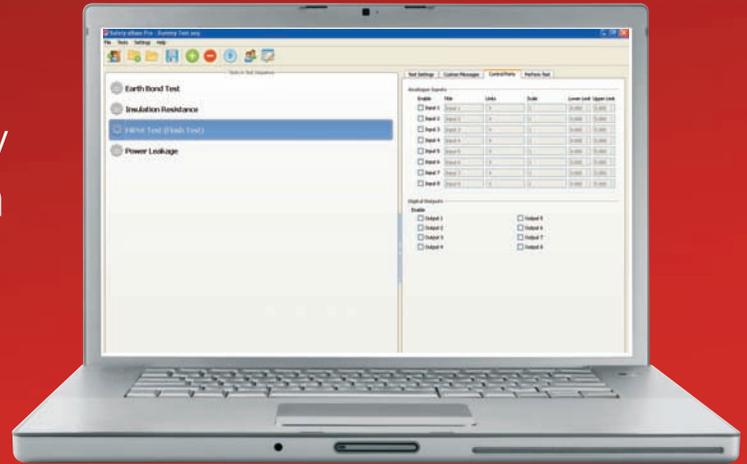# Safety-eBase Pro V1.0

CLARE

Increase the productivity, efficiency and traceability of your production line testing with Safety e-Base Pro software from Clare.

Used in conjunction with a ClareHAL safety tester, Safety e-Base Pro delivers supreme productivity, enabling totally customisable test sequences to be set up and operated via a PC from any safe, convenient location, even away from the production line if required.

An intuitive user-interface is taken a step further with the ability to provide user prompts in text or picture format – operators can be guided step-by-step on what to do next, saving time and reducing the risk of human error.

Total traceability and auditability of results is made possible through virtually unlimited storage, with results being stored on a PC as well as within the tester.

Safety e-Base Pro is the indispensable companion to the Clare HAL series of production line testers*. This software program can remotely drive any of the Clare HAL series testers* from a PC; enabling test sequence data to be held either locally on a PC, or on a centrally located network drive, depending on your storage or audit requirements. Safety e-Base Pro has two modes of operation: Engineer Mode for setting up test sequences and settings; and Operator Mode for performing the tests.

Engineer Mode
The intuitive user interface within Engineer Mode means creating test sequences is a very simple process. The engineer may specify any number of tests, in any order, according to the standard being worked to, and the specification needed - providing a bespoke and reconfigurable solution for any product under test.

When used in conjunction with the Clare HAL testers*, Safety–eBase Pro offers greater command over its control ports, allowing the eight analogue inputs to be displayed 'live' in the user interface while tests are performed.

Furthermore, each of the eight inputs may be named and given a custom scaling and unit of measurement to allow input from external equipment to be displayed and stored in a more useful form. It is also possible to allow test results to be recorded against the custom inputs specified, further improving traceability of results.

Operator Mode
In Operator Mode, the user is provided a clean and intuitive user interface, eliminating the need for extensive operator training. Custom text or pictorial operator prompts can be shown at every step of the test sequence,

Work Smarter

SAFETY e-BASE PRO

- ■ **Totally customisable to your requirements**

- ■ **Improved traceability of results**

- ■ **Simplifies the testing process and improves safety for the operator (i.e. reduces human error, time saving, assurance of quality/reliability, futureproof)**

CLARE

making the operator process simple and reducing the room for human error. For example, the operator may be shown an image displaying where to connect a probe to the appliance, or given text detailing the procedures to be followed should an appliance fail a test.

Safety is intrinsic to Safety e-Base Pro's design. It enables the abortion of individual tests or entire test sequences either from the Safety e-Base Pro user interface on the PC, or from the Clare HAL tester itself.
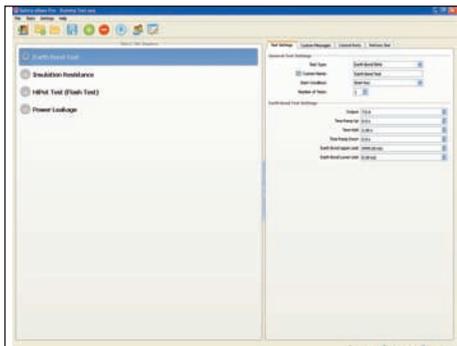
Test Results Storage

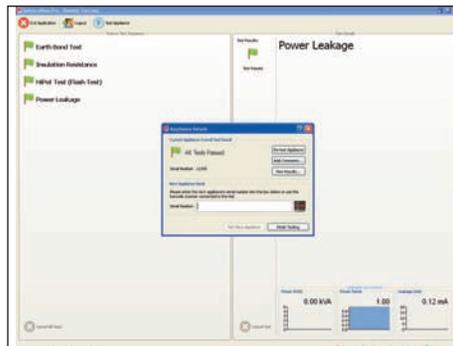Test results are saved in XML file format and can be easily transformed or imported into other data formats. The engineer is able to specify exactly where and under what name the results files are created. It is possible to include the time and date of test, appliance serial number and name of operator within the filename.

For easy viewing of the test results, Safety e-Base Results Viewer is included with Safety e-Base Pro. It provides basic search facilities and enables the XML results data to be exported into CSV format for manipulation in a spreadsheet application such as Microsoft Excel.
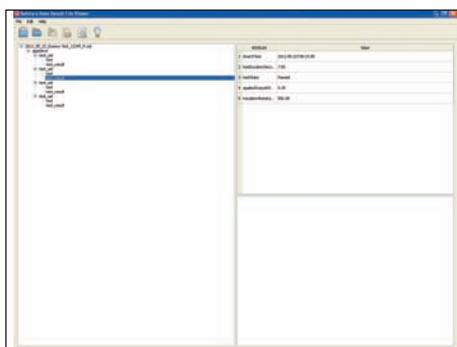
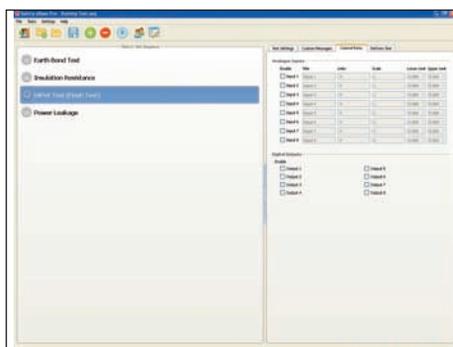## Safety e-Base Pro software in action

Intuitive user interface makes creating test sequences simple.

Operator mode provides clean and intuitive user interface.

Results viewer enables XML results to be exported for use in Microsoft Excel.

Record external analogue inputs such as motor speed and/or use digital outputs to drive external devices such as the Clare Switchsmart switching matrix

TECHNICAL SPECIFICATION

Supported Systems:

- Windows XP 32-bit
- Windows XP 64-bit
- Windows 7 32-bit
- Windows 7 64-bit

Recommended Minimum System Requirements:

- 1GHz Processor
- 256MB RAM
- 100MB Hard Disc Storage

Also Available:

Clare HAL range of testers:

- **Clare HAL104**
  A combined AC Ground Bond, AC/DC Flash, DC Insulation Resistance Tester with Power, Load and leakage capabilities
  Part No: H104

- **Clare HAL103**
  AC/DC Hipot (flash dielectric strength) and DC Insulation and Ground/Earth Bond Tester
  Part No: H103

- **ClareHAL 101**
  AC/DC Hipot and DC Insulation Tester
  Part No: H101

* Safety-eBase Pro is not available for use with the Hal 102

Safety-eBase Pro Part No: 482A910

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