

Symantec™ CI Plus Device Credentials



Data Sheet: Authentication

CI Plus is a technical specification that adds additional security and enhanced capabilities to the proven Digital Video Broadcasting (DVB) Common Interface Standard. This provides an efficient, secure, and cost-effective way for device and component manufacturers of CI Plus compatible consumer electronic devices, such as integrated digital televisions and set top boxes, to deploy CI Plus technology in their products.

The inherent security in the CI Plus technology provides a means to grant conditional access to a wide range of pay TV services, giving broadcasters and content providers the confidence that there is a secure environment to directly deliver high value content such as High Definition pay TV to retail customers.

Device Credentials: the key to implementing CI Plus

Through the use of CI Plus Device Credentials, digital certificates that embed key management, device, and message authentication and encryption into a digital TV receiver, optimum security is guaranteed between the TV receiver and the content provider. Symantec provides the easiest way for device and component manufacturers to implement the CI Plus standards to offer customers the most secure environment available; and lay the foundation to take advantage of new developments in broadcast services.

Symantec™ CI Plus Device Credentials deliver:

- **Ease of deployment** - Device certificates are ordered in bulk by providing Symantec with a list of device IDs. Symantec then generates digital certificates for these devices and securely delivers them to the manufacturers for inclusion on their devices.
- **Certificate lifecycle management** - Symantec performs the lifecycle processes of respond to request, issuance, and validation of the device certificates. These functions are performed on behalf of the manufacturer.
- **Security and scalability** - Symantec has an established reputation for superior security and reliability. CI Plus Device Credentials is supported by Symantec's proven and scalable digital certificate architecture, which can grow as your business does; and backed by 24 hours a day, 7 days a week carrier-class managed services and guaranteed support levels.

As an exclusive Trust Authority for CI Plus LLP, Symantec assumes the roles of a certificate agent and registration partner for manufacturers who are implementing the standard in their products. HOST or CAM manufacturers can order CI Plus compliant certificates, also called Device ID Credentials, after having completed the on-boarding process.

CI Plus Device Credentials on-boarding process

The on-boarding process is described below in an easy to follow, step-by-step format to allow manufacturers to be considered CI Plus compliant. Additional CI Plus documents including the Symantec On-Boarding Guidelines are available from the Symantec [Knowledge Center](#).

- Adopter downloads and signs Interim License Agreement (ILA) and Certificate Supply Agreement (CSA)
- Symantec performs necessary processes on organization and administrator authentication
- Adopter acquires security tokens
- Adopter requests and receives the brand administrator credentials
- Test house verifies that a new device type is in accordance with the CI Plus specification
- Adopter downloads, completes, and provides Registration Application and Robustness Certification Checklist

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- Adopter provides details for the portal account creation
- Adopter gets access to the portal, is able to place purchase orders, and can download the resulting certificate batch file with the device ID credentials

For more information visit the [Device Certificate Services](#) website or email ci_plus@symantec.com.

More Information

Visit our website

<http://enterprise.symantec.com>

To speak with a Product Specialist in the U.S.

Call toll-free 1 (800) 745 6054

To speak with a Product Specialist outside the U.S.

For specific country offices and contact numbers, please visit our website.

About Symantec

Symantec protects the world's information and is the global leader in security, backup, and availability solutions. Our innovative products and services protect people and information in any environment – from the smallest mobile device, to the enterprise data center, to cloud-based systems. Our industry-leading expertise in protecting data, identities, and interactions gives our customers confidence in a connected world. More information is available at www.symantec.com or by connecting with Symantec at go.symantec.com/socialmedia.

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