
Traditional broadcast Conditional Access System

In parallel with the development of new technologies and new product lines, the Group continued to work intensively on the next generation of advanced and personalized solutions for the secure distribution of electronic content. In 2006, the Group continued to invest substantially in research and development in order to further improve the architecture of its conditional access system in particular in the field of security.

Various cases of hacking of DRM and CAS systems suffered by security players testify once more to the need for having state-of-the-art technology. During the last fifteen years, the Group delivered security solutions that have established records of resistance in time. In its continued effort to improve its solutions, the Group has made important investments both at the technology level and in the reinforcement of its teams.

Today, these efforts are bearing fruit. NagraVision has developed several new generation conditional access systems which include a series of new functionalities further widening the possibilities of the system and giving the operators more flexibility.

These solutions are equipped with a technology based on a new series of concepts of individualizable security developed by the Group. The security concepts are independent of the product line: while the new version of the conditional access solution incorporates the new security features, these can also be introduced into existing product lines.

Push VOD/DVR solutions

The Kudelski Group deployed successfully its first Nagra Push VOD solutions as from 2005 on the MovieBeam platform in the United States and for the German operator Premiere.

This solution was developed and improved in the course of 2006. The Group is now able to offer operators a comprehensive turnkey solution including the following elements:

- NagraGuide – a suite of interactive applications developed by NagraVision on OpenTV's middleware platform integrating digital TV and Push VOD applications;
- Lysis, NagraVision and OpenTV VOD features;
- A new high definition-ready decoder.

NagraGuide

Developed by NagraVision in 2006, NagraGuide is a middleware-based application suite that represents the next level of interactive TV user experience. NagraGuide combines an interactive portal, a video mosaic, an interactive program guide packaged together into one advanced application set fully integrated with the latest NagraVision Conditional Access System.

NagraGuide is included in OpenTV's middleware platform and therefore deployed by many television operators.

High-definition (HD) television

The year 2006 was marked by the acceleration of high-definition TV deployments. With HD broadcasting, content security requirements are even higher, particularly with stored content. The NagraVision solutions are designed to protect DVR and VOD content. NagraVision also develops EPG and interactive applications tailored to high-definition television.