

Victoria STM-4/OC-12



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SDH/SONET
PDH and T-Carrier



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Victoria STM-4/OC-12

- A hand-held tester ideal for the analysis and evaluation of SDH, SONET, PDH and T-Carrier networks and network elements
- Has all ITU-T and Bellcore interfaces up to 622 Mbit/s

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

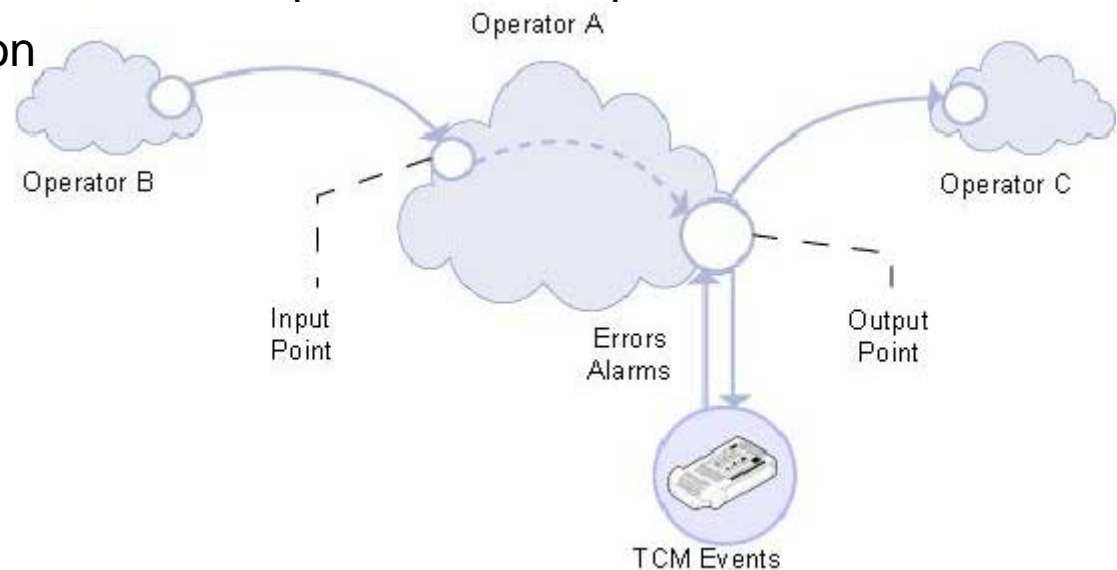


- All SDH/SONET/PDH/T-Carrier interfaces (optical and electrical) up to 622 Mbit/s
- Perfectly adapted for field work: battery-operated, small size and lightweight
- Advanced graphical user interface based on a high resolution touch screen
- Dual wavelength, 1310 nm and 1550 nm, integrated optical transmitter and receiver
- BERT in SDH/SONET/PDH/T-Carrier framed/unframed signals, including tests in all SDH/SONET containers and headers

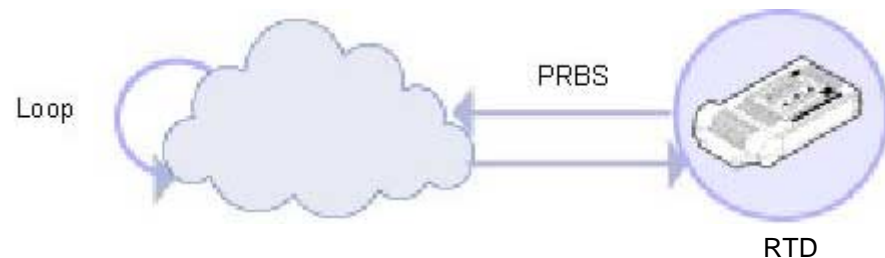


VictoriaSTM-4/OC-12 *Full Featured*

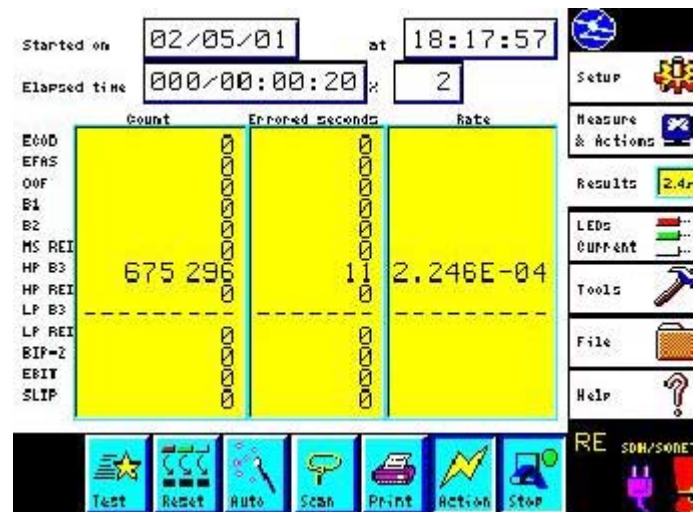
- VC-4-4c and STS-12c SPE concatenated containers
- ATM cell stream generation and analysis over high capacity SDH/SONET containers
- Tandem Connection Monitoring (TCM)
- SDH/SONET Overhead generation and analysis including path tracing
- Pointer processing - generation of G.783 pointer test sequences
- Alarm insertion and detection



- 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 signaling bits of E1 and DS1 frames
- Transport of SDH TU12 over 34 Mbit/s according to G.832
- Automatic Protection Switching (APS) measurements
- Round Trip Delay (RTD) measurement
- Performance measurements according to G.821, G.826, M.2100 and M.2101

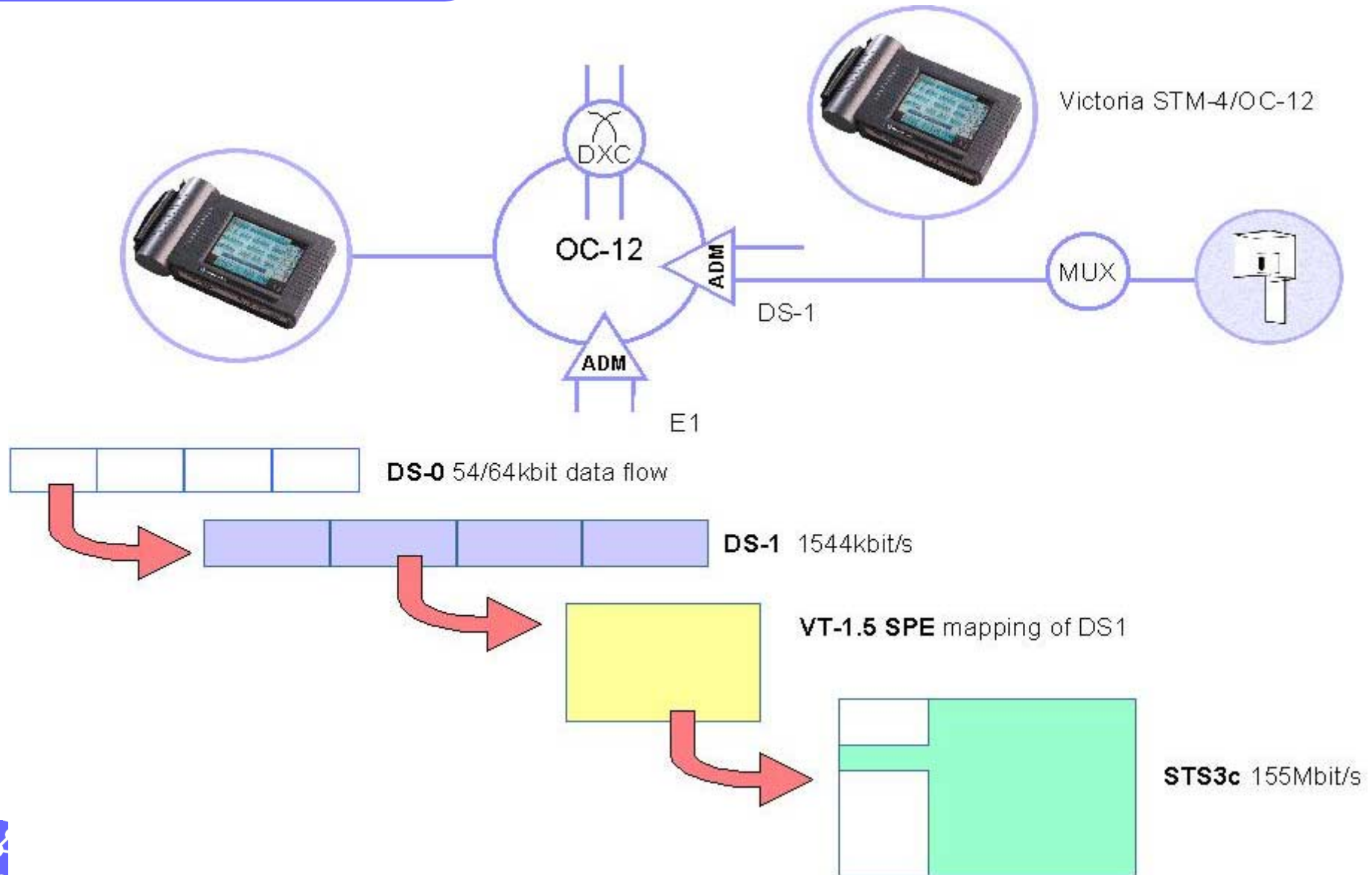


- Storage of configurations and results for later use
- Time plots and histograms of 1-second resolution
- Automated measurements using macros
- Advanced generation of PC-exportable or printable reports
- TCP/IP remote control with graphical user interface: Victoria NetManager



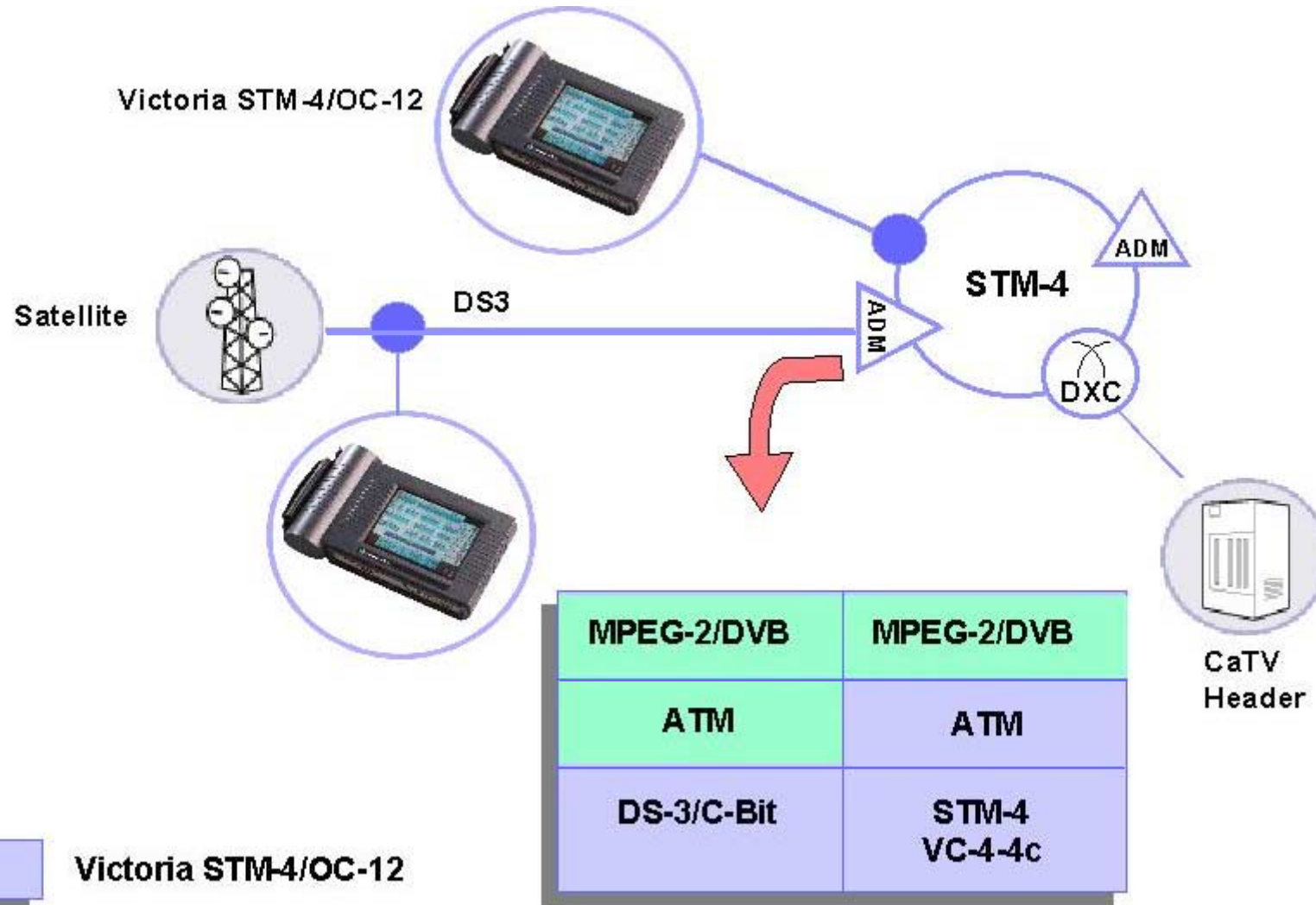
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From 64kbit/s up to 622Mbit/s



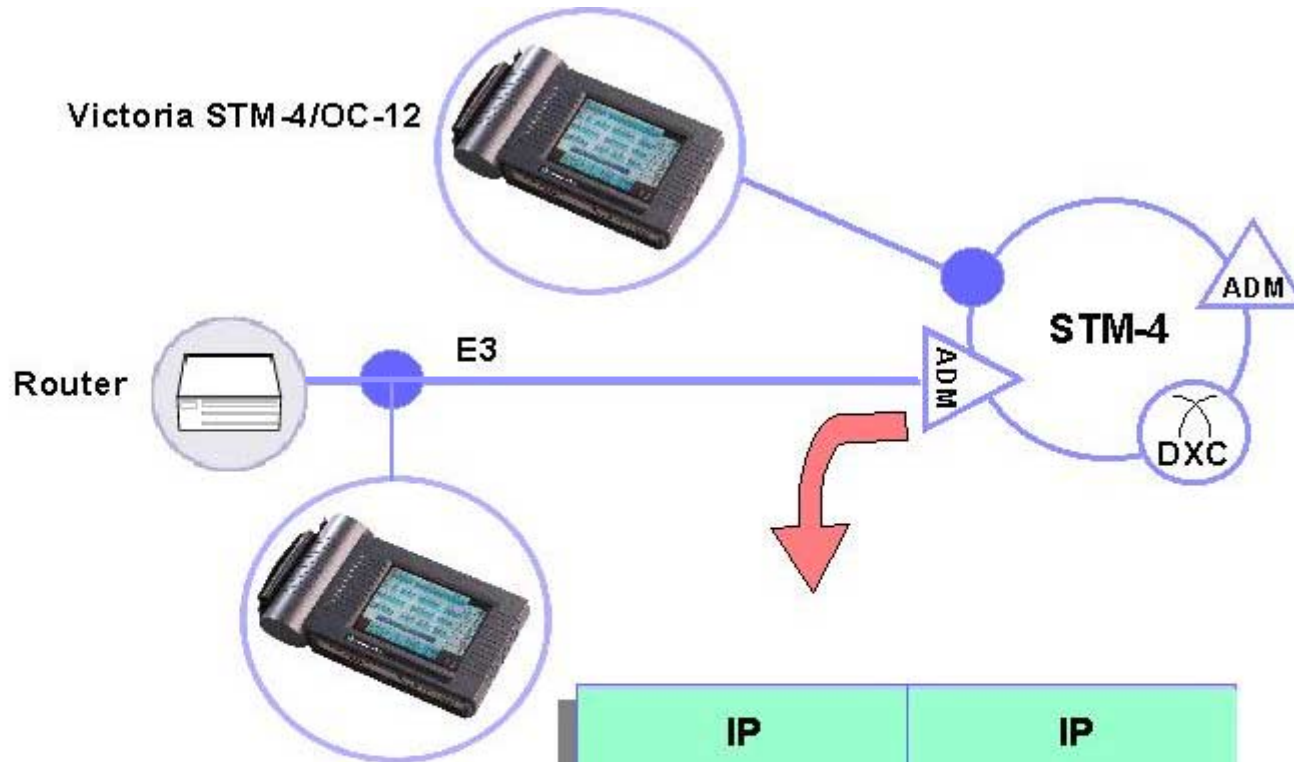
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ATM Verification Test



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SDH transport in E3 frames (G.832)



IP	IP
ATM	ATM
G.832	STM-4
E3	VC-4-4c

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