

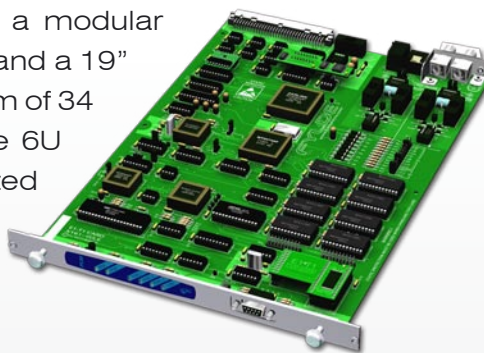


## Regional PCM Switch - Audio Routing

The PCM Switch is installed at the Regional node alongside the Regional Control Processor and in its simplest configuration, allows the routing of audio paths between base station sites. Additionally, the switch may be used to allow patching between base station ports and the PSTN / PABX telephone network as well as Line Dispatcher terminal.

## Modular Design..

The PCM switch is built using a modular system, based on slot in cards and a 19" rack mount chassis. A maximum of 34 switch cards, mounted in three 6U card frames, may be connected together to provide 128 non-blocking ports.



## Connection to E1 / T1 digital lines..

Now available: Connection to E1 / T1 digital lines. Analogue and digital cards utilize the same form factor and maybe installed in the same switch frame. Each digital card offers up to 30 ports, connected directly to an E1 line. Connections to T1 circuits provide the standard 24 ports. Fractional 64kbps circuits and telephone signalling are not supported.

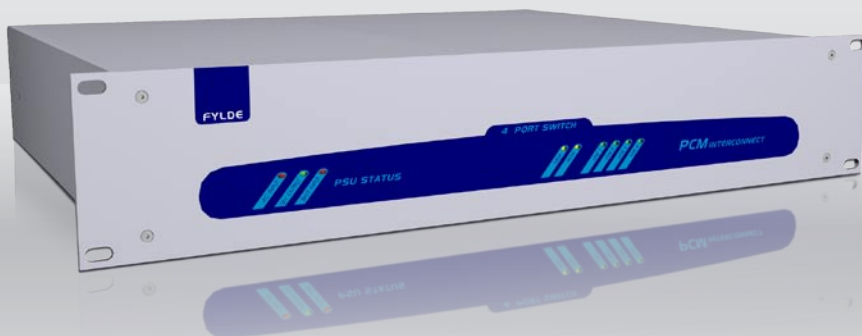
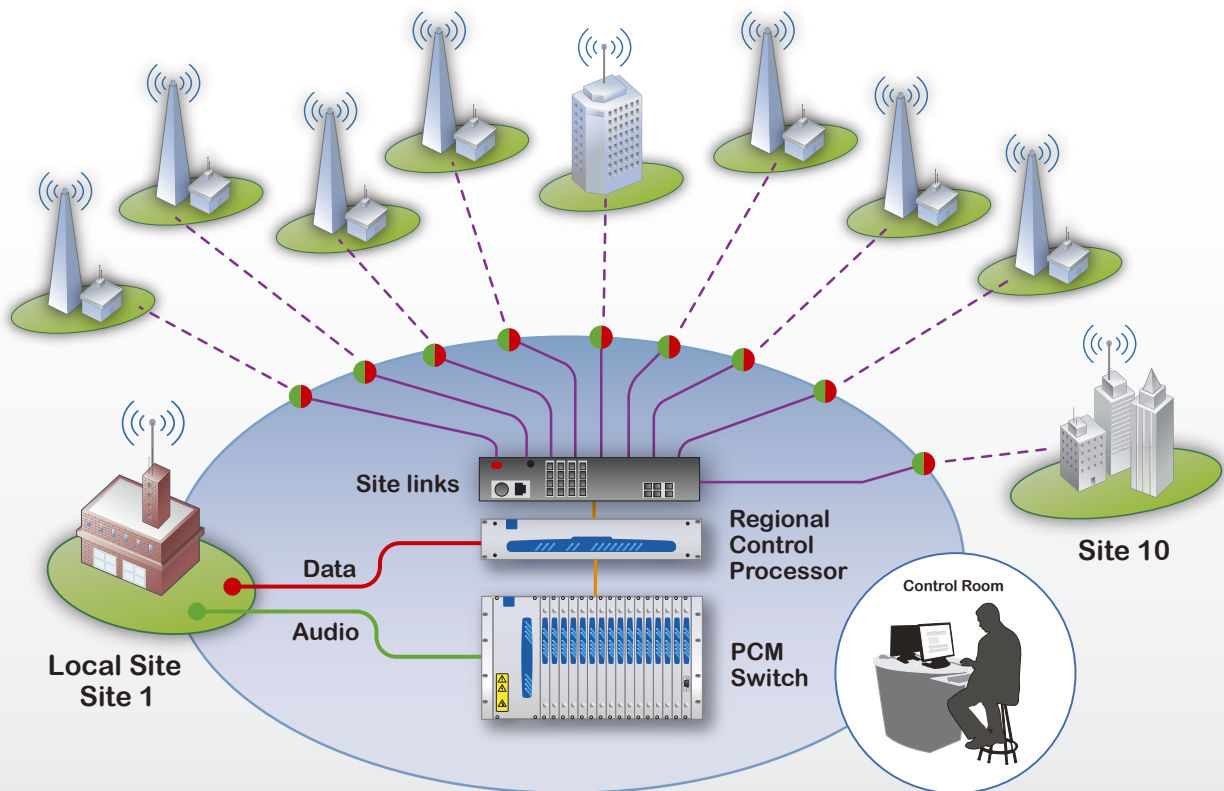
## Connection to analogue PABX / PSTN..

Each analogue card offers 4 private circuit connections or 2 PABX / PSTN and 2 private circuit connections. Each port is presented on a standard RJ45 socket.

## Low cost telephone interconnect option..

A small 2U rack chassis is also available offering a choice of the analogue card or the E1/ T1 digital card. Especially suited for site links.

## MPT1327 Regional System Example



PCM 2U rack chassis  
4 Port or E1/T1 cards.