CUSTOMIZED LAPTOPS FOR MILITARY BACK-OFFICE USAGE

Challenge

The US government with direct experience in government tenders noted that certain organizations under the military department require absolute data privacy and isolated connectivity in specific scenarios. These measures are essential to prevent cyberattacks—especially those exploiting zero-day vulnerabilities—and to ensure compliance with encryption standards for storing sensitive data.

Solution

To meet the stringent privacy and security demands of military operations, SP Integration delivered rugged laptops with webcams and microphones fully removed—ideal for use in back-end processing and command centers. These devices were IUID-compliant and equipped with CAC card readers certified under the FIPS 140-2 cryptographic standard, ensuring secure access and data protection. We also offered a white-label solution, allowing custom branding on both laptops and SSDs. This not only fulfilled operational and compliance needs, but also helped the client maintain a consistent and professional brand identity in mission-critical deployments.

Requirements

- Intel Core i7-1280P
- No webcam/microphone option
- 16-inch display
- Integrated smart card reader (CAC)

Benefits

- **Rugged & IUID-Compliant Devices**

  Item Unique Identification (IUID) compliance for durability and asset tracking in mission-critical environments

- **FIPS 140-2 Certified CAC Card Readers**

  Integrated CAC card readers comply with the FIPS 140-2 cryptographic standard to ensure secure system access and data encryption

- **Privacy-Compliant Hardware Design**

  No webcams or microphones to meet strict data privacy standards for military use