



TriCIS pride themselves on being a collaborative partner and have worked hard since their inception to bring innovative ideas to life in conjunction with the changing face of security and the challenges it brings. At its heart, its people have in excess of over 30 years experience in designing and modifying computing, networking and peripheral equipment to meet military and HMG security requirements.

TriCIS have a rich history of collaboration and work with like-minded companies to respond to the modern threats to security we face.

Viasat is one such company who supplies NCSC approved cryptographic modules for the protection of data-at-rest.

The Viasat Inline Encryption Module

The encryption module is supplied from Viasat and utilizing a custom circuit, TriCIS are able to interface the device with a modern M.2 SATA SSD drive with the added potential bonus to increase read/write speeds and allow drive sizes up to two terabytes. The Eclipt Inline Encryption Module (EIEM) thus provides a fit-for-purpose solution at the correct security levels for customers with hardware encryption requirements.

By embedding the Viasat supplied module into the data path of a storage device, it is capable of performing cryptographic services, authentication, data encryption and data decryption. This configuration is certified up to the Eclipt 600 standard. Classifications for individual territories can be seen below. We can therefore utilise the EIEM to provide a CAPS approved hardware solution based on the same Eclipt architecture from the traditional core drives.