Product EOS / EOL Announcement

Product: CryptoWorks CAS and smart cards

Region: Worldwide

Document Summary

This document provides Irdeto customers with information about the product end-of-sale and end-of-life timelines, product migration path and support policies for the CryptoWorks CAS and smart cards.

CRYPTOWORKS

In April 2006 Irdeto Access B.V. acquired the Philips CryptoTech division and assumed the support for all CryptoWorks customers. Based on Irdeto's evolving strategy and the desire to focus its solution development efforts, Irdeto has decided to discontinue the CryptoWorks conditional access system (CAS) and related technologies. To ensure a smooth transition for all CryptoWorks customers, details are provided below to explain the end-of-sale and end-of-life timelines, product migration path and support policies for the CryptoWorks CAS and smart cards.

- **CryptoWorks CAS**
  - End of sale: On 1 January 2007, Irdeto ceased to sell CryptoWorks CAS to new customers. Current customers can still purchase CryptoWorks CAS components.
  - End of life: On 31 December 2007, Irdeto ceased to provide new CryptoWorks software releases. Irdeto may continue to provide software fixes to customers with support contracts between 2008 and 2012.

    On 31 December 2012, Irdeto will cease to provide software maintenance or support of any kind on CryptoWorks CAS. No support contracts for CryptoWorks CAS will be offered after this date.

- **CryptoWorks Smart Cards (v2.x and 3.x)**
  - End of sale: 31 December 2010 is the deadline for the last time buy. Delivery must be within 90 days of the order date.

    No update or support is offered for CryptoWorks cards after deployment.

- **CryptoWorks Set-top Box (STB) Support and ClientCore**
  Irdeto no longer accepts new STB integration requests for ClientCore. Irdeto may address critical issues by providing fixes only to customers with current support contracts.
  - End of life: On 31 December 2012, Irdeto will cease to provide support for CryptoWorks STBs and ClientCore.

- **Product Migration Benefits**
  Irdeto is committed to help CryptoWorks customers migrate to an Irdeto CAS so that customers will continue to receive the best security and feature updates from Irdeto. The Irdeto CAS offers a number of added benefits, including:
  - A variety of pay-TV distribution models
    - Subscription: up to 65,000 packages
    - Ordered pay per view (PPV): multiple ordering methods
    - Impulse PPV: with or without feedback, pre- or post-paid
    - Pre-paid pay TV: scratch card, cash payment

- Personal (or digital) video recorder (PVR): stored content encryption, on/off control for subscription PVR, digital rights management (DRM) rules for copied content
- Auto-expiry card: variable packages and validity periods
- Video on demand (VOD), push VOD: subscription or PPV
- High definition (HD) TV

- Best-in-class and renewable security
  - Irdeto's successful, holistic security strategy produces not only the industry's best technology, but an ongoing roadmap of security enhancements. To protect customers' investments, the Irdeto CAS was designed to deliver renewable security, enabling operators to update deployed clients easily and quickly without costly card swaps. The Irdeto CAS provides a wide range of advanced security features to enable renewability, including the Irdeto FlexiFlash technology for over-the-air client updates, modular software design and advanced hardware platforms.

■ Product Migration Options

There are three migration options available to suit the needs of CryptoWorks customers:

1) Migrate using the Irdeto CryptoWorks Envelop (ICE) solution

This approach is especially suitable for operators in horizontal/retail markets who have no access to deployed STBs. ICE is a solution in which an Irdeto CAS is added to the existing CryptoWorks CAS network to manage the following:

- CryptoWorks STBs via a special Irdeto smart card
- New Irdeto STBs with Irdeto smart cards

Please refer to the ICE Solution Announcement for more details.

2) Convert CryptoWorks STBs to Irdeto SoftCell-based STBs

Operators with a controlled STB population can take this approach by upgrading their existing STBs to run Irdeto SoftCell and swapping deployed CryptoWorks cards with Irdeto cards. Once an STB is converted to be SoftCell based, it will work with the latest Irdeto smart card (Kappa or newer) to support all Irdeto pay-TV distribution models. During the transition period, the operator simulcrypts the CryptoWorks CAS with an Irdeto CAS to manage unconverted and converted (SoftCell-based) STBs, respectively. After all STBs are converted, the CryptoWorks CAS can be switched off.

In this scenario, professional services will likely be required to help customers accomplish the following steps:

- STB integration with Irdeto SoftCell and completion of a device verification test (DVT)
- Installation of the Irdeto CAS head-end
- Logistics and distribution management of Irdeto smart cards
- STB software download to CryptoWorks STBs

As this scenario is logistically complex, the ICE solution may be used as an intermediate step to aid the migration.

3) Swap CryptoWorks STBs and cards with Irdeto STBs and cards

Operators who are ready to upgrade their deployed STBs can simply swap them with Irdeto STBs and cards to take advantage of all the benefits offered by Irdeto immediately. While both CryptoWorks and Irdeto STBs are present on the network, the operator simulcrypts the CryptoWorks CAS with an Irdeto CAS to manage the two STB populations. After all CryptoWorks STBs are de-commissioned, the CryptoWorks CAS can be switched off.

Customers are advised to begin the transition process as soon as possible, keeping in mind the CryptoWorks EOS / EOL policies and timelines specified above. Irdeto will advise and support every customer to make the transition as smooth as possible.

Please contact your Irdeto account team for assistance in transition planning.