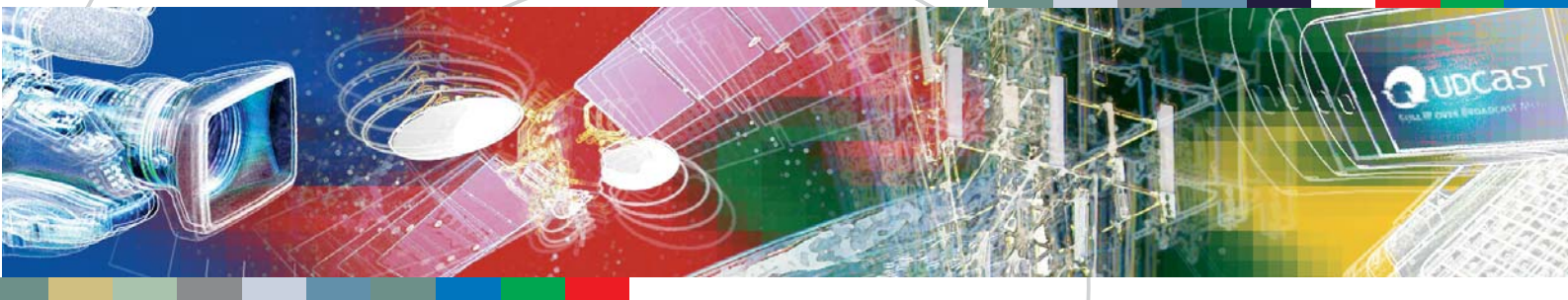


The world's most advanced Satellite IP Broadband solutions

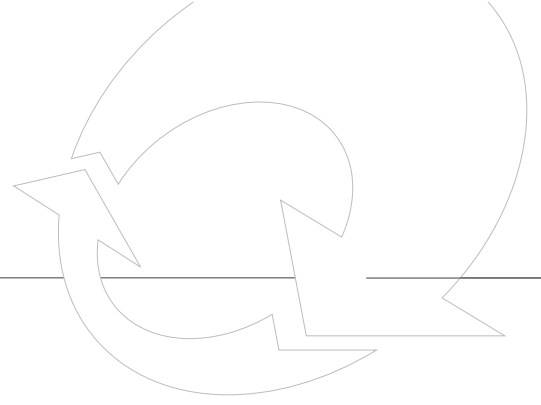


*Boost your Satellite IP
broadband services*



UDCAST

FULL IP OVER BROADCAST MEDIA



COMPANY PROFILE

UDcast is the leading provider of solutions enabling full IP over broadcast media.

Capitalizing on advanced scientific research and thousands of units commercially deployed around the world, UDcast provides the most advanced software and hardware solutions for delivery of IP services over satellite systems.

UDcast's standards based appliances enhance the performance of Satellite Broadband IP connections, and meet the requirements of all applications and network configurations.

Founded in 2000, UDcast maintains its global headquarters in Sophia-Antipolis, France with sales representatives and partners on all continents.

UDcast Delivers

■ PERFORMANCE

UDcast brings high performance to satellite IP communications, effectively closing the gap with the terrestrial access technologies such as DSL. More importantly UDcast brings to satellite communications full IP networking functionality, while optimizing bandwidth utilization. UDcast's solutions provide a wide range of highly advanced features enabling service providers and end-users to make the most out of their satellite IP links.

■ SECURITY

UDcast's satellite performance technology enables enhanced delivery of IP communication services anywhere, anytime. It can be deployed immediately and with no investments into costly terrestrial infrastructure. Bridging the digital divide is essential for the growth of broadband usage in rural areas and for the emergence of developing economies in all the parts of world.

■ TRANSPARENCY FOR END-USER

With security increasingly important for customers UDcast ensures that both customer sites and data are fully secured. From protecting the local network, through the use of stateful firewalls, to ensuring confidentiality through accelerated site-to-site VPNs, UDcast's solutions bring unparalleled security to satellite IP communications. Using data encryption and strong site authentication the high value content can be safely distributed.

■ SEAMLESS INTEGRATION

Based on industry standards UDcast's solutions seamlessly integrate into existing enterprise network environments with no modification needed to the network itself or to the application that run over it. Furthermore, UDcast solutions are designed to function over any satellite system.

■ COST EFFECTIVE

UDcast's solutions are designed to be cost effective for both satellite service providers and end-users. Through the provision of all-in-one integrated solutions and one stop shopping, UDcast contributes to significantly reducing overall acquisition and operation costs. Furthermore, UDcast provides additional saving by optimizing usage of valuable satellite connectivity through bandwidth optimization. Finally, UDcast's solutions are highly flexible enabling a pay as you go approach.

■ CUSTOMIZATION FLEXIBILITY

Satellite service providers as well as their customers face ever increasing complexity in their applications and networking environments. The scalable, modular and versatile architecture of UDcast satellite IP solutions enables easy adaptation to all specific customer needs.

ACCESS SOLUTION

UDcast's IP Access solutions enable satellite service providers to bridge the digital divide, deliver enterprise applications and recover from disaster situations by bringing terrestrial like performances to satellite broadband connections.

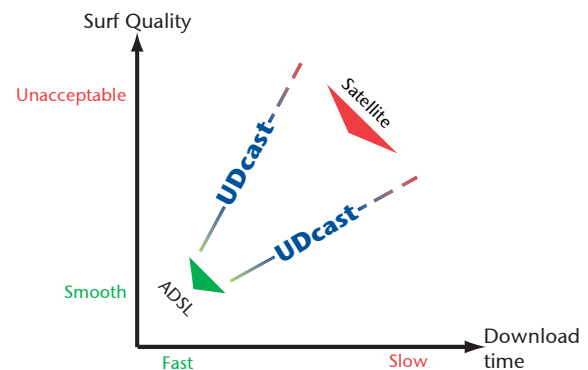
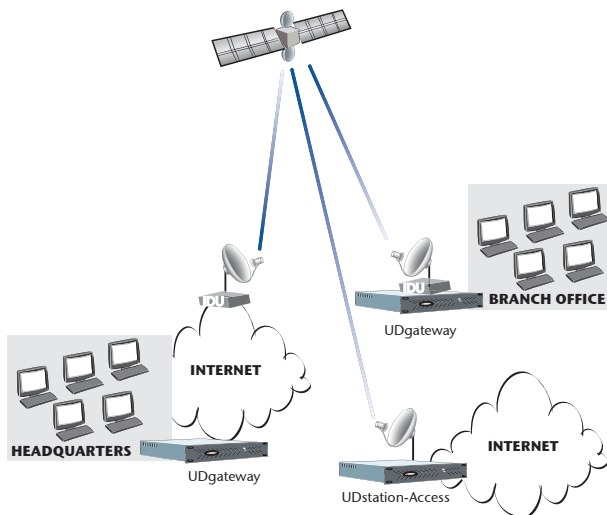
UDgateway appliances are located at the end user site, where they increase the throughput and efficiency of IP connections over any two-way satellite system. They handle

all Internet traffic, providing acceleration, quality of service management, traffic routing and **Virtual Private Network (VPN)** security.

UDstation-Access is a central UDgateway companion appliance providing the necessary hub service management, performance enhancements, and security functions required to support broadband services.

High Performance

- > Enhanced end-user experience
- > Full capacity usage
- > Traffic differentiation



Cost Effective

- > All-in-one appliance
- > Essential corporate IP functionality integrated
- > Remote administration

Strong Security

- > Fully accelerated end-to-end VPN
- > Integrated firewall and LAN masquerading
- > Site authentication and media encryption

Key Applications



Business Continuity

Understanding the value of maintaining IP communications, UDcast's solutions help to protect enterprise and governmental organizations against loss of revenues, service degradation and other damages to their activities in case of failure of the traditional terrestrial infrastructure.



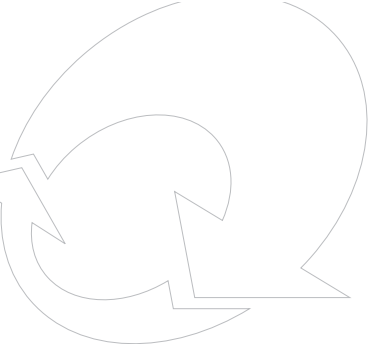
Disaster Recovery

Re-establishing reliable IP communication is among the very first steps of any major disaster recovery plan. UDcast's solutions help to ensure that both voice and data communications are operating at their peak efficiency in areas impacted by any type of natural or man-made incident.



Bridging the Digital Divide

UDcast's satellite performance technology enables enhanced delivery of IP communication services anywhere, anytime. It can be deployed immediately and with no investments into costly terrestrial infrastructure. Bridging the digital divide is essential for the growth of broadband usage in rural areas and for the emergence of developing economies in all the parts of world.



WHY CHOOSE UDCAST

Satellite Service Providers

Increasing market penetration, revenue streams and optimising bandwidth through the use of UDcast's best of breed solutions.

Integrators

Facilitating the delivery of end-to-end solutions through the use of UDcast's network appliances and open middleware.

Content Distribution Providers

Ensuring the secure delivery of content to multiple sites using UDcast's appliances.

OEM

Integrating UDcast's state of the art technology to develop leading products.

Enterprises and Institutions

Maximizing workforce efficiency, securing networking applications while reducing operational costs.

PROFESSIONAL SERVICES

UDcast provides a range of professional services for customers and partners. With UDcast technology and expertise at the heart of deployments by leading service providers, customers and partners can fully benefit from UDcast's expertise.

Whether the need is to have a competitive edge by delivering superior services, to integrate the end-to-end solution or to develop customized solutions, UDcast has the expertise.

- > Measurement and estimation of satellite bandwidth requirements
- > Satellite performance analysis and proposals for performance enhancements
- > Network design planning and optimization
- > IP routing troubleshooting, optimization and redesign
- > Large-scale content distribution and management
- > Technology licensing and OEM support
- > Professional IP Satellite technologies training
- > Trial deployments
- > On-site and on-line customer support

UDcast's long experience in the IP over satellite networking and data distribution will help to solve your issues quickly and efficiently. Do not hesitate to contact your UDcast sales representative or partner for more information about how UDcast can assist in your IP over satellite project.

CONTACT UDCAST

Headquarters:

2455 route des Dolines
BP 355
06906 Sophia Antipolis
Cedex
FRANCE

Tel. +33 (0)493 001 660
Fax. +33 (0)493 001 661

contact@udcast.com

For local offices and sales representatives,
please visit our website:

www.udcast.com

