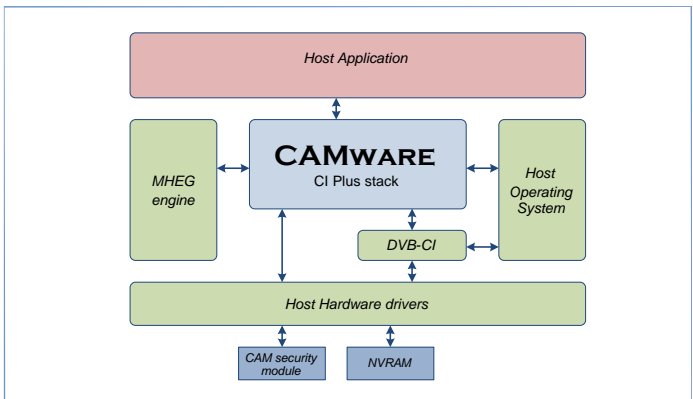## CI Plus Security
Host Software Stack

CAMWARE® is the premier content security solution for digital TV receivers for the DVB market, including TVs, set-top boxes and PVRs. The CAMware software stack provides an implementation that offers a rapid and reliable path to product development, certification and manufacturing. CAMware is easily ported to multiple platforms, and comes with a complete suite of DVB test and certification tools.

Features

▪ Complete implementation of all CI Plus resources, including DVB-CI extensions

▪ Security implementation per CI Plus requirements, with custom DK extensions that enable early development

▪ Meets / exceeds all CI Plus robustness and compliance requirements, allowing quick integration with other host functions

▪ Seamless integration with MHEG-5 engine

▪ Abstraction Layer architecture that leverages underlying hardware features (encryption, RNG, AES decryption)

Benefits

▪ Provides a quick, reliable, and secure way to add CI Plus to host devices

▪ CAMware, coupled with DK's optional Design Review Service, means a secure, robust and compliant host product

▪ Portable across multiple hardware platforms, RTOS, DVB-CI stacks

▪ Manufacturing-ready implementation, enables HPNX QuickPass factory test

▪ Always compliant with latest specification revisions / updates, per contractual agreement

Digital Keystone's **CAMWARE** provides a proven CI Plus software stack implementation that leverages your existing DVB-CI software, and is designed for quick porting, easy integration, and reliable certification. **CAMWARE** is robust and secure, and exceeds DVB and CI Plus requirements for storage and use of CI Plus secrets and critical system parameters. With **CAMWARE**, the transition from development to certification to production is smooth, offering a rapid time-to-market solution.

By choosing the **CAMWARE** solution, you have the added benefit of end-to-end confidence. Digital Keystone offers an Advanced Design Review service that includes a security audit of your entire platform. This means you will *know* that your platform meets CI Plus security, robustness, and compliance requirements. DK will even help complete all relevant paperwork prior to product certification submission.

And, for added benefit, **CAMWARE**'s security implementation enables seamless development and manufacturing testing using the HPNX DVB test tool and optional SPYboard and FastPass features.

Reference Specifications	
Common Interface Specification	**CENELEC EN 50221**
DVB CI Extensions	**ETSI TS 101 699 V1.1.1**
DVB SI Specification	**ETSI EN 300 468 V1.8.1**
CI Plus Specification	**CI Plus SPEC V1.2 (23-5-2009)**

For more information

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