

VictoriaSTM-16/OC-48



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SDH/SONET
PDH and T-Carrier



VictoriaSTM-16/OC-48

- It is a hand-held device ideal for the analysis and evaluation of SDH, SONET, PDH and T-Carrier networks and network elements
- It has all ITU-T and Bellcore interfaces up to 2.5 Gbit/s

SDH	SONET	PDH	T-Carrier
STM16	OC48	E4	DS3
STM4	OC12	E3	DS1
STM1	OC3	E2	nx56kb/s
STM0	OC1	E1	
G-832	STS3-3c	nx64kb/s	
	STS1		

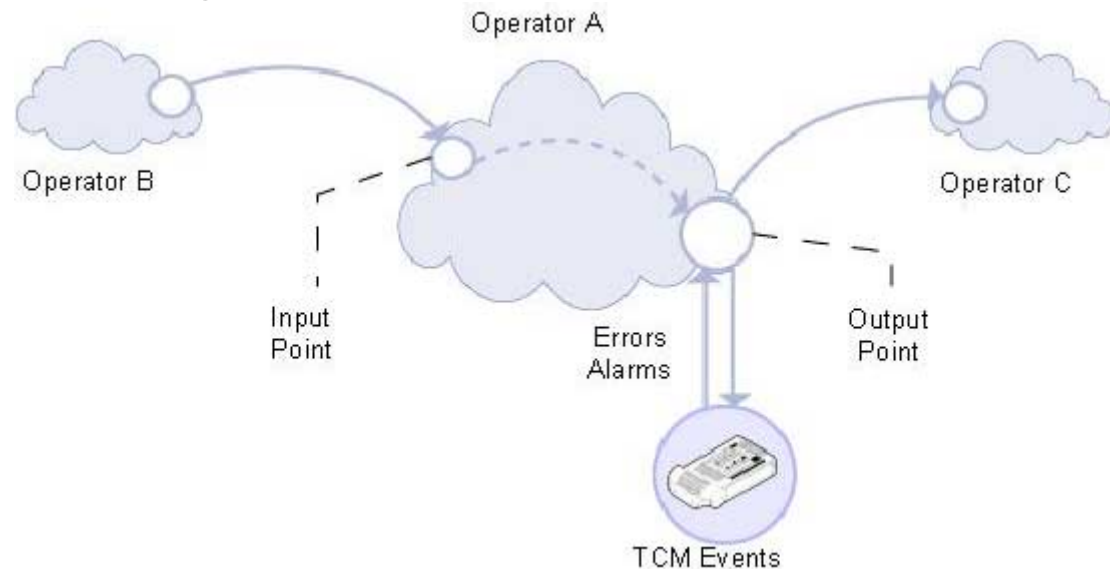


- All SDH/SONET/PDH/T-Carrier interfaces (optical and electrical) up to 2.5 Gbit/s
- Perfectly adapted for field work: battery-operated, small size and light weight
- Advanced graphical user interface based on a high resolution touch screen
- Alarm insertion and detection
- BERT in SDH/SONET/PDH/T-Carrier framed/unframed signals, including tests in all SDH/SONET containers and headers



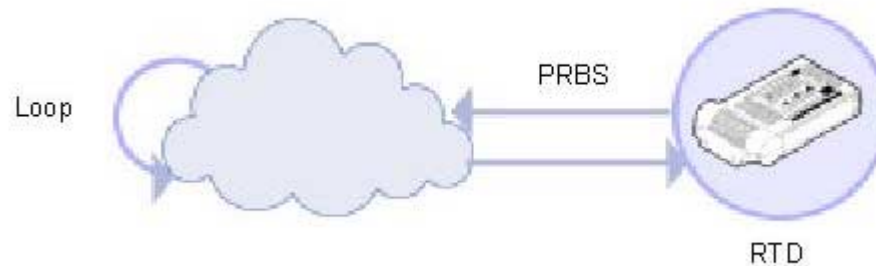
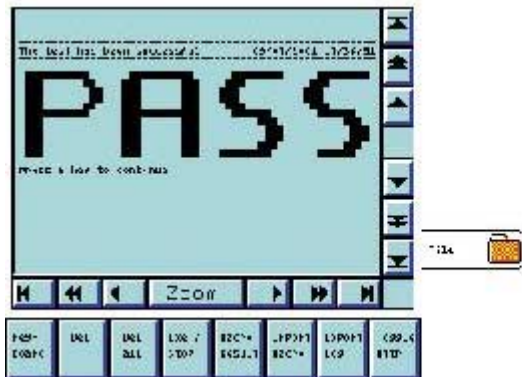
VictoriaSTM-16/OC-48 *Advanced Features*

- Tandem Connection Monitoring (TCM)
- SDH/SONET Overhead generation and analysis, including path tracing
- Pointer processing. Generation of G.783 pointer test sequences
- Automatic Protection Switching (APS) measurements
- Performance measurements according to G.821, G.826, G.828, G.829, M.2100 and M.2101



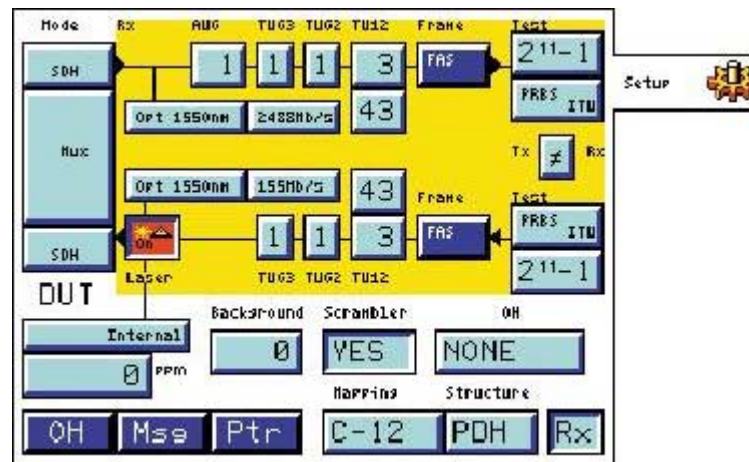
VictoriaSTM-16/OC-48 Facilities

- PCM30, PCM30C, PCM31 and PCM31C frames at 2 Mbit/s. M13 and C-Bit frames at 45 Mbit/s. SF, ESF, SLC frames at 1.5 Mbit/s
- Nx64 kbit/s test at 2 Mbit/s and Nx64/Nx56 kbit/s test at 1.5 Mbit/s. Analysis/Generation of signalling bits of E1 and DS1 frames
- Transport of SDH TU-12 over 34 Mbit/s according to G.832(4) Round Trip Delay (RTD) measurement



VictoriaSTM-16/OC-48 Facilities

- Storage of configurations and results for later use
- Time plots and histograms of 1-second resolution
- Automated measurements using macros
- Advanced generation of PC-exportable or printable reports
- Remote Control with graphical user interface: Victoria NetManager



- Electrical interfaces sharing the connector
- Optical interfaces sharing the same connector
- Auto-recovery of the measurement after a power failure



