

# ATLASEvo

## Resource Monitoring System

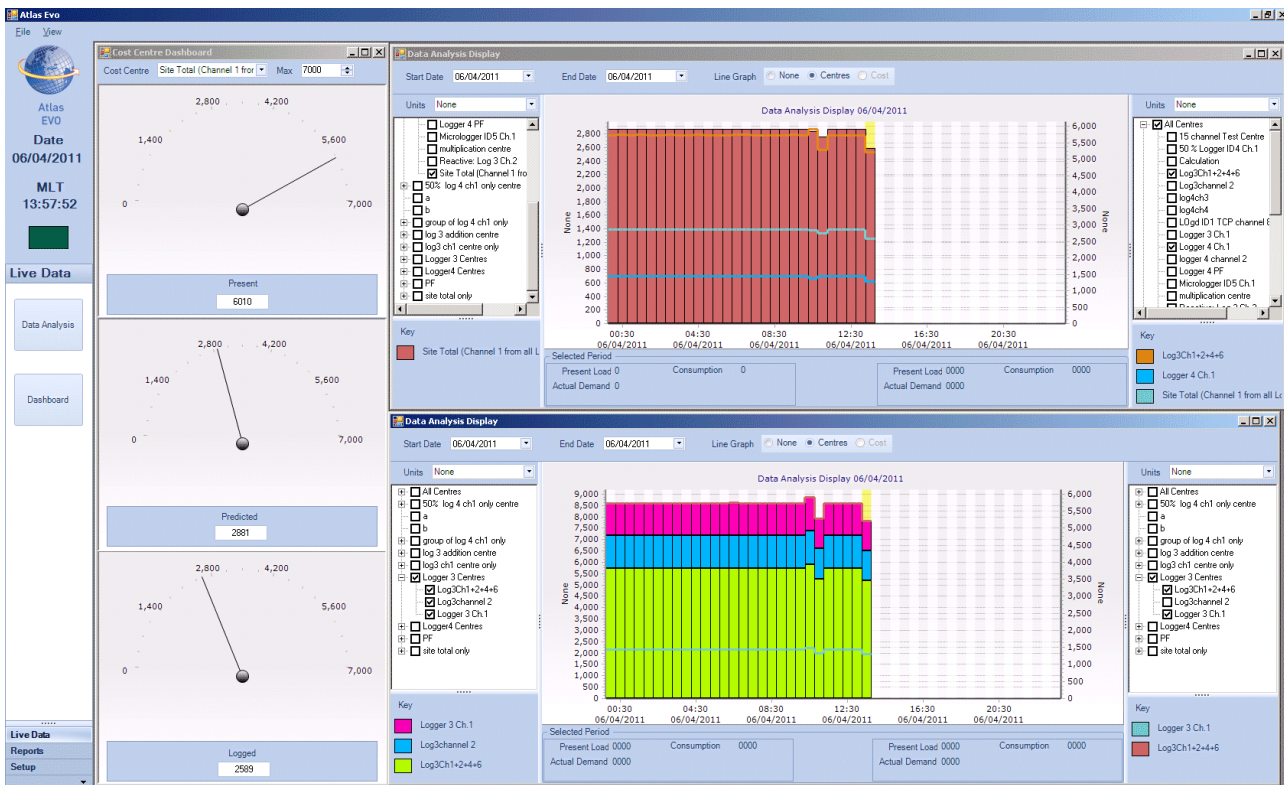
### INTRODUCTION

New to the range of ATLAS Energy Monitoring Systems is **ATLASEvo**.

Designed to be flexible in supply so that energy users of all sizes can benefit the **ATLASEvo** package provides automatic data collection from any number of ATLAS IV and ATLAS MicroLogger outstations. It can be supplied with or without 'in-built' data reporting facilities.

The data collected is stored in daily comma separated (CSV) text files allowing easy analysis in any spreadsheet application or use by another reporting/data manipulation package.

The modular, front-end **ATLASEvo** package however provides powerful data analysis and reporting tools.



### THE SYSTEM

ATLAS systems are designed to monitor and record the pulsed outputs from resource meters, or other devices, into an ATLAS  $\mu$ -logger or Atlas IV logger on a site to provide for energy efficiency efforts. All possible units of consumption are catered for so almost any resource is provide for by ATLAS and the user can enter different pulse values for each input, to several decimal places if required.

### LOGGER OUTSTATIONS

Any combination and number of Atlas IV Loggers & MicroLoggers may be used with the **ATLASEvo** software.

The DIN rail mounted MicroLogger is designed for pulse recording in electricity switch-room cabinets or suitable enclosures adjacent to the meters being monitored and has 4 input capability in addition to the half hour synchronisation pulse (a 15 minute recording period system is also available).

For those needing a larger capacity, Atlas IV loggers are housed in IP66 enclosures and are available in four sizes with 8, 40, 72 or 104 input channel capacity.



ATLAS IV Logger



DIN Rail Mounted ATLAS  $\mu$ -Logger

Data is stored into 30 minute periods (15 minute periods an option) with all loggers having a memory capacity equivalent to at least 1 month of data. Battery backup capabilities enable continued operation of the data collection system in the event of mains power loss to the logger. A warning is provided to the user to investigate cause of the power loss and rectify.

### SYSTEM COMMUNICATION

Data recorded can be stored on either a local PC or on a shared server. If required the communication link can be continuously connected or with the PC set to automatically retrieve data at a user set interval. This will ensure that any system user is confident that he has current data available at any time for analysis.

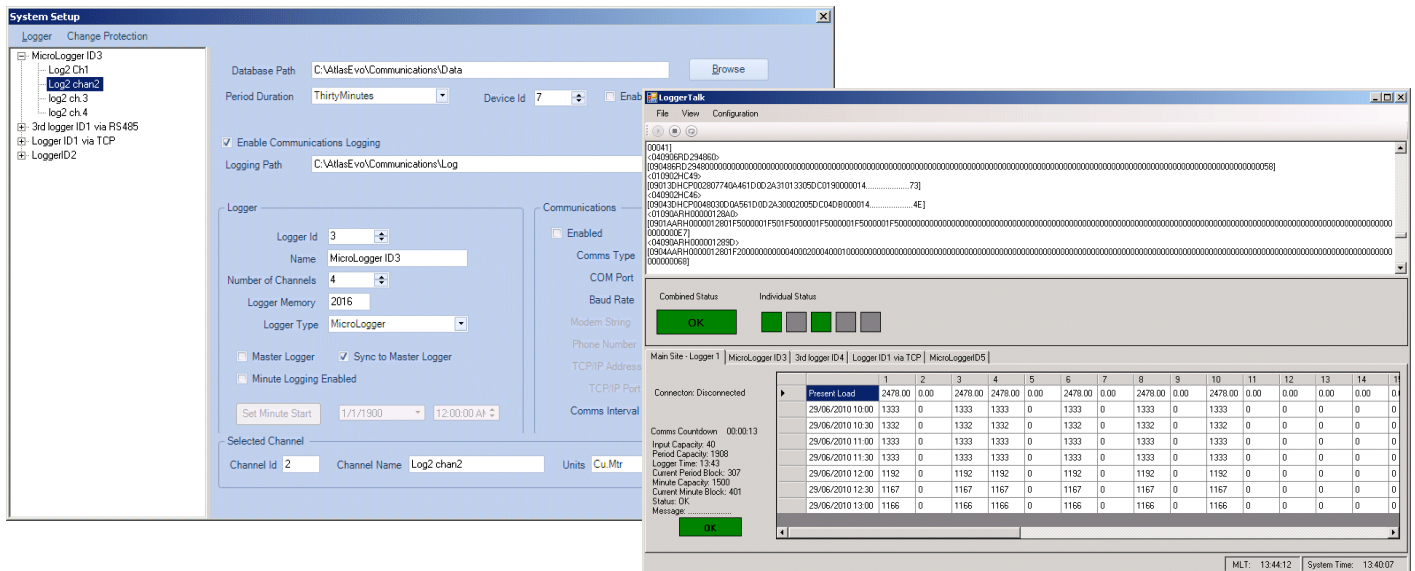
Various communications options exist for either the ATLAS IV Loggers or MicroLoggers with suitable communications adaptors;

- a) direct cable connection (RS232 or RS485)
- b) via TCP/IP Ethernet network
- c) via radio, telephone or GSM modem

### SYSTEM SOFTWARE

The simple to use, Windows based **ATLASEvo** software provides for logger configuration, data retrieval, centre definition, as well as various forms of data analysis capability including tariff cost analysis.

The modular software enables the customer to build his own package ranging from a simple automatic data collection facility providing data ready to use with spreadsheet or other proprietary software to a full **ATLASEvo** system including scheduled automatic reports of different types.



These additional **ATLASEvo** modules also provide live displays with dashboard and bar/line charts in addition to report preparation, tariff costing, automatic report scheduling etc.

To discuss your metering requirements or other ATLAS packages contact us at our office or see the detailed information provided on our web-site.

## NewFound Energy Limited

Park View House, Worrall Street, Congleton,  
 Cheshire CW12 1DT, England  
 Tel +44 (0)1260 290151 Fax +44 (0)1260 290811  
 sales@newfound-energy.co.uk  
[www.newfound-energy.co.uk](http://www.newfound-energy.co.uk)