



**Press Release**  
For immediate release

## **UDcast and JSAT Bridge the Digital Divide in Rural Japan with Satellite IP-Based Communication System**

**SOPHIA-ANTIPOLIS, France – July 18, 2006** – UDcast, a leading provider of solutions enabling full IP over broadcast and satellite media, announced today it is collaborating with communications satellite operator JSAT Corp to bring satellite IP-based communication to small Japanese islands and rural areas where optical fiber or ADSL is not available.

Working with JSAT, the UDcast UDgateway® all-in-one appliance for broadband satellite Internet access is the first to provide data access as well as critical emergency and medical services to residents in Japan's sparsely populated rural areas on the strength of a satellite. Supported by the Japanese government, the satellite-based medical service enabled by this project is significant, as it has been difficult and costly to build up diagnostic systems using optical fiber or ADSL networks in these rural islands and mountainous regions. The UDgateway allows medical facilities in these areas to benefit from satellite with the same performances and functionality as sites with terrestrial broadband.

Through this technology doctors can diagnose and provide medical instructions to patients at hospitals in those rural areas while examining beamed images via JSAT's communications satellite. UDcast's technology, which enhances upload and download capabilities by accelerating and securing TCP-based applications end-to-end, enables JSAT to beam and receive medical images and X-rays of patients. The project also allows for emergency data access in case of earthquakes, floods, fire or volcanic eruptions.

The UDgateway is the first all-in-one appliance specifically adapted to broadband satellite delivered Internet access, deployed already in more than 4000 sites around the globe in association with all leading satellite platforms. All IP key features such as routing, QoS, IP Sec security and caching are embedded in the appliance along with performance enhancement technology. The UDgateway will help JSAT deliver true broadband quality (Forward link max 10 Mbps / Return link max 2 Mbps) with local networks providing Internet access to those hard to reach areas.

"UDcast's UDgateway was the best choice for this project because it was easily integrated and installed into the location," said Takahiko Date, Government Sectors Marketing Division, JSAT. "The UDgateway with VPN allowed us to move beyond basic connectivity and beam images via the communications satellite. These capabilities are necessary for success in medical diagnosis and consultation."

UDcast's accelerated VPN option is mandatory to JSAT as the system is used by public administration in critical applications. The UDcast VPN option can be created over a satellite only infrastructure or over a mix of two-way satellite with terrestrial backhaul. The satellite connections can be based on any IP access service such as basic Internet access. Site to site communication is kept private throughout using strong IP traffic encryption.

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“UDcast is happy to work with JSAT on this project as a way to showcase our satellite over IP products while building a good reference for us with other satellite providers in Asia,” said Hubert Zimmermann, CEO of UDcast. “UDcast’s UDgateway is helping to make connections in these rural areas possible, giving residents the chance to receive the best in medical service without leaving the area. We look forward to working with JSAT to implement our satellite-based services in a number of other applications.”

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#### **About UDcast**

UDcast is a leading provider of IP over broadcast media, focusing on IPTV to the mobile DVB-H solutions as well as satellite-aware enterprise networking solutions. UDcast provides DVB-H standard compliant solutions for the delivery of IPTV to mobile devices. In addition, UDcast provides satellite aware IP appliances that bring terrestrial-like performances and security to broadband satellite links. UDcast’s feature rich solutions enable satellite service providers to deliver revenue-generating value added services that meet enterprise needs. Founded in 2000, UDcast maintains its global headquarters in Sophia Antipolis, France. For more information, visit [www.udcast.com](http://www.udcast.com).

#### **About JSAT**

JSAT Corporation is a leading satellite operator in the Asia-Pacific region. The company owns and operates nine satellites in eight orbital slots, covering North America, Hawaii, Asia and Oceania. JSAT provides a range of services, including digital CS broadcasting service SKY PerfecTV! satellite TV broadcasting, video and data broadcasting services for corporate and inter-company networks, international telecommunications services. Visit [www.jsat.net](http://www.jsat.net) for more information.

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