



## Abel Quintic CAS

Conditional access system for digital TV and mobile TV

Abel Quintic is a content protection system for digital television featuring all main ways of selling, delivering, ordering and paying for TV in a secure way.

### Key features:

- Configurations for satellite, cable & terrestrial DVB, IP, CMMB & DVB-H mobile TV
- Smart card security device for STBs and CAMs
- SMD security device for STBs and CAMs
- SIM security device for mobile handsets
- microSD card for mobile handsets, PCs, STBs, handheld TVs
- Supports all main ways of selling pay-TV content
- Superior security based on dedicated hardware
- Suite of functions for specific needs

now you're able



### Abel Quintic is prepared for the main ways to sell, deliver, order and pay for TV:

- Subscription, booked PPV, pre-view, overtime, and more
  - Direct consumption, NVOD, push-VOD, record/play-back
  - Web-Service interface allowing easy ordering via web, SMS message, IVR, call centre as well as any payment instrument to be used including invoice, voucher payment, credit card payment
- ✓ **most convenient for the user and most efficient for the operator**

### Abel Quintic offers state-of-the-art security level:

- Smart card, SIM, microSD card or SMD security chip for maximum protection of keys and rights
  - Multiple security levels allowing cards to be recovered even if hackers gets into CAS back-end
  - Prepared for Electronic Counter Measures
- ✓ **maximum system lifetime before pro-active renewal**

### Abel Quintic is flexible to operate:

- Designed for maximum of automated operations
  - Supports rights distribution via the interactivity channel and the broadcast channel
  - Is scalable to any number of subscribers
  - Allows for system components on multiple head-end sites
- ✓ **increases user service level and reduces operation costs.**

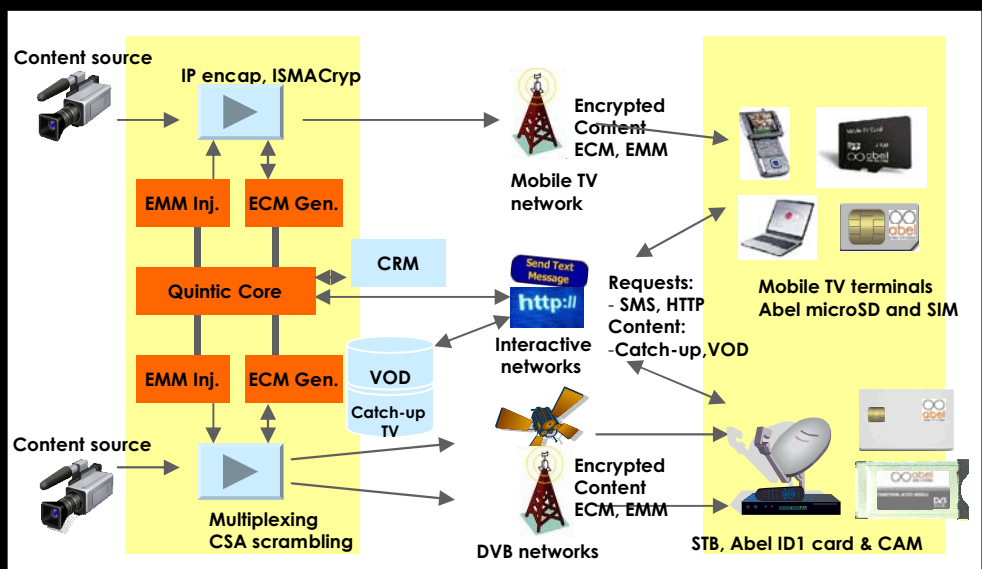
### Abel Quintic supports all digital pay-TV combinations:

- CMMB and DVB-H mobile TV compatible content encryption : ISMACryp, IPsec and SRTP
  - DVB-S/T/C and IPTV compatible content encryption : CSA, AES
  - Combination of DVB and IP for hybrid delivery – including VOD and Catch-up TV
  - SIM security device for mobile pay-TV towards the subscribers of a mobile operator
  - microSD card for broadcaster/pay-TV operator led mobile pay-TV operation
  - smart card (ID1) for DVB-S/T/C compatible STBs
- ✓ **one platform for both mobile- and fixed pay-TV.**

### Abel Quintic specific configurations:

- Pairing of security device and user terminal
- Pre-encryptor for VOD and push-VOD
- Fingerprinting

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