

Cypherbridge® Systems SDKPac™ for Synergy

Cypherbridge®
Trusted, safe and secure



The Cypherbridge SDKPac for Synergy includes SDKs & Toolkits to fit a wide range of embedded applications and vertical markets. Integrated with off-the-shelf development kits, SDKPac delivers a tailored project ready solution. Add design services for end-to-end line of business applications including platform integration and system level cloud computing.



Applications and Industries

- * Industrial Control, Manufacturing and Automation
- * Healthcare and Medical Device
- * Smart Building and Energy Management
- * Network Equipment
- * Water Treatment, Pump Systems, Environmental Quality Control
- * SCADA and machine control
- * IoT Edge node gateway for low power wireless LAN to cloud
- * Enterprise grade encryption, authentication and authorization



SDKPac Premium

Accelerate your journey to the IoT Cloud. Partner with Cypherbridge to add project design services for device and system integration, differentiating features, and priority technical support

- * End-to-end solution delivery for IoT device, network and cloud
- * On-demand software development
- * Full stack Cloud Computing and data systems engineering
- * User and device facing Web Services
- * Windows System Internals Driver, Advanced Security Analysis and Malware Defense

SDKPac Features Include:

- * uSSL TLS 1.2 server, client, secure sockets API
- * dHTTPS Web Server, ROM file systems, forms, cookies, SSI, CGI, CSS, file transfer
- * HTTP solutions include TLS secure client to cloud REST API. HTTP/2 protocol stack option integrated with TLS-ECDHE cipher suite
- * uSSH server, client, SCP, SFTP and file system integrated for Filezilla, WinSCP, Putty
- * IoT Device Client, JSON, TLS secure uMQTT 3.1.1. to IoT Cloud gateway
- * uSMTP TLS secure SMTP client with binary file attachment for telemetry data transfer
- * uMODBUS Toolkit TCP and RDU slave interfaces to platform sensors and actuators
- * AUTHN AUTHZ solutions include uRADIUS client integrated with credentials server, and RFC7519 JWT
- * uCrypt library integrated with HW engine, including AEAD ciphers, hash, RSA, ECC, X.509 support
- * uLoadXL secure boot loader and installer & WSLAM Software Management Station

Cypherbridge Systems

+1 (760) 814-1575
sales@cypherbridge.com

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