

# System Control Interface

## **System Control Interface**

One system control interface is connected to the Channel cards on a radio site through a high-speed two wire serial bus. This unit contains a number of customer and system databases. Connection from the SCI to the outside world is enabled through a variety of links such as leased line, dial-up line, microwave or multiplexed links. All validation and call billing is on site, therefore any link failures do not affect the call validation or call recording. Data can be transferred from the channel cards to the SCI at high speed, so validation information need not be stored at each channel processor. This saves the high cost of memory in each channel card.

The high capacity, high reliability data storage is designed into a fully protected battery powered static RAM array. If the power fails to the unit, all stored information will be preserved and although the inter-site links will be lost, local services will still be available.

- Free software upgrades available
- Software guaranteed for life of system
- Latest information on Fylde website
- All design and production to ISO9001
- Software quality covered by TickIT
- Full EMC compliance on all products

### SYSTEM CONTROL INTERFACE

One required per site



PRODUCT SHEET NUMBER

2

# System Control Interface

## Specifications

Adding the SCI to a site will activate additional features:-

- Access validation and extensive feature control of individual radios.
- Store billing records for each call
- Compiling of call statistics.
- Manipulate operational call parameters.
- Send system alarms to a regional control terminal.
- Auxiliary output drives and analogue/digital inputs.
- Rack temperature monitoring.

The memory of the SCI is capable of storing up to 84,000 call records and 262,000 individual mobile validations if the full 16Mbytes is installed.

### PHYSICAL

Dimensions	483 x 50 x 133mm
Weight	1.25 Kgs

### POWER

10-16v d.c at 220mA (max)

### CONFORMITY

CE conformity	EN50082-1
	EN55022



## Fylde philosophy

### Quality

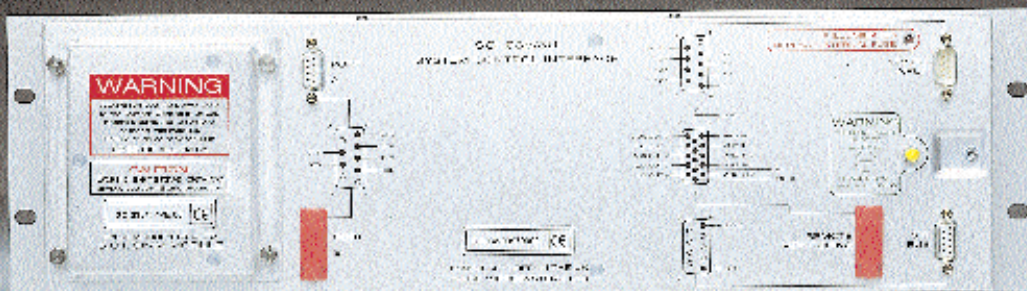
Fylde is fully approved to ISO9001, the TickIT supplement for software quality and is a BABT approved manufacturing facility.

### Capacity

More than 250,000 users can be accommodated (with 16 Mbytes RAM).

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