



ISA 70th ANNIVERSARY

ISA is celebrating in 2008 its 70th anniversary from its establishment. We are extremely proud to have achieved such a meaningful target as ISA is today a leading worldwide provider of Advanced Test Measurement Instruments. As birthday gift, we recently moved to our brand new premise surrounded by the beautiful landscape of the Alps. We also gave a new look to our logo and corporate image.



NEW BTS 200

TESTING AND MAINTAINING BATTERY SYSTEMS

ISA is glad to announce its brand new product BTS 200, the reliable and efficient testing and maintaining battery system that can be used also with external load ELU 200.

- up to 130A discharging current
- large graphical display and local control
- internal memory
- discharging current up to 1300A with 9 paralleled external loads
- suitable for 24 - 48 - 110 and 220V batteries
- universal power supply and supplied by the battery under test

BTS 200 will be available from May 2008. The models BTS 100 and BTS 100Plus will be discontinued by the end of 2008.

If you need additional information, please refer to our data sheet available on our web site www.isatest.com or contact us at isa@isatest.com.



MCS

SUBSTATION CONTINUOUS DIAGNOSTIC SYSTEM

ISA has been selected by Terna, the second largest worldwide transmission company, to develop a state of the art **on-line monitoring system - MCS - to determine the condition of key substation apparatus such as Circuit Breakers, CTs, PTs, Surge Arresters.** By the continuous monitoring of the key parameters, MCS detects malfunctions in early stage and issues prioritized alarms communicating abnormal conditions and guiding maintenance decisions. MCS is communicating with the Terna communication system using the IEC 60870-5-101 protocol.

The first installation will be in a 380kV substation in Milan- Italy - The field test will start from June 2008.



IEC61850 SUBSTATION COMMUNICATION PROTOCOL

RELAY TESTING APPLICATION

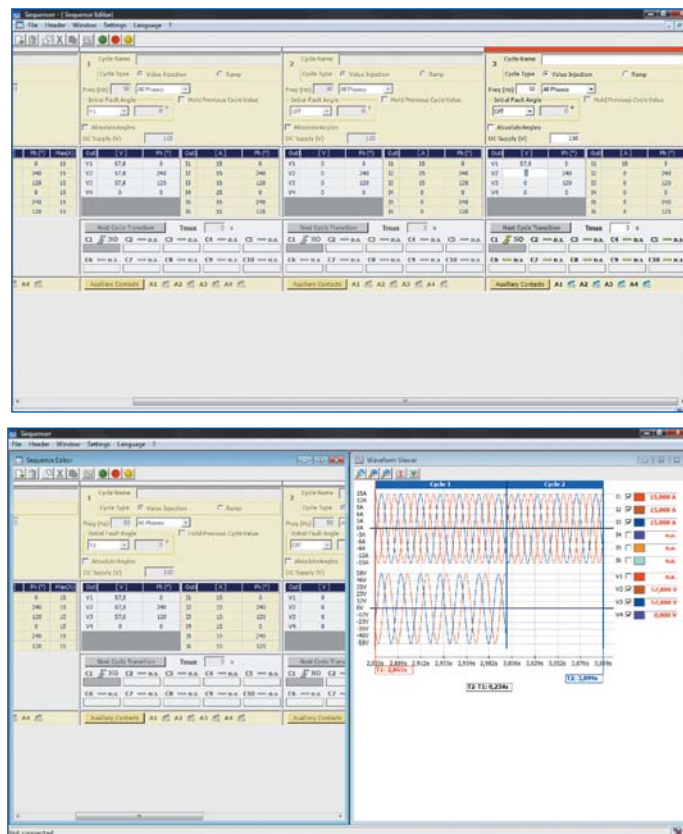
Since we launched this interface on the market last autumn, our customers have shown a deep interest towards this interface and have selected it as additional key feature on their DRTS 6. By means of a dedicated hardware upgrading and a new software, **ISA DRTS 6 can expand his testing capabilities by handling**

IEC61850 messages coming from the devices connected to the substation network. The IEC61850 Interface is mounted directly on the front panel of the DRTS 6. This interface can be upgraded to old DRTS 6. Please, download the technical document available on our web site www.isatest.com for any additional information.

TDMS - TEST OF RELAYS NEW SEQUENCER SOFTWARE MODULE

The new Sequencer module is a **powerful test software for determining the relays operating times and the logical sequence of the events**. Each cycle is defined by the output values: voltage, current, phase angle, frequency and the state of digital outputs and the condition for the transition to the next test. The user defines for each cycle if the output condition is a "Value Injection", a "Ramp" or if the instrument must hold values of the previous cycle and the transition conditions to the next cycle.

Several individual cycles can be pasted together in order to form a complete test sequence. The waveform viewer displays graphically the time signals of voltages, currents, auxiliary contacts and main contacts. Signals can be enabled individually, with the ability to zoom in on a specific point. Two cursors facilitate scrolling through the time signals to find the values at specific times. The Sequencer generates professional test reports identical to all other automatic test modules. Test data are saved in TDMS Data-base (Test & Data Management System).



NEXT EVENTS

We will celebrate the 70th anniversary during the International Symposium, which will take place from June 16th to 20th 2008. All our distributors are invited to join the meeting to share information

and points of views: the main product news and developments will be announced during the Symposium.

We will be present to the following exhibitions:

DATE	EXHIBITION	CITY - COUNTRY	WEB SITE
APRIL 22nd to 24th	IEEE PES TRANSMISSION AND DISTRIBUTION CONFERENCE AND EXPOSITION	McCormick Place Chicago, Illinois - United States	www.ieeet-d.org
MAY 5th to 7th	ELECTROTECHNICAL SOCIETY ZAGREB 16TH INTERNATIONAL SYMPOSIUM "ELECTRICAL INSTALLATIONS"	Šibenik, Hotel "Solaris" - Croatia	www.edz.hr
MAY 13th to 16th	15TH INTERNATIONAL EXHIBITION OF POWER INDUSTRY AND ELECTRIC EQUIPMENT 'POWER AND ELECTRICAL ENGINEERING - 2008'	Saint-Petersburg, Lenexpo - Russia	www.exponet.ru
MAY 18th to 21st	CIRED - INTERNATIONAL CONFERENCE ON ELECTRICITY DISTRIBUTION CROATIAN NATIONAL COMMITTEE	Šibenik, Hotel "Solaris" - Croatia	www.ho-cired.hr
MAY 20th to 23rd	SIMPOSIUM DE PROTECCIONES	Monterrey, N. L. - Mexico	www.uanl-die.net
MAY 25th to 30th	MIPRO- 31ST INTERNATIONAL MIPRO CONVENTION	Opatija - Hotel "Adriatic" - Croatia	www.mipro.hr
MAY 26th to 29th	ELIADEN 2008	Lillestrøm - Norway	www.eliaden.no
MAY 27th to 30th	SPECIALIZED EXHIBITION-CONFERENCE 'RELAY PROTECTION - 2008'	Moscow, All-Russian Exhibition Center - Russia	