

Solutions

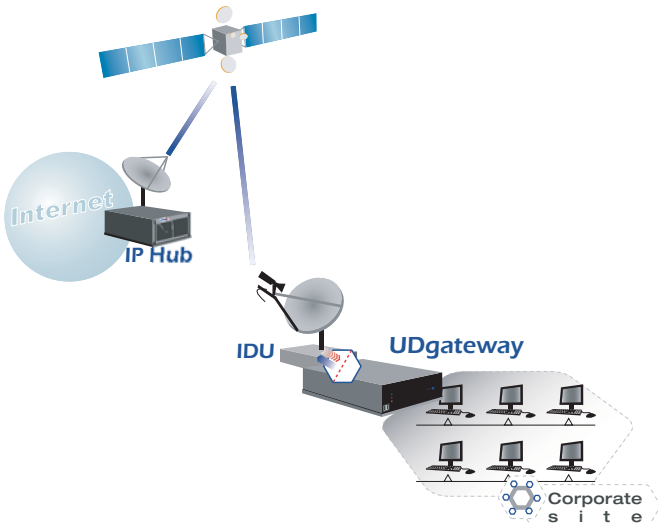
- + Access and datacasting
- + Integrated appliances
- + Services

UDcast, a leader in standards based IP solutions over satellite and digital terrestrial TV, provides integrated end-to-end solutions for fully managed services.

Capitalizing on UDcast's core technology, UDcast's feature rich solutions support any IP application regardless of the underlying network infrastructure. This enables the implementation of solutions meeting customers' expectations and the delivery of value added services by the service providers.

Solutions

Access solution

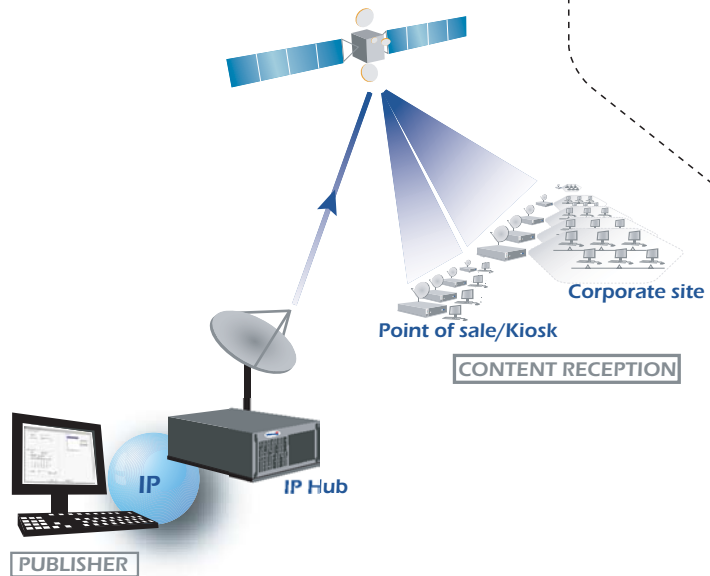


- +Needs**
Broadband Internet access bridging the digital divide
- +Solution**
UDgateway enabling Internet and corporate VPN access
 - . Dedicated appliance integrating essential IP functionalities

Enhanced end-user experience, addressing, bandwidth optimization, secure access and VPN, acceleration and caching, easy LAN integration, routing, administration

- . Specifically developed for satellite systems
 - Two-way (such as DVB-RCS)
 - Hybrid (DVB-S and PSTN/ISDN)

Datacasting solution



- +Needs**
Cost effective mass distribution of content
- +Solution**
IP datacasting hub for content distribution and **integrated receiver**
 - . Datacasting functionalities integrated on a shared server and all-in-one receivers

Reliable content distribution, QoS with bandwidth management, strong security, dynamic multicast routing, DVB encapsulation

- . Architecture options
 - Centralized at satellite hub
 - Distributed between content production site and satellite hub

02  **Integrated appliances**

UDcast offers a range of integrated multi functional appliances providing end-to-end solutions for both satellite Internet and VPN access, as well as IP datacasting.

- . IP features and administration functions
- . Scalable, adaptable, upgradeable
- . Integration with wide range of broadcast networks
- . Remote management by service provider
- . Setup wizards, web-based user interfaces
- . Adapted performance and capacity

+UDgateway®

First all-in-one appliance specifically adapted to broadband satellite delivered Internet access, supporting any two-way system. Incorporating key IP features for corporate Internet access, and specific functionalities designed to fully meet users' broadband expectations.

- . IP routing
- . Access security
- . Network address translation
- . LAN integration
- . Performance enhancement

+UDstation®-DC

Specifically designed appliance for the cost effective delivery of mass content consisting of an integrated datacasting IP hub, from application server to ASI interface, allowing multicast data transfer, bandwidth control, transfer control, managed strong security.

- . Easy integration with DVB transmission hubs supporting any network connection configuration (directly or remotely connected to an IP encapsulator)
- . High speed high capacity hardware shared by all receiving sites

+UDbox®-DC

All-in-one easy to integrate reception appliance consisting of an integrated datacasting receiver for content reception and treatment, file storage and sharing, local security enforcement.

- . Stand alone or as an IP router connected to LAN
- . Flexible and powerful for versatile reception configurations
- . Supports integrated DVB receiver

03  **Services**

UDcast provides key functionality for the implementation, management and delivery of value added services, as well as tailored services to ensure that partners fully benefit from UDcast's experience.

+Service enabler

- . IP access control with IP routing
- . Security protecting both customer sites and satellite access
- . Bandwidth optimization control
- . End-user performance enhancement meeting users' broadband expectations
- . Integrated administration tools with web-based interfaces

+UDcast services

Consulting, technical analysis, architecture and design, system optimization, integration, installation and configuration, training.