

FYLDE MICRO



System Control Interface MPT 1327 Infrastructure Components

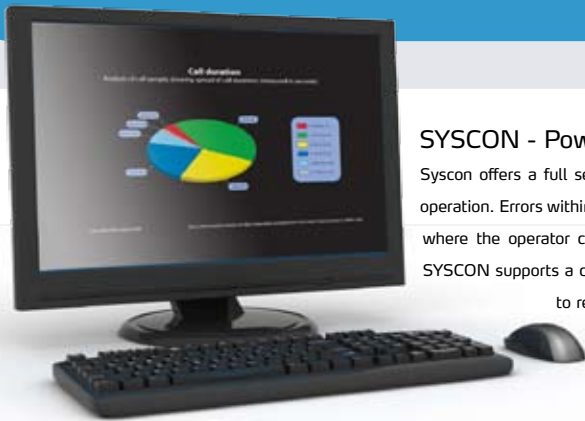
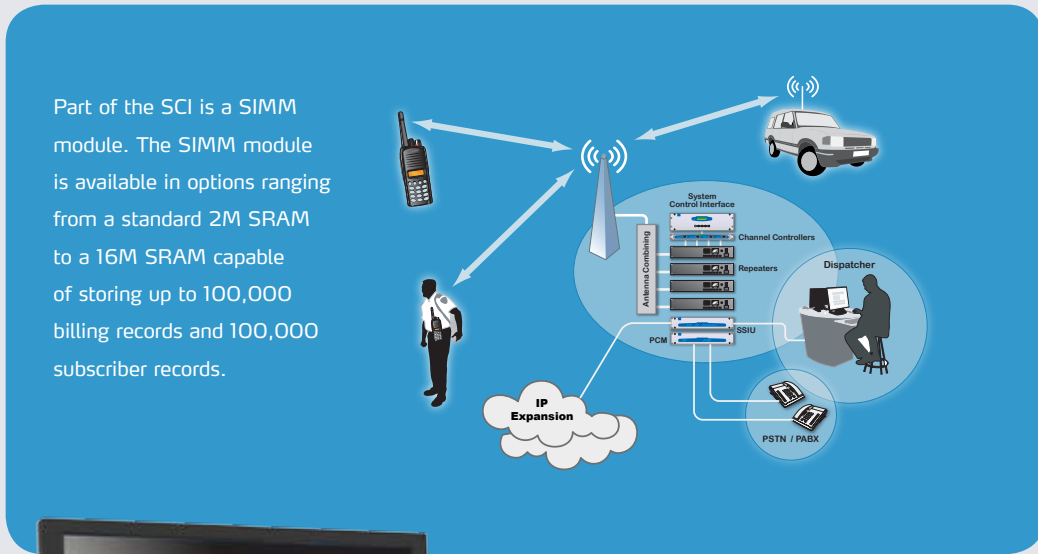


System Control Interface (SCI)

The System Control Interface (SCI) operates in conjunction with the TSC Channel cards to form a complete trunking site. The primary function of the SCI is to connect the channel cards to other parts of the network. This could be a SYSCON terminal PC for a single-site system, or the Regional Control Processor if a multi-sited wide area network. The SCI additionally provides billing, control, status reports, customer validation and local phone interconnects.

SCI's Unique Features..

The System Control Interface (SCI) Communicates with Channel Controllers via a very resilient high-speed bi-directional serial bus. This simple 2-wire connection can be up to 100 metres long, useful if several racking cabinets are to be connected (on a large system) where the cabinets cannot be mounted close to one another.



SYSCON - Powerful Network Management..

Syscon offers a full set of diagnostic tools, covering every aspect of network operation. Errors within the network will be reported back to the terminal - from where the operator can investigate further and take the appropriate action. SYSCON supports a dial-up Modem connection as well as a direct connection to remote infrastructure locations.

MPT 1327 Product Range



Management, AVL & Dispatcher



Channel Controllers TSCCO3



System Control Interface SCIO3



Single Site Interconnect SSIU



PCM Audio Switch 2u



PCM Audio Switch 6u



Regional Control Processor RCP

TECHNICAL SPECIFICATION

DESCRIPTION:

SPECIFICATION:

MAXIMUM number of Validatable Radio Units	> 100,000 Idents
MAXIMUM item billing store capacity	> 20,000 calls
INTERFACE to System Terminal / RCP (Port A)	RS232 (9 way D-type)
INTERFACE to Programming Terminal and optional local PCM Switch (Port B)	RS232 (9 way D-type)
SIO BUS INTERFACE connector	9 way D-type
POWER connector	9 way D-type
INTERFACE to Remote Monitoring	15 way sub D-type
APPROVALS (SCI03e)	EMC Directive 89/336 EEC (143)
POWER REQUIREMENTS (operational) – DC only	
	8-18Vdc @ 200mA
OPERATING TEMPERATURE RANGE	-10°C to + 70°C
OPERATING HUMIDITY RANGE	10% to 90% n/c.

