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# ENTERPRISE-CATAPAN KEY AGENT

## 1 Gbps & 10 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 & B 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 12 months' 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<br>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 | 256 Current PSK Keys & 256 Current CCOI |
| | 256 Next PSK & 256 Next CCOI Keys |
| **Physical characteristics** | |
| Dimensions | H 2U, D 425 mm, W 19" rack |
| Weight | <10kg |
| Power consumption | ~70 Watts |
| Power supply | Dual redundant 90-260v ac 50/60 GHz |
| Speed | 1 Gbps or 10 Gbps duplex throughput*<br>* depending on packet size |
| **Equipment versions** | Suite A - 256 PRIME IKE SAs* BID/2930/1 |
| | Suite B - 256 PRIME IKE SAs* BID/2930/2 |
| **Maintenance** | Cooling fans and power supply units can be changed/ replaced without compromising the integrity of the crypto module |
| **Interfaces** | |
| Physical interface | GbE and 10 GbE support via pluggable fibre 1 Gbps SFP, 10 Gbps SFP+ with jumbo frame support |
| **Management** | |
| **Local and remote management** | Standards based using SNMPv3<br>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



Enterprise-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, Enterprise-CATAPAN is ideal for secure data centre connectivity, where bandwidth requirements call for a high performance solution.

### KEY BENEFITS:

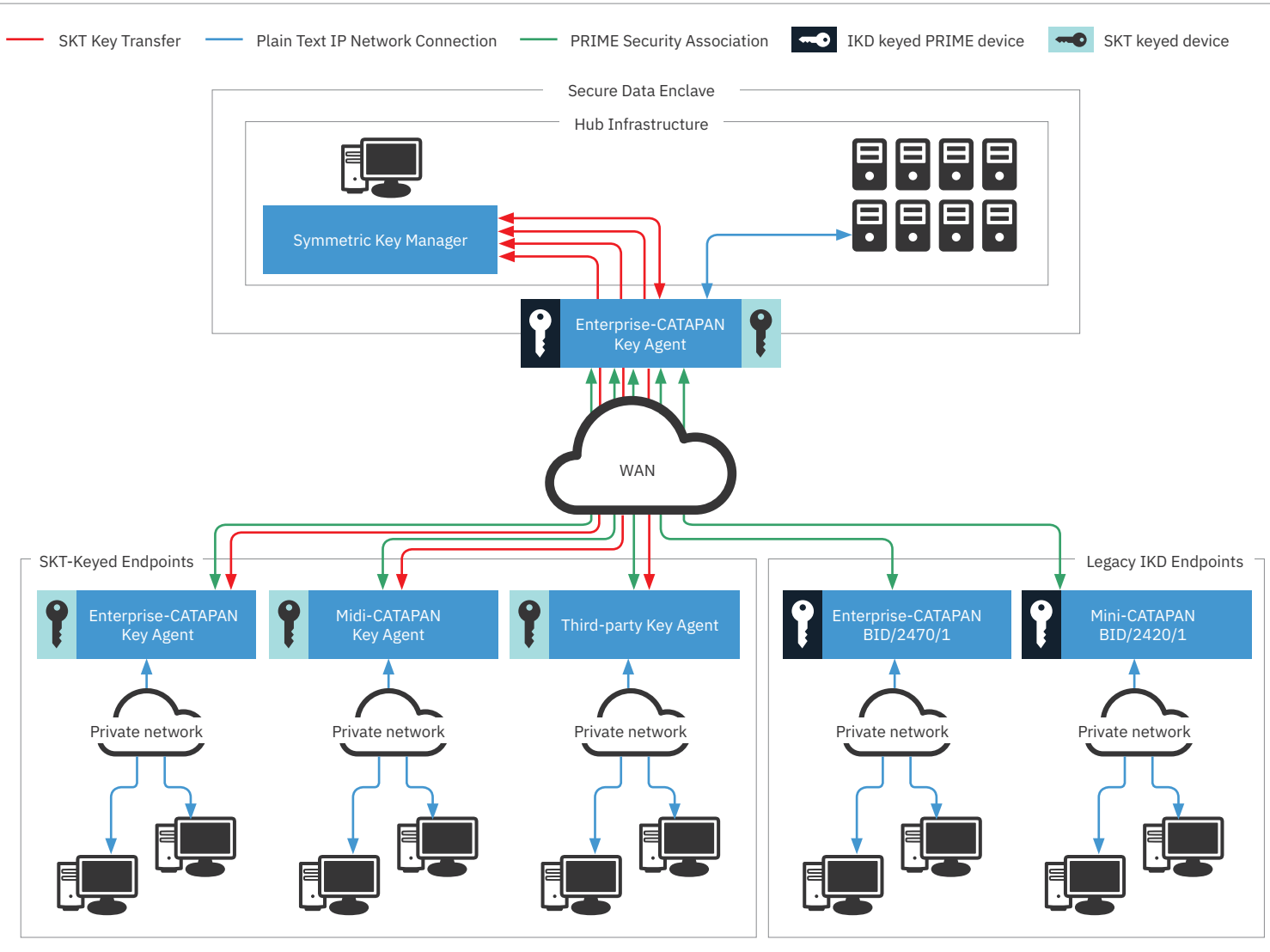
- Enables easy transition from legacy to benign over-the-network NCSC Key Delivery standards
- Enhanced key storage supporting large-scale mobility conops via unique key-per-link
- High Grade S and TS in-field re-configurable platform
- High bandwidth strategic deployment
- OFFICIAL ACCSEC when non-operational
- 1Gbps/10Gbps duplex throughput
- High speed, low latency
- Easy to configure
- Remote key management

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

Enterprise-CATAPAN is easily re-configured in the field, enabling over-the-network software and firmware upgrades for added flexibility. Enterprise-CATAPAN KA has 256 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.




**ENTERPRISE-CATAPAN KEY AGENT**

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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.

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