Cypherbridge Systems
Azure IoT Security Center

Cypherbridge®
Trusted, safe and secure

Microsoft
Cloud Solution Provider

IOT DEVICE SECURITY SOLUTIONS

- ✓ Security Vulnerability Analysis and Remediation
- ✓ Greenfield and Legacy Product Lines
- ✓ Off the shelf and tailored solutions
- ✓ Secure Boot, Safe Install, Software lifecycle support
- ✓ Standards Based Secure Communications Protocols

PRODUCT AND SYSTEM INTEGRATION

- ✓ IoT Security Solutions Platform Integrated and Tested
- ✓ Design Services
- ✓ IT to IoT end-to-end system integration and testing

More Information

Industry Focus

IoT Device to Cloud Data, Intelligence and Analytics is transforming industries such as Industrial Control, Manufacturing and Factory Automation, Medical Device, Smart Building, Electric Power Grid, Agriculture and Transportation.

Proven benefits and value include increased efficiency and productivity, lower operating costs, streamlined system management, and shift from reactive to predictive analytics.

The intersection of IoT with vertical applications and industries is driving solutions that demand secure connectivity, reliability, trust, and electronic data encryption.

Cypherbridge IoT Security Center

IoT Security foundations start with Identity, Authentication and Trust, Encryption, and Data Integrity. Legacy and new IoT product security risks include remote access, botnet capture, firmware wiping, and range of other vulnerabilities. Industry practice and regulation is driving requirements for defense in depth and countermeasures to keep pace with this long term trend. Tackle the challenge working with the Cypherbridge Azure IoT Security Center for tailored IoT Solutions Delivered.

Security Audit and Vulnerability Review	*Security Scan*
Secure Coding Practices & Regulation	*Secure Boot*
Remediation	*Secure Software Update*
Design services and tailored solutions	*Factory Image bootstrap and recovery*
Off-the-shelf Security SDKs	*IP Protection*
Firmware Over the Air Update	*Anti-Cloning*
Device Unique Credentials	*Secure Network Communications*

Partner with Cypherbridge

Cypherbridge is a Microsoft Cloud Solution Provider and partnered with the Microsoft Firmware Security Partner Network.

IoT systems demand a broad range of skills, including embedded software design, networking, cloud computing, and expert security practices. Cypherbridge offers comprehensive design serivces for end-to-end line of business applications, including IoT device platform integration, and Azure IoT Hub and cloud computing.