# THALES

TCE 621/V - VPN CONCENTRATOR ENABLES AD-HOC ESTABLISHMENT OF SECURE COMMUNICATIONS

> TCE 621/V is the Cryptel-IP VPN Concentrator - enabling use of dynamic IP addressing for remote clients with TCE 621/M.

> The TCE 621/V can be remotely managed from the TCE 671 SMC.

> The TCE 621/V can support up to 200 remote clients.

> Supports roaming of mobile clients between multiple concentrators.

NETWORK SECURITY

TCE 621/V - VPN CONCENTRATOR
Enabling Cryptel®-IP networks to include clients connected to ISPs with dynamic IP addresses

TCE 621/M

TCE 621/V - VPN CONCENTRATOR

WIDE AREA NETWORK

TCE 621/M
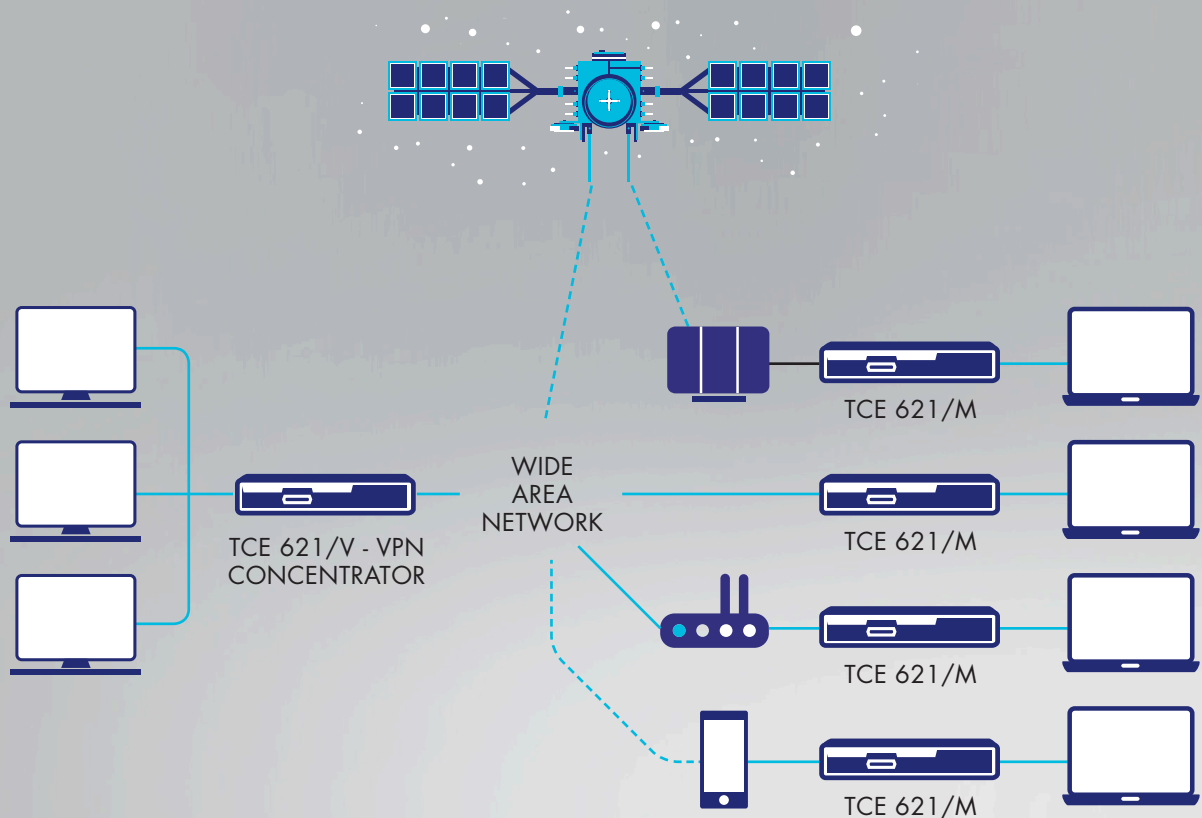
TCE 621/M

TCE 621/M

TCE 621/V - VPN CONCENTRATOR

Enabling clients with dynamic IP addresses

The TCE 621/V - VPN Concentrator is a key element in the third generation of the Cryptel-IP system to allow use of dynamic IP addressing for the TCE621/M encryption devices. This allows a TCE 621/M to connect over a public network and receive an IP address, as an alternative to using a statically allocated IP address in the public network. This enables Cryptel-IP security features to be offered more flexibly to users connected to public networks.

MAIN CHARACTERISTICS

Remote management of networks using dynamic IP addressing can be done by TCE 671 SMC.

Each end system protected by a TCE 621/M communicates with an end system or server on the red side of the TCE 621/V.

Concentrator functionality means that the TCE 621/V is able to learn the dynamic IP addresses used by the communicating TCE 621/Ms, and then use these IP addresses in the communication with the TCE 621/Ms.

The dynamic IP address and other information for each TCE 621/M are stored in a dynamic client information table in the TCE 621/V when the first IP packet is received from the TCE 621/M. This information is kept in the TCE 621/V during a given, configurable connection timeout period.

If no data traffic or keep-alive message is received from a TCE 621/M within this timeout period, the TCE 621/V removes the information about this TCE 621/M from the dynamic client information table.

The network may include more than one TCE 621/V for capacity or redundancy purposes. Each TCE 621/V can handle approximately 200 TCE 621/Ms. The actual TCE 621/V is selected by a TCE 621/M according to the address information in the ACR for each end system connection initiated by an end system on the red side of the TCE 621/M.

The TCE 671 SMC can handle any number of TCE 621/Vs in the same network.

TCE 621/V has the same capacity and physical characteristics as TCE 621/C. All TCE 621/C accessories can be used with TCE 621/V. Available with both Type A and Type B algorithms.