

CAS Hospitality

article no.: 305528

Conditional Access System for Hospitality Solutions. Support of DVB or IP distribution inclusive hardware and for maximal 500 rooms.



Includes:

1 piece CAS Server article no. 305530
CAS Management Software

The CAS Hospitality is a Conditional Access Solution for digital TV headends and runs DVB/IP CAS software. Installation, operation and maintenance are very easy and do not need intervention of experts. The CAS Hospitality Solution (Product) is optimized for the requirements of hotels and hospitals. Every headend becomes a secure and state-of-the-art digital TV platform with highend digital rights management and access restriction.

Features:

- Supports room management for 500 rooms max
- Room Messages (On-screen messages)
- High-end conditional access system (CAS)
- Compatible with QAM, COFDM and IP
- Data stored at a secure Triax Database (No backup necessary)
- Controlled by CAS Management Software or network based interface
- Pay per channel, TV client , provisioning, etc.
- Any client device: TV with CI interface or Set Top Box
- Smartcard or cradles licenses possible
- Hospitality & Hotel Chains management (on demand). Master account for managing thousands of hotels uniformly
- Easy to use reception mode
- Easy integration into your PMS system (on demand)

Conditional Access for Hospitality:

This solution has been specifically designed for the needs of hospitality. Each guest house, clinic or hotel needs to offer value-added TV services in existing infrastructures. Whether limited budgets or green field deployment of state-of-the-art TV services, TRIAX is the key component for successful access control. Hospitality operators are able to offer linear TV services and Video-On-Demand to their guests while retaining full control over the guest's demand and preventing any sort of piracy.

Content in any network infrastructure can be secured and controlled with one single chassis CAS Server in the head-end. Whatever type of cabling (coaxial, twisted pair or even wireless), any type of transport (DVB-C/T or IP-based), the Headend controls both one-way (broadcast) and two-way transport networks. Existing TV sets can be used by adding a common interface module. More functionality will be available with a set top box. All type of employees has their specific interface. A receptionist handles the payment and controls the guest subscription accordingly. A technician or caretaker maintains and manages the respective smartcards/devices of the rooms. A manager has full control and observes all actions, also those executed in the past. Easy and effortless management of the overall system without interaction of special skilled experts is warranted.

CAS Accessories

CAS Smartcard

article no.: 305502

The CAS smartcard chip is based on a cryptocontroller of NXP. A set of cryptographic features makes this platform very flexible and secure. In case of compromise already included standby algorithms can be activated.

Some characteristics:

- ECM/EMM envelope encryption
- Sophisticated key change mechanisms
- Key ageing preventing replay attacks
- Standby algorithms included
- Configurable multi-layer key hierarchy
- Multiple sectors, cryptographically independent

CAS Card-less license DVB

article no.: 305503

TRIAX offers a CA kernel that is running on a secure chipset. Depending on device's chipset every level of security can be reached: from basic kernel for cost-effective devices up to a sophisticated kernel secured by high-end chipset with activated advanced security features. All CA kernel flavors include standby algorithms that can be activated in case of compromise.

This way you can have the tamper-proof security of a smartcard integrated directly into your box and eliminating the attacks potentially possible on the communication between the smartcard and the box hardware.

Some characteristics:

- Chipset pairing with leading vendors available
- Forced individual keys
- Electronic countermeasures
- Parallel operation with smartcards
- Optional return channel

CAS Management Software

This web-based application is the user interface for all TRIAX CAS products and even more. CAS Management Software feature set is constantly growing. It is the central component that enables plug & play and easy control of the overall system. CAS Management Software is also multi-lingual. Translators maintain 9 languages currently and CAS Management Software itself can easily talk with any other software such as subscriber management systems, billing, etc.



Main Features:

- Intuitive user interface
- System management/monitoring
- Smartcard/cardless management
- Subscriber or room management
- Subscriber self-provisioning
- Ticket system
- EPG management
- DVB network management
- Supports Hospitality mode or Subscriber mode
- User/rights management
- Multi theme support
- Multi language and translator interface
- Statistics
- WSDL (SOAP) / JSON API

CAS Server

article no.: 305530

CAS Server includes only the hardware without any software or licenses. This is for reserve and for service purpose



CAS CI Scrambler

article no.: 305535

The form-factor of the common interface scrambler module by TRIAX transforms the TDX CI Interface to a professional CAS scrambler.

Main Features:

- Common interface compliant with DVB EN 50221
- Ethernet interface 10/100 Mbps
- DVB (De)-Multiplexer, compliant with ETSI EN 300 468
- DVB Common Scrambling compliant
- Individual scrambling of up to 72 Mb/s
- Automatic configuration, i.e. automatic provisioning of access criteria
- Set-Top-Box firmware payout
- Transport stream monitoring and analysis
- Temperature monitoring