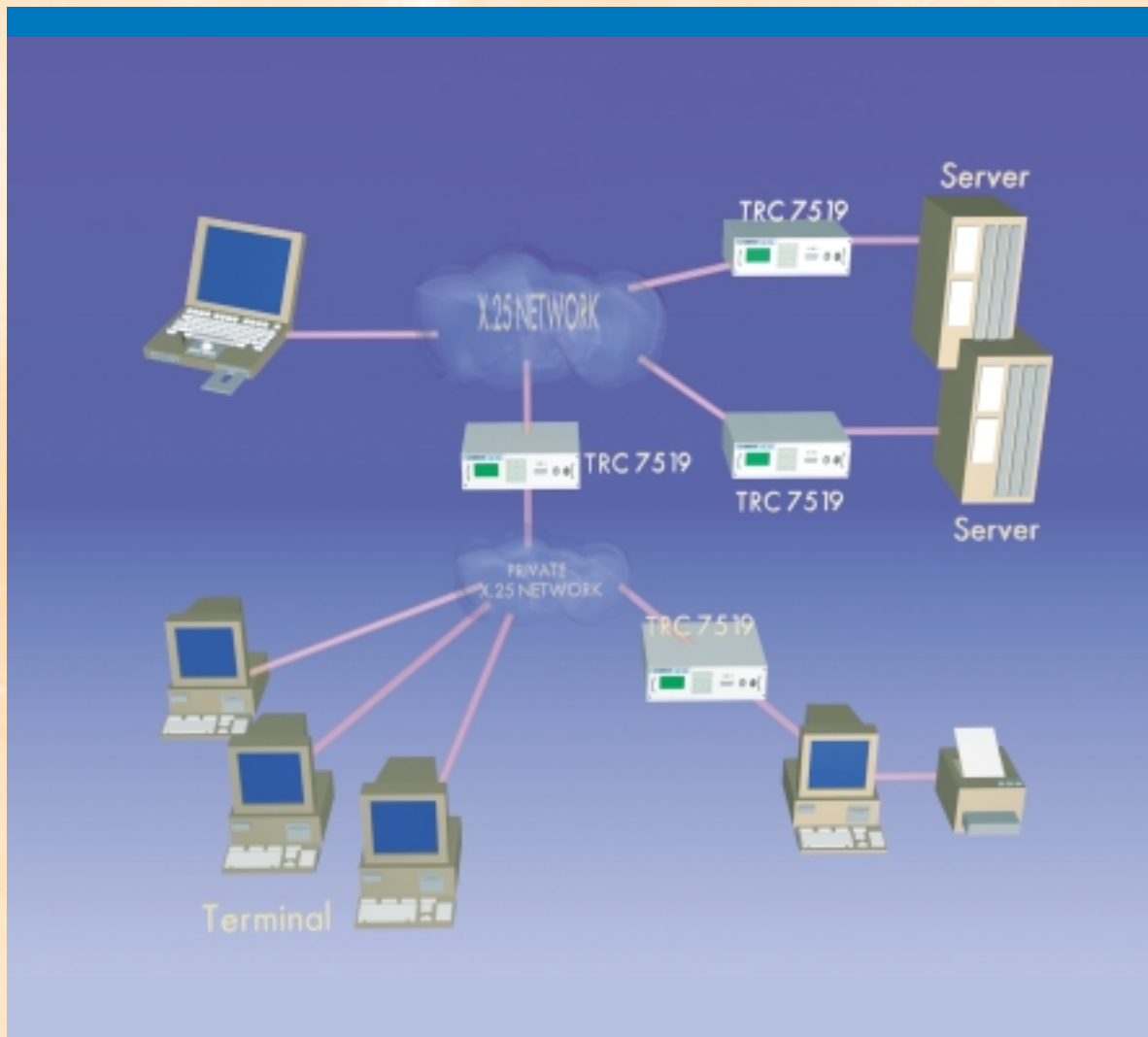


# TRC 7519

Data confidentiality  
on X25 networks



**THALES**



The ability to transfer data over large civil or governmental networks has made it necessary to introduce stringent and reliable security policies.

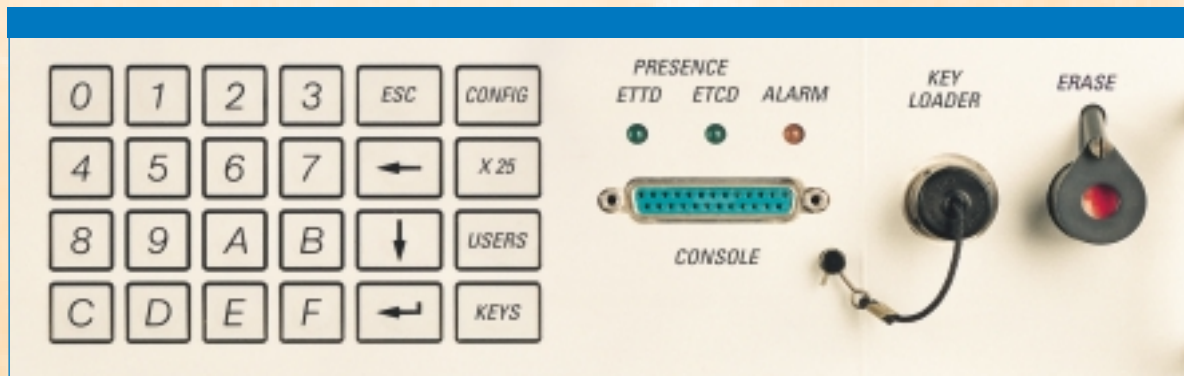
In response to this need, Thomson-CSF has developed a range of security systems for X25 networks. Part of this range, the TRC 7519 allows you to take advantage of the flexibility and high performances of current and future networks

### Flexibility of Use

Using the TRC 7519 system does not require you to make any modifications, either to the network or to applications. Installed between the station or "sub-network" to be protected and the modem, its operation does not affect network operation.

This security system is easy to install, thanks to the keypad and display on its front panel.





### High Security Services

The TRC 7519 authenticates the identity of remote users willing to connect, and renders data interchanged over the network, confidential.

The TRC 7519 is equipped with high level encryption algorithms and complies with TEMPEST standard AMSG 720 B, thus meaning it is designed for applications requiring a very high level of security.

### Operational Features and Performances

Its high performances and multiple interfaces make the TRC 7519 an ideal choice for current and future high-speed links.

The TRC 7519 can operate with or without the presence of an X25 network, allowing it to be used with a dedicated link. Moreover, several security zones can be implemented by installing two units one after the other.



# TRC 7519

## Security

Calls' identification and authentication  
User's data confidentiality  
Up to 1024 users declared per hardware system  
Access control to configuration through passwords and key authentication  
Logs security events (number of calls rejected; unknown address list; failed local log-ons; etc)  
Intrusion detection  
Emergency memory erasing  
Complies with standard AMMSG 720 B (Tempest)  
Complies with ITSEC level E3.

## X25 Links

Complies with X25 1988 LAPB standard  
V24, V35 and V11 line interfaces  
Line speeds from 2400 BPS to 128 KBPS, (depending on the interface)  
Packets from 64 to 1024 bytes  
Manages up to 128 virtual circuits  
Supports switched virtual circuits and permanent virtual circuits  
X121-compliant address formatting.

## Operational Running

Local: 4 line-20 character display and 24-key keypad. Status indicators. Key-loading by CRY 104H and by smart card reader  
Remote security administration centre.

## Physical Characteristics

Size	19" 2U rack
Depth	485 mm (fits into a 600 mm bay)
Weight	10 kg
Operating temperature	+ 5° C to + 45° C
Relative humidity	93 % condensation-free
Power supply	220 V 50 Hz
MTBF	above 20,000 hours.

# THALES