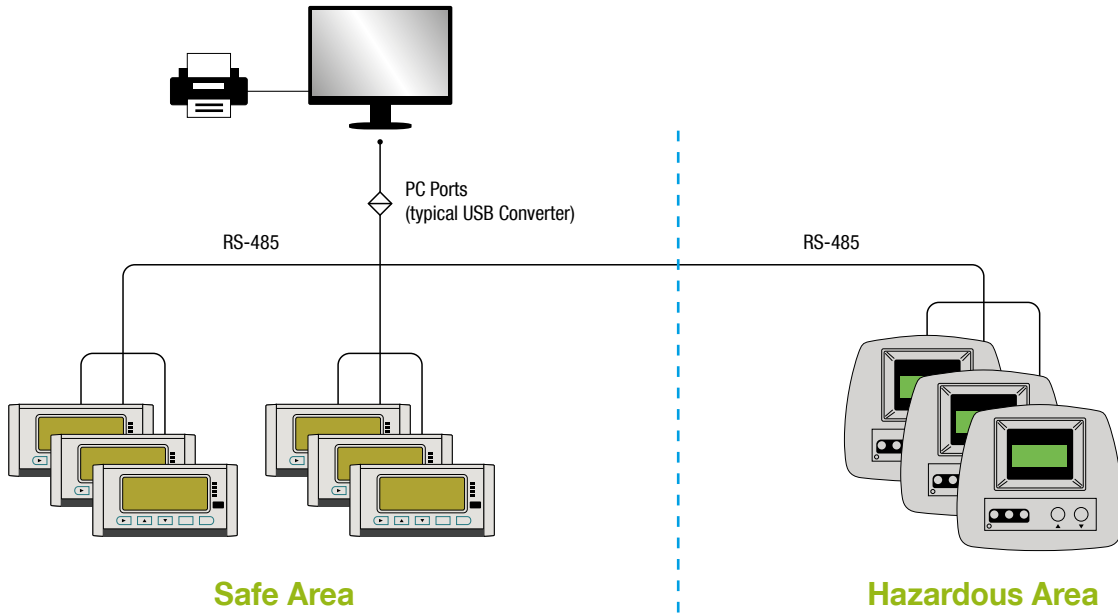
Key features:

- Collect logged data from 515 instruments installed in the field
- Display collected process data
- Generate PDF reports
- Produce data in CSV format commonly used in 3rd party software
- Customisable reports (special custom templates also available)
- Industry standard Modbus RTU communication
- Simple installation and configuration
- Software download from Contrec website
- Confidence in data integrity
- 15-day FREE TRIAL

Applications:

- HVAC Facility Management (gas, steam, water, waste)
- Food & Beverage (batch control, ratio blending, dosing)
- Power Generation (oil, steam, compressed air)
- Oil & Gas (tanker loading, tank farms, additives, transfer)
- Marine (engine consumption, bunkering, safety systems)
- Nuclear (gas, cooling water, steam)
- Minerals and Mining (refuelling plant equipment, remote site access)

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See the Full Picture.

Managers are often required to produce regular reports on the performance of production facilities. These reports are vital for businesses to help control costs, plan effective production strategy and highlight potential problems. One example might be a steam boiler, installed several years earlier to handle the demand at that time. Over the years, production levels may have increased to such a degree that the boiler is now having to operate beyond its normal capability in order to keep up with demand. This increases the wear and reduces reliability of the boiler and also disproportionally increases the cost of gas supply needed to feed the boiler. Being able to track the steam usage in the plant, and pinpoint peaks and troughs, will allow managers to view the boiler's performance and make accurate, informed decisions on their capital expenditure.

Variables Data Collection

Load Custom Report Template

DataMod Log Display

Export File

PDF Report Preview

DATA EXPORT

REPORT PRINTING

Simple Networking Structure

PC Ports
(typical USB Converter)

RS-485   RS-485

Safe Area   **Hazardous Area**

Systems Requirements

The 500 DataMod Tool has the following system requirements:

- Windows based Personal Computer
- 256MB Memory (or higher)
- 10MB available Hard Disk space
- Display Resolution 800 x 600 minimum
- Serial Communications Port
- Microsoft Windows 7 (or higher), normal DPI setting
- Adobe Acrobat Reader V4.0 or higher (to view/print generated reports)
- Microsoft Internet Explorer V4.0 (or higher) or similar Web Browser to view online help (recommended)
- Internet access for periodic software verification

Note: The DataMod tool is compatible with 515 instruments with software versions starting from 2.9.080. See your distribution for support.

Sample of Custom Report
Please talk to your distributor about customer templates.

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