

HCC Documentation

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All readers should start by reading the short [HCC Documentation Guidelines](#).

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Introductory Documents

- the Source Tree Guide, Firmware Quick Start, Quality Policy, Coding Standard, and Code Integrity Warranty.

eTaskSync OS

- the eTaskSync task scheduler and its test suite.

OS Abstraction Layer - OAL

- the OS Abstraction Layer base module, plus numerous packages for specific RTOSes, or no RTOS.

File Systems

- includes FAT and SafeFAT, exFAT and SafeexFAT, SafeFLASH, SuperTHIN, THIN, TINY, and the Common API.

File System Media Drivers

- the Media Driver Interface and MMC and SD media drivers.

Flash Translation Layer Media Drivers

- Flash Translation Layer (FTL) media drivers.

TCP/IP

- TCP, UDP, the Sockets interface, the TCP/IP dual stack, and TCP applications.

TCP/IP Security

- Transport Layer Security (TLS), Datagram Transport Layer Security (DTLS), and TCP/IP security applications.

Encryption

- CryptoCore™ Base - Embedded Encryption Manager plus 3DES, DSS/ECDSA, MD5, RSA, and Tiger.
- CryptoCore™ Pro - AES, ECC, EDH/ECDH and SHA.

Network Drivers

- the main network driver, plus network drivers for loopback and for specific devices.

USB Device Stack

- USB device systems, low level drivers, and class drivers.

USB Host Stack

- USB host systems, host controllers, and class drivers.

USB OTG Stack

- HCC provides a full software OTG stack that supports the SRP and HNP protocols.

Platform Support Package - PSP

- the PSP holds all platform-specific elements and functions.

InterNiche Legacy Documents

- manuals relating to old InterNiche software.