



# Mission Crypto Loader™

## CACI Delivers the Next Generation Key Loader



The U.S. military has a critical need for secure, encrypted, modern communications to help counter current and future threats. The Department of Defense and other U.S. Government agencies all require a modern, resilient, portable, intuitive, and ruggedized replacement for currently fielded cryptographic key loading devices. This new key loader must deliver high- and medium-assurance capabilities and meet National Security Agency (NSA) modernization standards.

To meet this need, CACI and its partners have created the Mission Crypto Loader (MCL). MCL is a smaller and lighter trusted mobile device than legacy key filled devices, and pairs improved power performance with a larger display. Using our human-centered design process, MCL features improved ergonomics and other human factor design considerations. MCL is also provisioned to support a detachable CSfC Black Network Interface Sleeve capability. Its one-handed operation and low size, weight, and power (SWaP) means a lighter burden and more performance for the user. MCL utilizes DS-101 and DS-102 protocols and can remotely fill end cryptographic units, load mission files, and provide software updates over the network.

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For more information about our expertise and technology visit:

[www.caci.com](http://www.caci.com)

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## Features

- Capable of loading numerous end cryptographic units (ECUs), such as Thales MBITR, 148C, 148D, and Javelin; Trellisware Shadow and CUB; and Silbus Streamcaster and 1523
- Accelerated NSA certification (KOK-24)
- Field upgradeable
- Low carry weight of 2.95 lbs, including accessories
- Very compact for one-handed use – 6.7" x 3.25" x 2.2"
- State-of-the-art 20.9 watt-hour lithium ion slim form battery
- Battery life of 18 hours
- Advanced display provides 50,000 hours of LED lifespan with just .39 watts of power
- Rugged design features multiple 6061-T6 all-aluminum housings with interlocking enclosures
- Enhanced external interfaces, such as USB, ethernet, central index key (including Datakey Bar Series receptacle), and fill port
- Optional detachable CSfC-compliant Black Network interface

## Benefits

- MCL design maturity delivers a device with multiple functional interfaces, reduced technical risk, and accelerated low-rate initial production delivery
- Expedited fielding ensures reduced obsolescence risk from legacy systems, reducing failure rates
- Improved usability and ergonomics ensure improved maintenance, logistics, and sustainability
- Maximized battery life and low SWaP provides a more capable and lighter key loader device



## CACI's MCL Team: A Record of Performance

CACI and the MCL team bring a record of past performance excellence to meet the needs of the key loader user community with confidence on an accelerated timeline. The team comes to the MCL effort with a report of technical and operational expertise gained through the delivery of more than 370,000 NSA Type 1 technology products over the past two decades, and direct involvement with NSA-certified fill devices for more than three decades. Our fully-staffed manufacturing lines produce high-quality, on-schedule, low-cost products that feature excellent performance and can surge to meet aggressive fielding targets.

This material consists of CACI International Inc general capabilities information that does not contain controlled technical data as defined within the International Traffic in Arms Regulations (ITAR), Part 120.10, or Export Administration Regulations (EAR), Part 734.7-10. (PRR ID586) 8/3/2022



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