



Airbus CyberSecurity presents ECTOCRYP® Blue

Certified to protect up to TOP SECRET UKEO providing 1Gb/s throughput of secure voice, data and video in a meshed or hub and spoke architecture.

ECTOCRYP® Blue provides the functionality and flexibility to be the ideal gateway device for deployed PRIME devices such as ECTOCRYP® Yellow. It is capable of high throughput with traffic prioritisation allowing ECTOCRYP Blue® to ensure that the critical data arrives at its destination. Supporting dynamic configuration through Crypto Discovery, DHCP and Routing Protocols such as OSPF and RIP, system setup and maintenance is simplified.

With a support package providing up to 24/7 365 support from SMEs and Key ordering, Installation and Configuration assistance available.

Benefits



High Capacity



High Throughput



24/7 365 support from SME's in the UK



Traffic Prioritisation



Dynamic Configuration with automatic updates



Improved bandwidth efficiency

Technical Specifications

Features

- PRIME Suite A
- IKEv2 (Pre-Shared Keys)
- Community Separation (CCOI)
- Pre-Placed Key (Manual) SA
- Multicast – Including receive only mode (EMCON)
- Remote Management
- Crypto Discovery - PTS
- OSPF & RIP
- QoS Bypass
- Qos Queuing
- NAT Traversal
- Access Control Lists
- IP Fragmentation and Reassembly
- Management via SNMPv3

Capacity

- 1000 simultaneous Security Associations
- Support for over 1000 keys (PPK, PSK, CCOI)
- >1.6 Gbit/sec bidirectional IMIX throughput
- <1ms latency

Certifications

- PRIME 1.3.2
- High Grade CAPS evaluation up to TS UKEO
- TEMPEST: Certified to SDIP 27/1 Level A
- RoHS Compliant
- EU EMC Directive and EU Low Voltage Directive

Security Features

- CIK support to enable operation
- Encrypted Software Update
- Tamper Detection
- Tamper Evident Seals
- Full Zeroise function
- Remote kill capability

Physical interface

- Management - 100Base- RJ145 (Front and Rear)
- Plaintext and Ciphertext - SFP
1000Base- T/1000Base- LX/1000Base-SX

Physical and Environmental Specifications

- Size: 2 U 19" Rack; 84x480x505 (HxDxW in mm)
- Weight: 15kg
- Operating Temperature:
0°C to 35°C – Humidity 30% to 70%
- Storage Temperature:
-20°C to 60°C – Survive Humidity 93% @ 55°C
- Power: AC from 85-264VAC 47-63Hz

Future

- Certificates support
- Automatic annual rekey
- Simple and immediate isolation of compromised keys

AIRBUS

FRANCE

Metapole 1, boulevard Jean Moulin
CS 40001 / 78996 Elancourt Cedex
France

GERMANY

Willy-Messerschmitt-Str. 1
82024 Taufkirchen
Germany

UNITED KINGDOM

Quadrant House / Celtic Springs
Coedkernew / South Wales
NP10 8FZ / United Kingdom

This document is not contractual. Subject to change without notice.
© 2021 Airbus CyberSecurity. AIRBUS, its logo and the product names are registered trademarks. All rights reserved.

contact.cybersecurity@airbus.com
www.airbus-cyber-security.com

