

SMC Systems Are Installed Worldwide.

Typical Projects

- Open repeater, private mobile radio communication networks
- MPT1327 trunked radio networks
- Event and exploration radio communication support (Camel picture)
- Police and security forces command and control communications
- Automatic vehicle location over radio
- Data over radio
- Rapid deployment packages for military and disaster relief
- Airport communications including ICAO, ARINC selcall for ground to air HF links

Wherever the fixed telecommunications infrastructure is non-existent or inappropriate, then SMC can provide the needed communications.

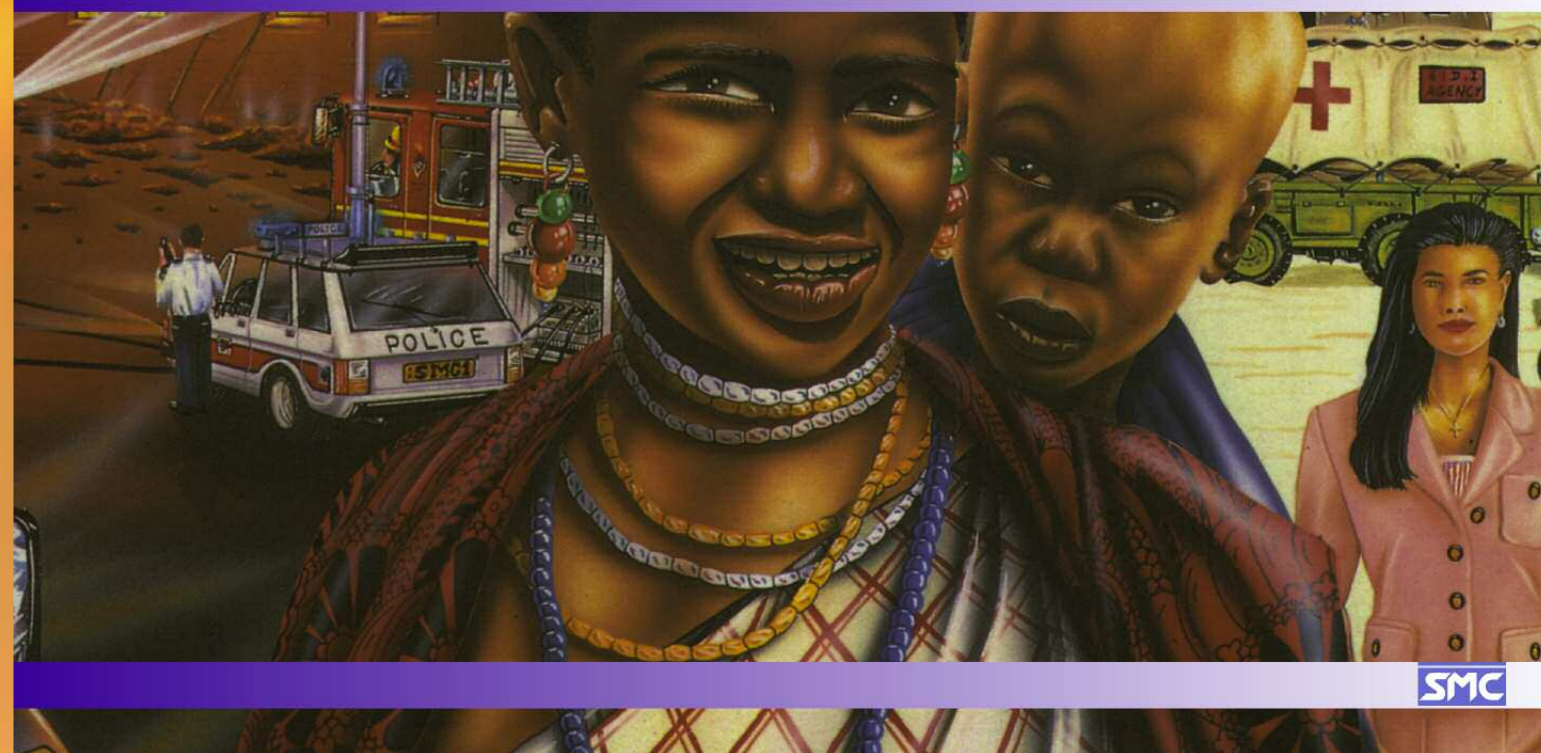


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SMC

Creating systems worldwide



For over 40 years, SMC has been supplying equipment and systems exclusively to radio communications markets worldwide. Today, the company is relatively unique in:

- Offering such a comprehensive range of radio communication products and services.
- Being dedicated to the radio communications market.
- Designing and manufacturing over 50% of the value of overall sales.
- Having access to a vast array of complementary products available from associates and approved suppliers.
- Providing big company professionalism together with the flexibility and responsiveness of a privately owned business.

SMC's extensive knowledge and experience is ideally suited to solving your communication problems, allowing us to handle all aspects of projects, including design, development, manufacture, procurement, systems test, installation and after sales support.

Project Management



Our project management team has many years of product and applications experience.

They are able to work with the user to configure a system that practically and economically meets the customers needs.

Using up to date computer systems for project control, their responsibility is to ensure that projects are completed on time, within budget and meet the requirement of our ISO9001:2000 Quality Plan.



Ongoing and bespoke product development means that your system utilises the latest available products and is customised to your particular needs.

In-house CAD facilities exist for mechanical, electrical and electronic design, together with computer-aided radio coverage mapping obtained from satellite topography.



Typical of the products and equipment developed are:



A crossgate for communication across different frequency bands enabling communication link between UHF, VHF, HF and public telephone networks.



Rugged and weatherproof, self-contained and fully portable repeater systems including cross-band and cross-mode repeaters.



The integration of various encryption systems into equipment to provide secure private communications.

The adaptation of commercial "off the shelf" (COTS) equipment for military use.

Manufacture

SMC manufacture the following:

- HF antennas
- Fixed and mobile lattice masts
- Tubular telescopic masts
- HF transceivers
- Wideband receivers
- Purpose designed products



Procurement

The company has agreements with most of the world's leading manufacturers of radio communication products, which means that you get the best equipment for your needs. Being independent, we can optimise the performance of each part of your system.



KENWOOD



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MARCONI COMMUNICATIONS



Systems Test

Factory and site acceptance tests are agreed with the customer at the outset. Extensive test facilities exist at SMC, enabling equipment to be CE marked, LVD tested and radio type approved to ETSI standards.



By comprehensively testing the system in factory, problems on site are minimised. Experienced in-house installation engineers, complimented by local support staff from our associates worldwide ensure efficient installation of your system.



Both technical and hands-on training is offered at our UK Chandlers Ford facility or at the user site.



When needed, timely service and spares are provided either under warranty, maintenance contracts or on an as required basis.

