



Remote reading

As a creator of Remote reading solutions for substation condition recorders and digital protection for **over 20 years**, SCLE SFE has continued to develop its offer with the TM 3000, followed by the TM 3000LC.

SCLE SFE is now proposing a **new Remote memory, the TM-IP**.



TM-IP remote memory

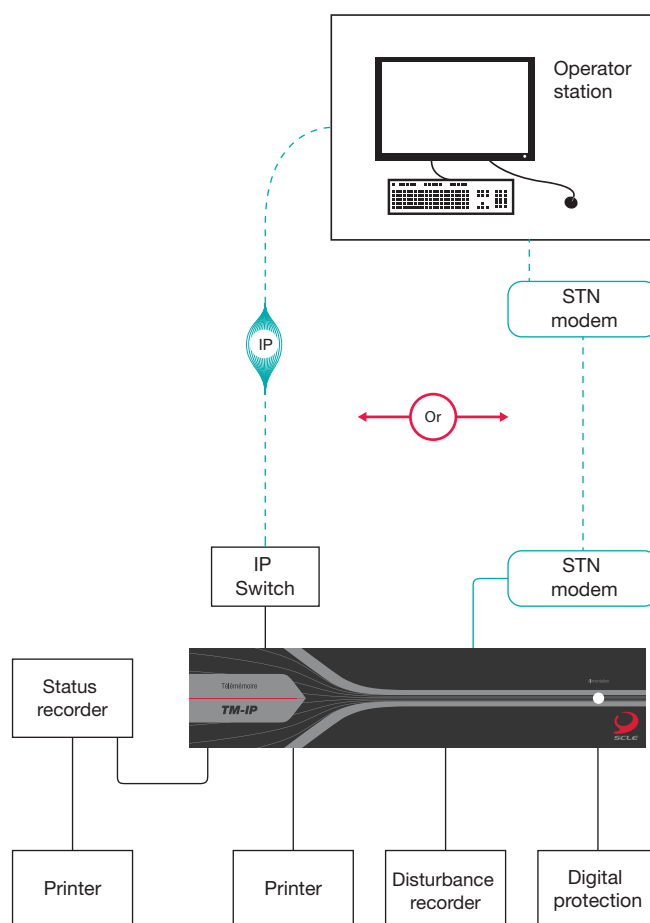
This new equipment provides:

- Real-time recording to printer, substation condition recording and remote reading;
- Disturbance recorder and digital protection disturbance event return in COMTRADE format.

It is accompanied by a configuration application and an operating application. The equipment proposed by SCLE SFE may **be customised** to meet customers' requirements.

Main characteristics:

- 48 Vcc power supply;
- Remote recording by IP and/or STN (modem);
- A printer channel;
- Disturbance recorder remote reading (UA 250, UR2000, Bitronics, EPC Sorel);
- Digital protection remote reading (P444, 7SA522, 7SA513, etc.);
- Communication protocol interface (Optical star, RS232, RS485, converters, etc.);
- The equipment has a configuration application and an operating application.



Peripheral product

GST-C: STN telephone line routing

SCLE SFE proposes GST-C call routers to reduce the number of telephone lines needed for remote reading for Control & Command devices. The routers complete SCLE SFE's solution with communication tools.

- Available in 5 or 10 channels;
- Available in 19" rack in 48 Vcc or 220 Vca and in a unit in 24 Vcc or 48 Vcc.



APV34

Complete range validation on a host of equipment used in High Voltage, these products associated with channel routers manage dialling.

Range:

- APV34: in rail-mounted unit, 230 Vca auxiliary power supply;
- APV34 Advance: in unit, 230 Vca or 48 Vcc auxiliary power supply.



Printing peripherals

SCLE SFE proposes and maintains a complete range of printers designed to be used in harsh environments.

These printers may be equipped with dialog keyboards and are available in 48 Vcc, 127 Vcc or 230 Vca.



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