



AEP SCT-5100 SecComm TEMPEST - Encryption Module

The SCT-5100 is an encryption module enabling CAPS Enhanced Grade (IL4) security for the protection of UK and EU Confidential data in high threat TEMPEST environments. The module is assured to SDIP-27 Level A, the most stringent TEMPEST standard, for devices that will operate in NATO Zone 0 Environments, where it is assumed that an attack has almost immediate access (e.g. neighbouring room).

The SCT-5100 TEMPEST module contains an AEP ED20M CAPS approved Enhanced Grade encryption device and an AEP VE4150 router with an optional integrated data compression module, and fibre and RJ45 Copper LAN connections. This makes the SCT-5100 TEMPEST particularly suitable for deploying a team of staff with a requirement to access data services and applications (including VoIP) to sites outside of protected facilities.

Benefits

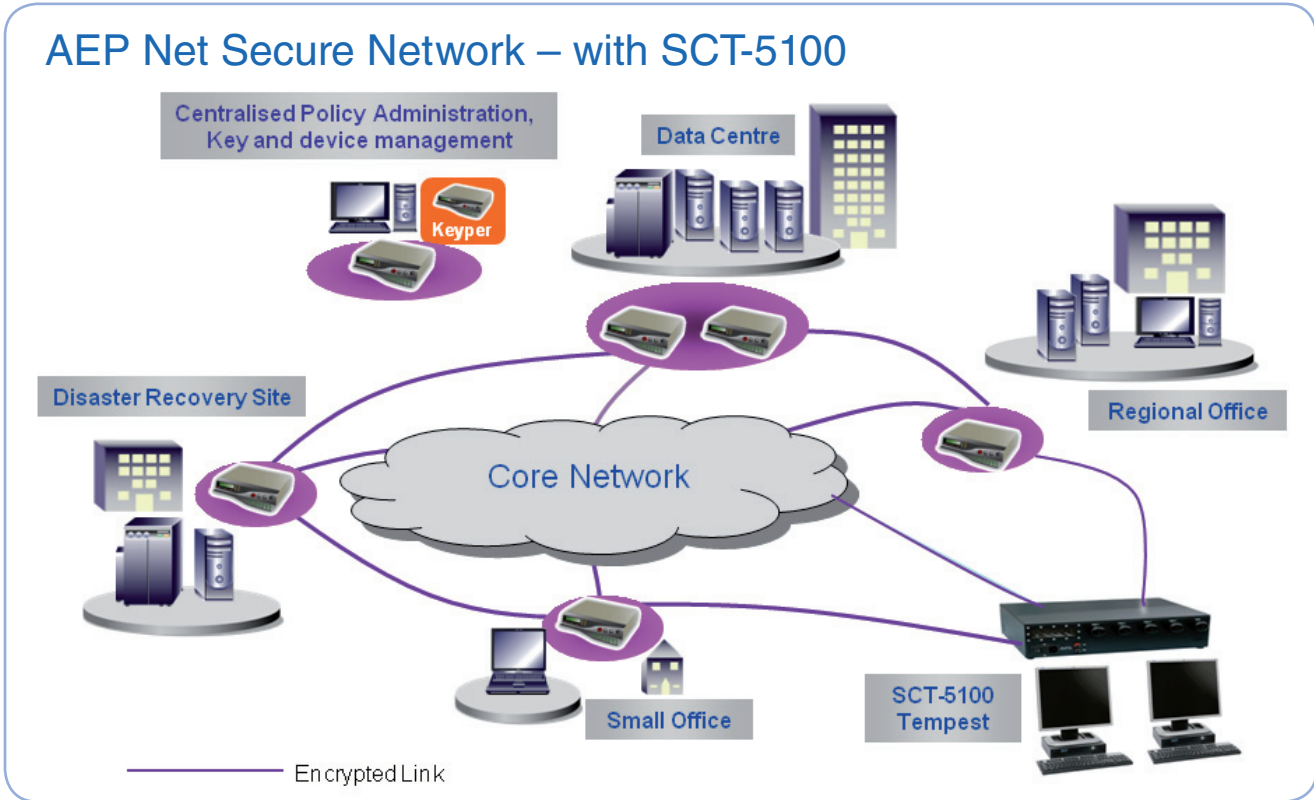
- Can be used to process protectively marked information in areas where it is not possible to achieve the required physical separation.
- Can be used where TEMPEST certification is required to meet end user's Information Assurance (IA) standards.
- Able to be inconspicuously transported in Airline cabin baggage, maintaining visibility of the unit and its environmental (temperature) conditions

Features

- CAPS Approved "Enhanced Grade" IPsec based IP security gateway
- Sophisticated tamper protection and compromise control
- Data compression for throughput optimisation over slow speed circuits
- Shielded 'windows' for system status monitoring
- Integrated power filtering & power status indicators
- Optional hard shell airline cabin transport case
- Integrates into the proven AEP Net encryption solution with all the advantages of centralised key and equipment management functions
- Standard Ethernet WAN connection, approved for direct connection to the Internet
- Choice of Fibre or Shielded Ethernet connections to TEMPEST terminal equipment (e.g. Thin Client terminal or VOIP phone)

TEMPEST - Encryption Module

The SCT-5100 TEMPEST interfaces into an AEP Net encryption infrastructure. A typical deployment is illustrated below:



For a complete TEMPEST solution, the SCT-5100 TEMPEST is available with the following options:

- SV90TF TEMPEST Wyse Thin Client Terminal.
- SST SV2TF TEMPEST Sun Ray Thin Client Terminal.
- SL19TF TEMPEST Monitor.
- SN6700TFS TEMPEST notebook computer with CAPS encrypted Hard Disk.
- ST4625TF TEMPEST VoIP Phone
- SP3000TF TEMPEST network laser Printer
- SP1000TF TEMPEST small laser Printer (interfaces with Client)
- SP470TF TEMPEST portable inkjet Printer (interfaces with Client)
- SS100TF TEMPEST portable Scanner (interfaces with Client)

Communications solutions

The SCT-5100 TEMPEST module is supplied with an AEP vadEdge multi bearer communications router enabling the delivery of services over almost any WAN bearer communications medium, including 3G, GPRS, PSTN, Basic Rate ISDN, xDSL, Lease Line and an optional BGAN Satellite terminal with a choice of Inmarsat BGAN airtime packages.

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