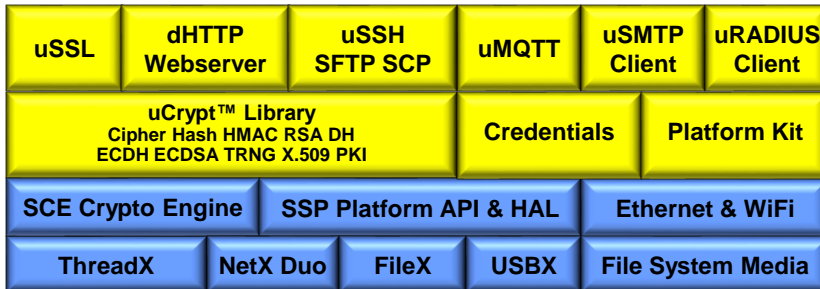


# Cypherbridge® Systems SDKPac for Synergy™

**Cypherbridge®**  
Trusted, safe and secure

The Cypherbridge SDKPac includes SDKs & Toolkits to fit a wide range of embedded applications and vertical markets. SDKPac for Synergy is integrated with Synergy SSP based development kits for a total project ready solution.



- ✓ uSSL/TLS 1.2 server and client, secure sockets thin BSD API
- ✓ dHTTPS WebServer ROM file system, forms, cookies, SSI, CGI, CSS, file transfer
- ✓ uSSH server, client, SFTP, SCP, secure shell and SFTP file transfer with Putty, Filezilla, WinSCP
- ✓ IoT Device Client, TLS secure uMQTT 3.1 to IoT cloud service
- ✓ uSMTP SMTP client including STARTTLS and implicit TLS, MIME binary file and telemetry attachment
- ✓ uRADIUS client authentication & access authorization with managed credentials server
- ✓ Synergy Platform Kit: Network, debug port, MAC edit, NV config, system monitor and event handlers
- ✓ uCrypt library integrated with Synergy SCE crypto engine
- ✓ Supported on IAR EWSYN and e²studio toolchains



**Accelerate time to market with SDKPac Premium.** Add project design services for device integration, extended features, end-to-end system integration and priority support



## Connecting the Internet of Things

+1 (760) 814-1575

[renesas@cypherbridge.com](mailto:renesas@cypherbridge.com)

[cypherbridge.com/partners/renesas-partner-page](http://cypherbridge.com/partners/renesas-partner-page)

Copyright © 2013-2018 Cypherbridge Systems, LLC  
Specifications subject to change without notice  
Cypherbridge® is a registered trademark  
SDKPac™ trademark Cypherbridge Systems LLC  
Revised 181008B