L3HARRIS®
FAST. FORWARD.

MIDI-CATAPAN KEY AGENT

1 Gbps UK High Grade S and TS IP Encryption Device

TECHNICAL SPECIFICATIONS	
Interoperability	In line with the latest UK interoperability specifications using the UK Suite A Traffic Protection Algorithms
	Fully interoperable with other CATAPAN PRIME devices
Classification	OFFICIAL ACCSEC when non-operational and in controlled separation from the CIK, even when fully configured and loaded with key
Software and Firmware updates	Ability to securely apply updates via in-field device re-configuration, comprising physical SEK token (requiring device access) & encrypted software package applied from local/ remote management domains
Key	
Key fill	Legacy: UK IKD mode Benign: Symmetric Key Transfer compatible via interoperability with a compliant Symmetric Key Manager
Crypto Ignition Key (CIK)	Enables OFFICIAL ACCSEC classification when non-operational
	Master/backup CIK capability
Key storage	128 Current PSK Keys & 128 Current CCOI Keys
	128 Next PSK & 128 Next CCOI Keys
Physical characteristics	
Dimensions	H 1U, D 425 mm, W 19" half rack (210mm)
Weight	<3kg
Power consumption	~70 Watts
Power supply	90-260v AC, COTS mains adaptor supplied
Speed	1 Gbps duplex throughput* * depending on packet size
Equipment versions	Suite A - 128 PRIME IKE SAs*
Interfaces	
Physical interface	GbE support via pluggable fibre 1 Gbps SFP with jumbo frame support
Management	
Local and remote management	Standards based using SNMPv3 Supplied with CATAPAN Device Manager (for all current products)
Environmental	
Operating range	0 - 40°C
Storage range	-10 to +65°C
Tempest	TEMPEST Standard SDIP-27 Level A
EMC	EMC Directive 2004/108/EC

* Dependent on network & device configuration



Midi-CATAPAN Key Agent is a strategic encryption device which assures the highest levels of security and functionality at the fastest speed available.

Designed as a high-speed encryption solution, Midi-CATAPAN is ideal for secure data centre connectivity, where bandwidth requirements call for a high performance solution.

KEY BENEFITS:

- Enables easy transition from legacy to benign over-the-network NCSC Key Delivery standards
- Enhanced key storage supporting large-scale mobility conops via key-per-link
- High Grade S and TS in-field re-configurable platform
- High bandwidth strategic deployment
- OFFICIAL ACCSEC when non-operational
- 1Gbps duplex throughput
- High speed, low latency
- Easy to configure
- Remote key management

L3Harris.com

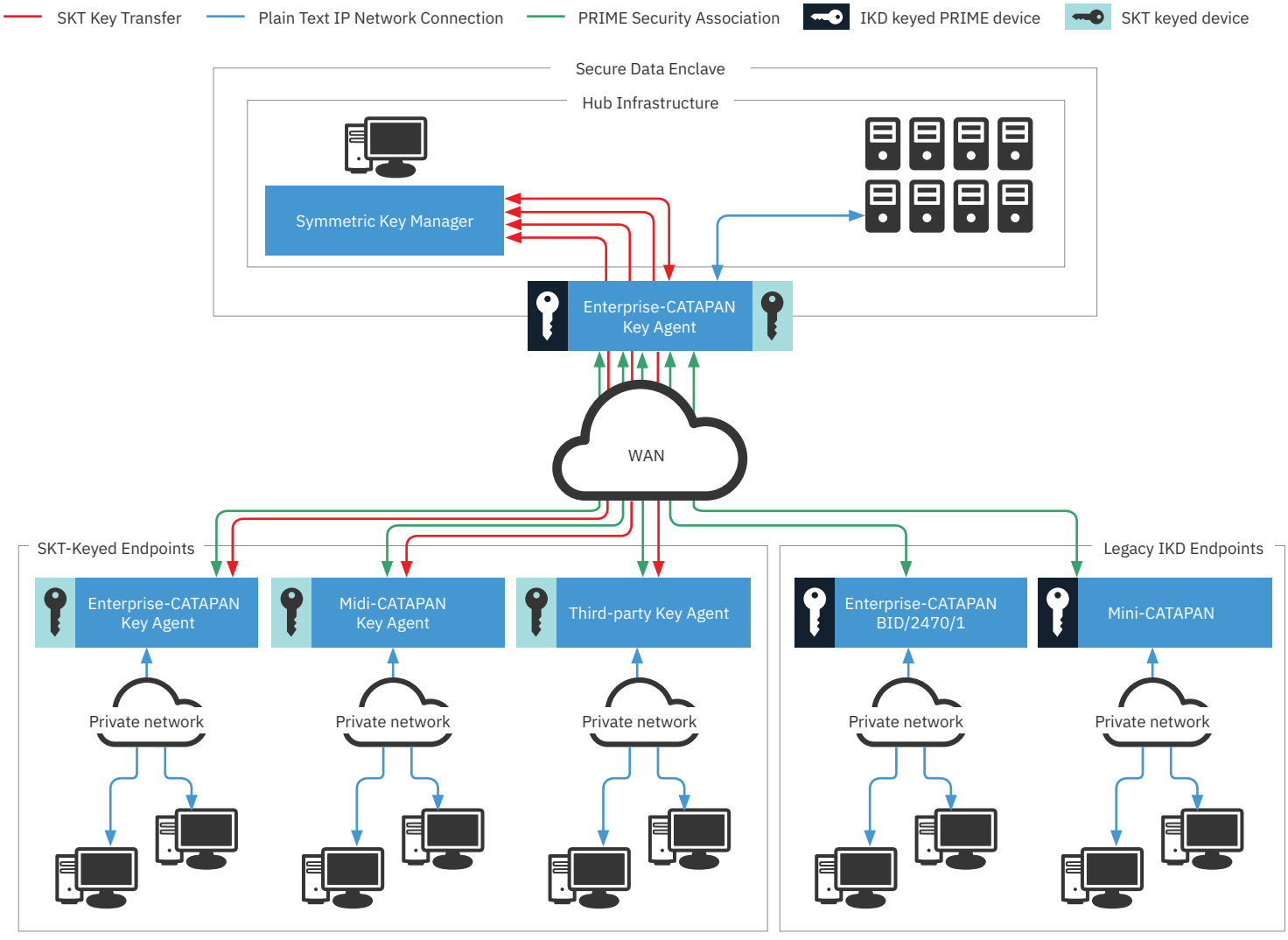


Midi-CATAPAN KA is ideally deployed together with Enterprise-CATAPAN KA in a hub and spoke network reflecting a CONOPS of a core HQ supporting multiple remote satellite strategic sites.

Midi-CATAPAN KA is easily re-configured in the field, enabling over-the-network software and firmware upgrades for added flexibility.

Midi-CATAPAN KA has 128 PRIME IKE SAs, keyed by either IKD or SKT in order to support a managed transition to SKT for legacy estates.

In addition, the CATAPAN Configuration Viewer enables users to view comprehensive pictorial representations of device configurations. Interface and Tunnel information can be quickly displayed on screen; providing detail on SPD parameters, SPI, keys and Tunnel status in addition to the IP addresses of the PT/CT interfaces.



MIDI-CATAPAN KEY AGENT

© 2023 L3Harris Technologies, Inc. | 03/2023

L3Harris reserves the right to amend specifications in the light of continuing development.

L3Harris Technologies is a Trusted Disruptor for the global aerospace and defence industry. With customers' mission-critical needs always in mind, our 46,000 employees deliver end-to-end technology solutions connecting the space, air, land, sea and cyber domains.

L3HARRIS®
FAST. FORWARD.

L3Harris, Spectra House, Shannon Way,
Tewkesbury, Gloucestershire GL20 8GB
United Kingdom

t +44 (0) 1684 278700
f +44 (0) 1684 850406