

CATAPAN: GOVERNMENT GRADE INFORMATION ASSURANCE AND RESILIENCE

Securing the country's most sensitive data, networks and assets

CATAPAN is a Government grade information and resilience solution that provides the most effective line of defence to counter the growing threat and evolving nature of cyber-attacks, whilst giving the freedom and flexibility to operate without constraint.

CYBER ATTACK: A CLEAR AND PRESENT DANGER

Public networks are essential arteries, carrying the lifeblood of data and communications for governments, agencies and enterprises. As we all adopt cloud services and other advances in information technology, we step closer to the danger of cyber-attack and the very real threat of a hack with significant security, financial or reputational implications.

Whether the enemy is state sponsored actors, ransomware criminals or aggrieved individuals, there is a clear and present need to ensure the confidentiality and integrity of data whilst giving the freedom and flexibility to operate without constraint.

CATAPAN: SECURITY AT THE HIGHEST LEVEL

At the heart of the protection of our nation's critical national

infrastructure and sensitive communications to Secret and Top Secret level is hardware based encryption; the process of encoding data so that only intended parties can read it.

It is recognised as the most reliable way to ensure the confidentiality, integrity, and availability of data, networks and assets. CATAPAN is at the heart of delivering resilient solutions to meet that requirement.

The CATAPAN family offers a fully integrated, interoperable range of solutions to provide secure, Government grade encryption for every type of scenario, from in-theatre operations to cross-government communications.

CATAPAN is best-in-breed for data-in-transit, data-at-rest and key management – the most effective line of defence to counter the growing threat and evolving nature of cyber-attacks, whilst giving the freedom and flexibility to operate without constraint.

RESPONSIVE SOLUTIONS NOW AND IN THE FUTURE

CATAPAN encryption solutions provide end-to-end protection of traffic across public and private IP networks, ensuring the integrity, confidentiality and availability of your data, assets and infrastructure both now and in the future.

GOVERNMENT GRADE NETWORK SOLUTIONS

Key benefits:

- > Data protection without network performance penalties
- > Enables the creation of powerful and secure networks with reduced downtime
- > Agile network security with the flexibility to adapt to future needs
- > Enhanced capability designed to work across a multitude of platforms

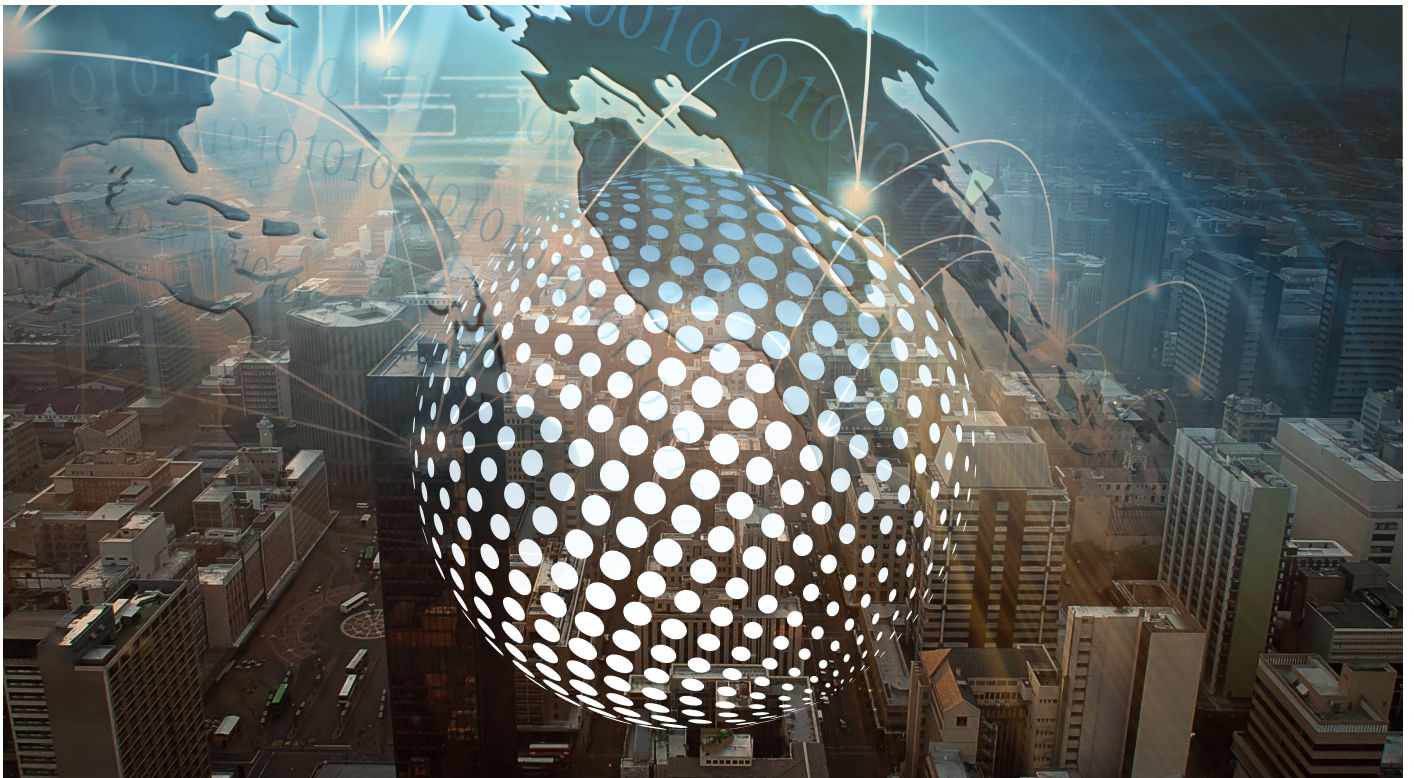
SECURING DATA-IN-TRANSIT

AWARD WINNING CAPABILITIES

In an astonishingly short timespan the threat of cyber-attack has accelerated from distant possibility, through to viable concern to an everyday reality.

In an insecure world, CATAPAN's award-winning capabilities restore security and trust in data-in-transit. From single link encryption to multi-location network protection, and whether it be for enterprise, deployable or mobile applications, CATAPAN means the end-to-end protection of your data across public networks is assured.

- > CATAPAN delivers data protection without network performance penalties – on the surface network traffic flows as normal, while crucial data is seamlessly secured in the background. With up to 10Gbps duplex throughput, performance is sustained regardless of processing loads, with almost zero latency.
- > As the first to market for PRIME certified crypto devices, our experience results in easier deployment into different infrastructures, and speeds the migration of legacy standards to reduce downtime and enable the creation of powerful and secure networks.
- > From high speed strategic deployment to tactical or secure home working, CATAPAN provides agile network security with the flexibility to adapt to future needs, including the updating of legacy secure voice systems.
- > Where there are bespoke requirements, CATAPAN can be easily embedded into systems, allowing a multitude of platforms to be enhanced with the security to operate without constraint.



A CRYPTO FOR EVERY SCENARIO

CATAPAN delivers security across public and private networks, from the strategic or enterprise down to the highly tactical and mobile, integrating sophisticated encryption technologies to deliver network security solutions that support your own communication needs.

SECURING DATA-AT-REST

ASSURANCE FOR A CHANGING WORLD

The latest iteration of CATAPAN is a genuinely transformative breakthrough in the security of data-at-rest (DAR). Whether it be for private cloud (iSCSI), or public cloud, this latest capability enables us to provide government organisations with Government grade security for DAR.

CATAPAN will deliver a Government grade solution that provides low latency and high throughput, is user transparent in operation, has low through-life costs and meets the increasing need for shared access.



PRIVATE CLOUD

Working as a gateway crypto, CATAPAN is positioned on the boundary of a private government classified network. The system encrypts any data written to a SAN from an iSCSI initiating device and decrypts data read from the target storage device.

With stored data encrypted and therefore rendered meaningless to all but the intended recipient, iSCSI CATAPAN makes any attack or data breach futile. Such a hitherto unavailable level of security allows for a more open system that can enable data to be stored without risk of compromise or loss.



PUBLIC CLOUD

Until now the huge potential of cloud storage to enhance data access and data sharing in all operational environments has been hampered by security concerns.

CATAPAN, again working as a gateway crypto, changes the game, delivering Government grade security assurance with no reduction in freedom or speed of access. In so doing CATAPAN offers a level of security and reliability that cloud service providers cannot match.

GOVERNMENT GRADE CRYPT KEY SOLUTIONS

Whether an attack is launched by cyber criminals or cyber terrorists and whether the target is a nation state's secret or a small business database, encryption is the single most effective solution to safeguard the data you value.

10,000+ LOCATIONS PROTECTED

A rapidly changing cyber environment also demands responsiveness on our part. Bespoke or customised solutions are increasingly needed, and we work to ensure all CATAPAN solutions are tailored to specific customer operational environments.

We also work with a host of companies, from SMEs to multi-national organisations to extend and enhance the capabilities of the CATAPAN portfolio and ensure continual support for the UK's cyber security strategy.



PARTNER OF CHOICE

We design, develop and deliver advanced electronic systems for the protection of people, infrastructure and assets when and where it matters.

We create scalable solutions by investing in innovation and delivering excellence. Working in partnership with civil and defence organisations, we defend against evolving and emerging threats worldwide.

As part of the leading US defence supplier L3Harris, we are resourced to anticipate and support our customers' evolving needs, staying one step ahead of the threat in a changing environment.

Our flexibility comes largely from the fact that we have retained the ethos of a smaller company, where relationship building is paramount.

The long-term customer, industry and in-country partnerships we develop pay huge dividends in terms of trust, responsiveness and our understanding of key issues.

These strong partnerships are a testament to the quality of our people applying their in-depth market knowledge and technical experience in order to understand our customers' requirements.

10+ YEARS OF GOVERNMENT GRADE INFORMATION ASSURANCE AND RESILIENCE

We distinguish ourselves in the cyber security marketplace with:

- > Over a decade of experience in Government grade encryption
- > Long-standing relationships with UK Government and commercial agencies
- > Award-winning products
- > Robust hardware solutions
- > Full support of deployed devices
- > SWaP and performance



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CATAPAN Government grade ENCRYPTION SOLUTIONS

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L3Harris Technologies is an agile global aerospace and defense technology innovator, delivering end-to-end solutions that meet customers' mission-critical needs. The company provides advanced defense and commercial technologies across air, land, sea, space and cyber domains.

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