

Datasheet:

Software Applications

Integrated Electronic Logbook

Introduction

The KELTON integrated electronic logbook application (formerly K-LOG.net) is designed to automatically log events and provide visibility of metering operations across your organisation.

Key Features

- Available across your organisation
- User configurable templates
- Automatic logging of Instrument Management calibration activities
- Automatic logging of meter proving activities
- Integrates with flow computer systems
- Automatic logging of operations
- Automatic email notification

Benefits

- Improves quality and accessibility of data
- Fully auditable
- Saves time and money
- Reduces duplication of data entry
- Accurate and dependable
- Supported by KELTON

As well as being a legal requirement in many industries, logbooks are crucial to all systems and processes. A clear and auditable record of the history and progress of an operation is invaluable. If faults arise, the events surrounding them can be scrutinised; if you need to revisit a particular sequence of activities, a well maintained, easy-to-use logbook saves time, money and effort.

The logbook records a full history of all events pertaining to a measurement system using both standard and operator defined templates to ensure consistency.

Events can be logged manually or automatically, taking data from KELTON MeterManager™ applications such as instrument management or meter performance monitoring.

Events such as streams going on-line can be recorded automatically by monitoring OPC tags and values such as stream totals can be read from the metering computer system.

The logbook differs from a paper logbook in that it can be filtered, sorted, searched and accessed across a network. It was developed to meet the stringently regulated fiscal measurement requirements. All logged events are permanent and saved in a format which does not allow deletion.

When adding logbook entries the date and time the event occurred is recorded as well as the date and time the event was logged and the user who entered it.

Where additional comments are added to logged events the date and time of the comment is logged along with the user.

About KELTON™

Fully accredited, KELTON is the leading independent measurement consultancy and software developer for the oil and gas industry. For well over two decades, KELTON has helped many international and national operators to ensure their full compliance with industry regulations. Whether clients require inspection, auditing or certification as part of System Compliance, uncertainty calculations for System Assurance or System Support – in KELTON they find a partner they can trust.

Services include:

- System Compliance
 - Inspection
 - Audit
 - Certification
- System Assurance
 - Design uncertainty
 - Modelling
 - System uncertainty
- System Support
 - Support partnerships
 - Training
 - Manuals/Procedures
- Measurement Software
 - Desktop applications
 - Database applications
 - Pipeline applications

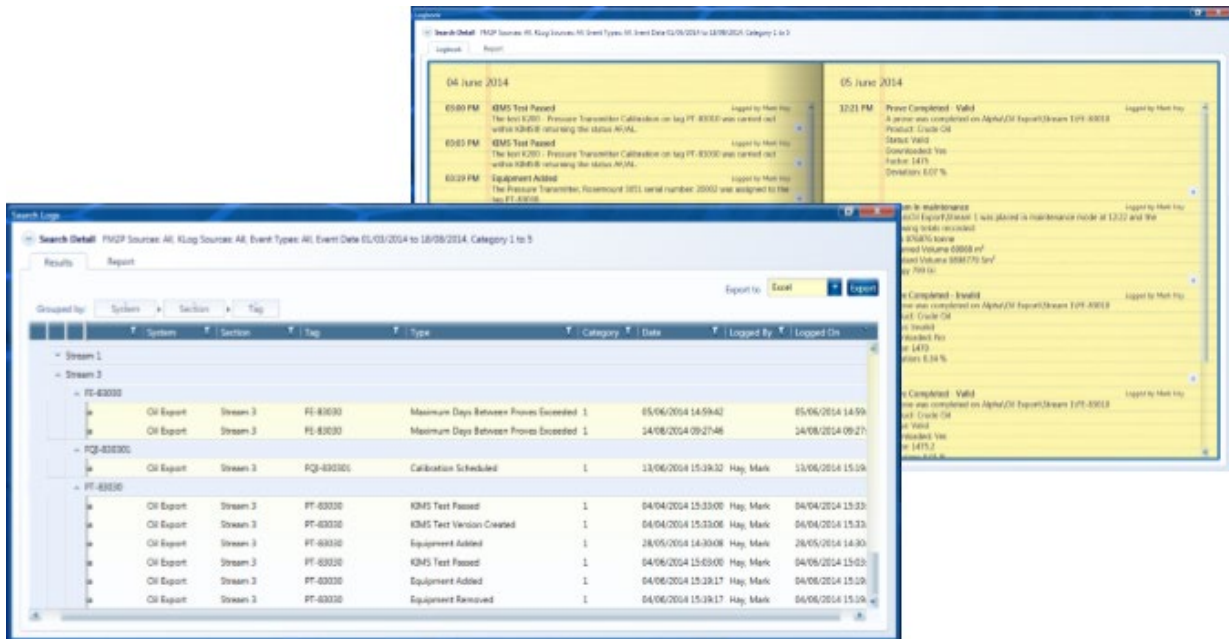
KELTON encompasses BS EN ISO 9001, ISO 14001 & ISO 45001 and UKAS type 'C' Accreditation, is Microsoft Certified and is recognised as an Investor in People. Support is available from strategic locations across the world. Find your nearest KELTON location [here](#).

If additional information is required visit:

www.kelton.co.uk



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The logbook can be viewed using a traditional 'logbook' view, which emulates a paper logbook by displaying events in chronological order. This can be filtered by system, section, tag or even event type for analysis. Alternatively, the log can be viewed using an event viewer where logged events are shown in a table which can be sorted, grouped or filtered by a number of available parameters.

In addition to logging events that take place, the logbook has the capability of logging when expected events do not occur. For example, an event can be automatically logged when a calibration scheduled in the instrument management application is missed or the number of days between meter proving set in the meter performance monitoring application is exceeded.

A wizard is used to guide you through the process of manually logging events to ensure consistency of data entry with minimal user input. Documents and images can be attached to logbook entries. The logbook view shows events presented as a traditional logbook.

The event viewer allows logged events to be searched, sorted, grouped or filtered by a number of available parameters. Rules are set to automatically log events such as streams going on- or off-line. These are triggered by monitoring selected OPC tags on the flow measurement system or DCS. When triggered, rules can log events and/or send notifications by email.

