

Dejero CellSat

A blended cellular and Ku-band IP satellite solution that's taking remote broadcasting to new heights.



Reliability when you need it, where you need it.

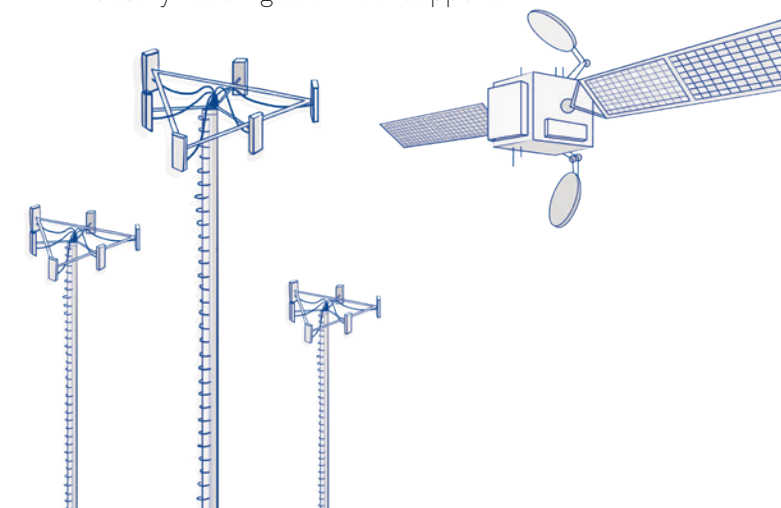
There's one thing that's certain about the news: it happens fast, anywhere, and without warning.

Feeling confident about the connections available to you is important. You want to deliver the live shot with the video quality you need and expect. There are times when external factors such as network congestion or location can degrade cellular performance. That's why we created Dejero CellSat — a blended cellular and Ku-band IP satellite solution that takes the best attributes of both transmission paths and fuses them into one.

CellSat intelligently blends cellular connectivity from multiple mobile network providers with Ku-band IP satellite connectivity from X2nSat — reliably delivering the bandwidth you need to

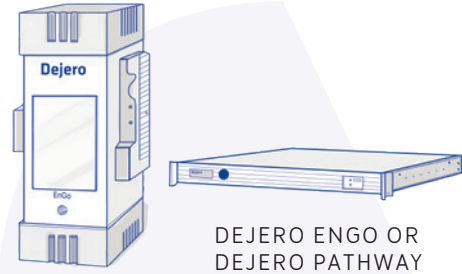
transmit broadcast-quality video in real-time. The fast, low-latency CellSat network can be accessed from virtually anywhere and since it's available from a single provider, procurement, management, and billing are greatly simplified.

CellSat includes equipment, software, and connectivity services to the CellSat network — all managed in the cloud, and backed with industry-leading technical support.



Here's how it works

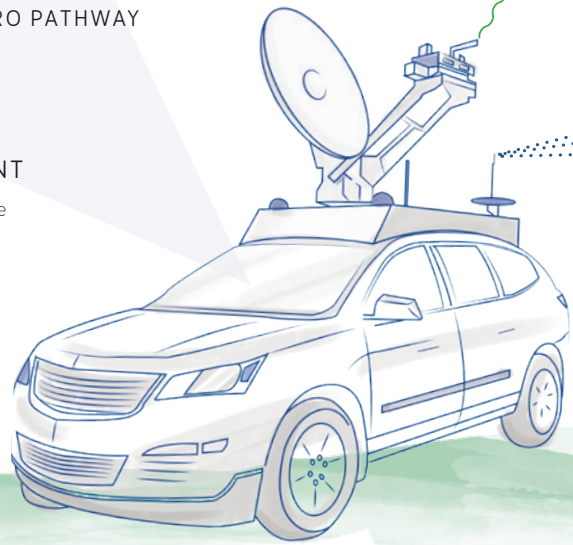
Dejero CellSat is more than a network. It's a solution that combines our HEVC-capable products and services with the Ku-band IP satellite connectivity from X2nSat – making this one of the most innovative connectivity solutions in broadcasting.



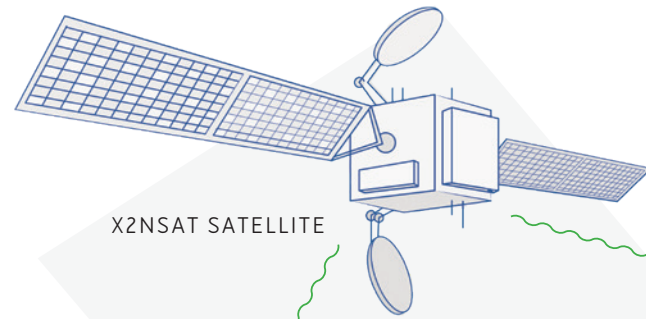
DEJERO ENGO OR DEJERO PATHWAY

TRANSMISSION EQUIPMENT

Use CellSat with our line of HEVC capable products: EnGo mobile transmitter or PathWay rack-mounted encoder/transmitter. You can use CellSat with fly-away or drive-away systems and we'll also recommend the compatible cellular antennas, IP satellite modem, and satellite terminal equipment from our partners.

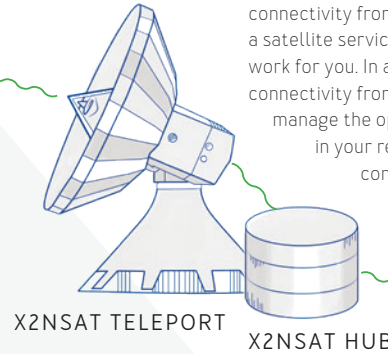


Deploy as a fly-away or drive-away solution



X2NSAT SATELLITE

BLENDED NETWORK



X2NSAT TELEPORT

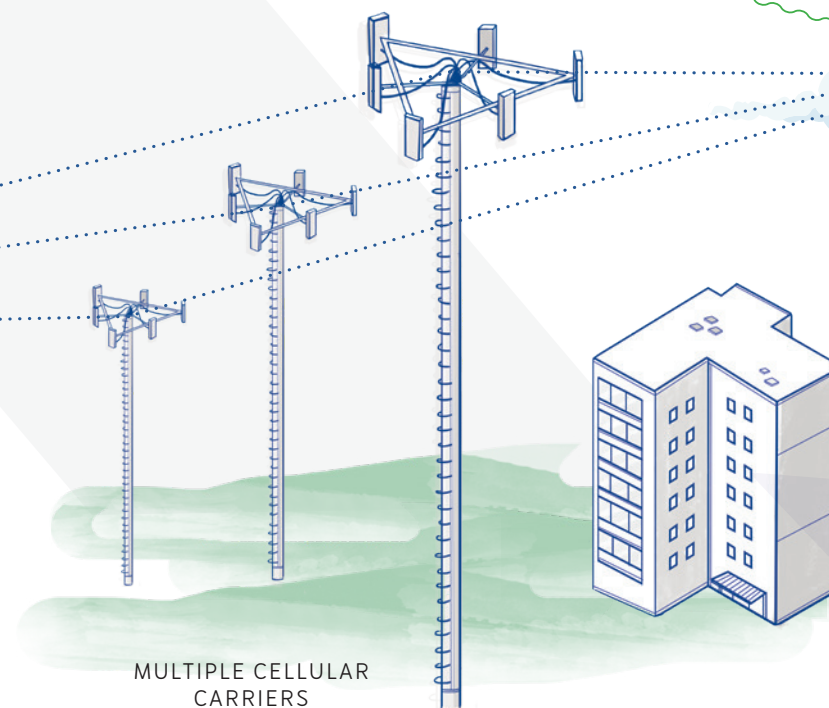
X2NSAT HUB

CONNECTIVITY SERVICES

Our connectivity services include access to the CellSat network and flexible data plans that make your life simpler. Instead of negotiating connectivity from multiple cellular carriers and a satellite services provider, we do the hard work for you. In addition to managing satellite connectivity from X2nSat, we provision and manage the optimal SIMs from leading carriers in your region. The result? One unified connectivity service. One bill.

CORE SOFTWARE

At the heart of Dejero's products and solutions is our Core software. Comprised of complex algorithms, it's the magic that automates many tasks to help you go live faster. Core manages the fluctuating bandwidth of individual cellular connections and dynamically allocates satellite bandwidth for optimal performance. It also ensures that your live shots are prioritized over general data connectivity, so you always have the highest quality picture.



MULTIPLE CELLULAR CARRIERS



Dejero CONTROL

CLOUD MANAGEMENT

The Dejero Control cloud-based management system gives you the power to manage CellSat from a web browser. Set up and remotely control transmitters and receivers, monitor and route ingests, view performance data, and generate usage and billing reports to help you manage your operational costs.

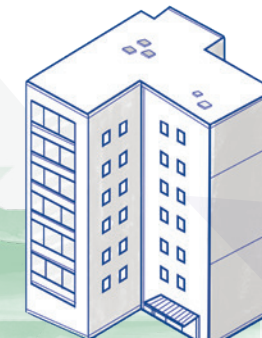


DEJERO NETWORK MANAGEMENT

INTERNET

RECEIVING EQUIPMENT

At the broadcast facility, you'll need a Dejero receiver to reconstruct the transmitted video for SDI or IP layout.



DEJERO WAYPOINT

The benefits of Dejero CellSat

HIGH RELIABILITY

By blending cellular with Ku-band IP satellite connectivity, CellSat ensures you'll be able to confidently deliver your live shot.

TRANSPORT DATA

Use bi-directional satellite-only connectivity for general Internet access such as web browsing and email, without affecting the quality of your live stream.

SIMPLICITY

We've designed our equipment and software to be easy to use in the field. And with Control, Dejero equipment setup, routing of feeds, and monitoring usage and performance is managed in the cloud.

ON DEMAND

The CellSat network is available when you need it. Scheduling is not required – saving you time, and enabling faster response to breaking news.

FLEXIBILITY

Start a live broadcast using cellular only and switch to CellSat when additional bandwidth is required – without stopping the live feed – helping to manage costs and achieve the best picture quality.

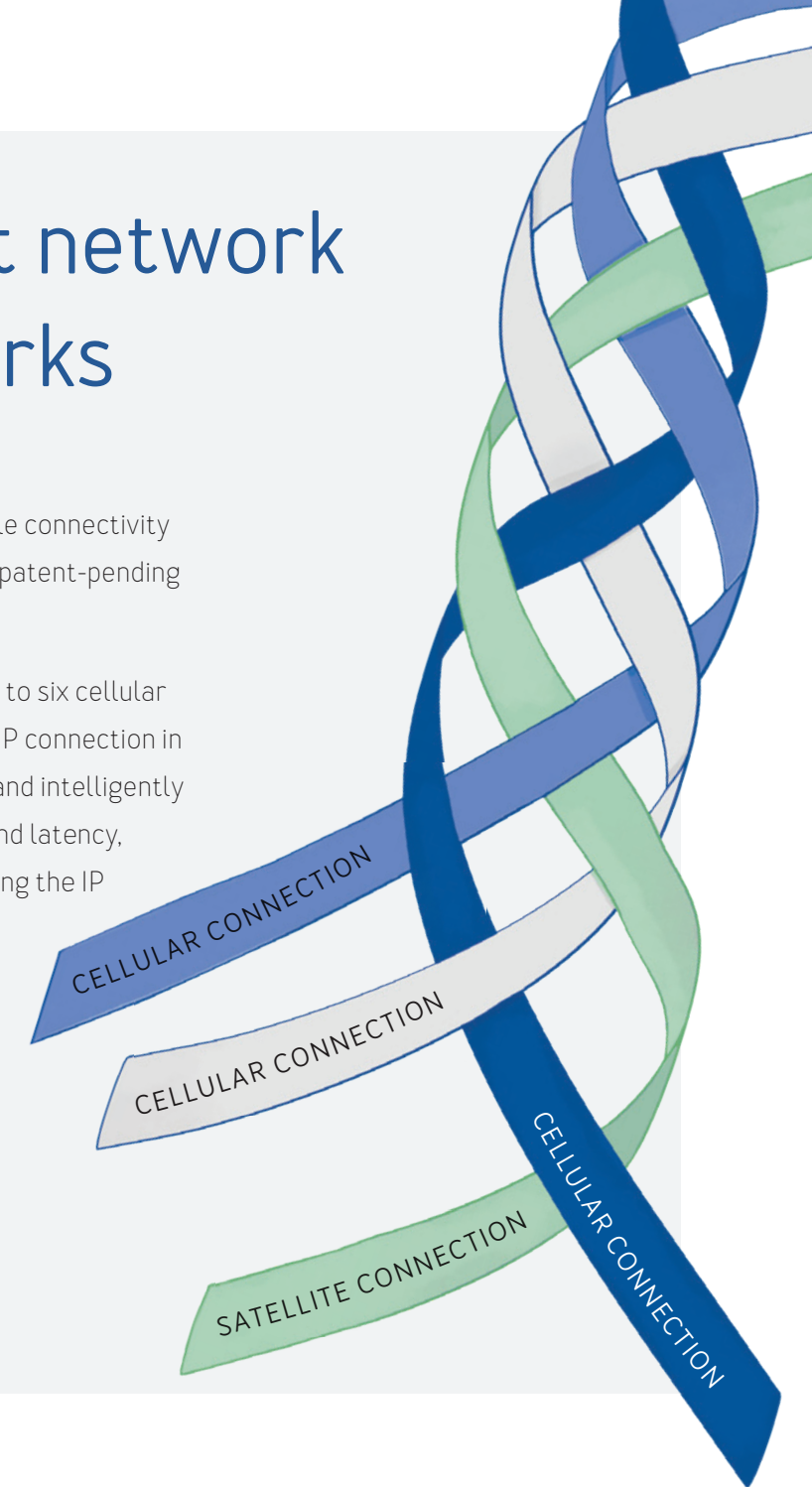
ONE CONTACT

With connectivity services from one provider, billing is greatly simplified. And with our first-class technical support team available 24/7, we've got your back when the pressure is on to deliver live content.

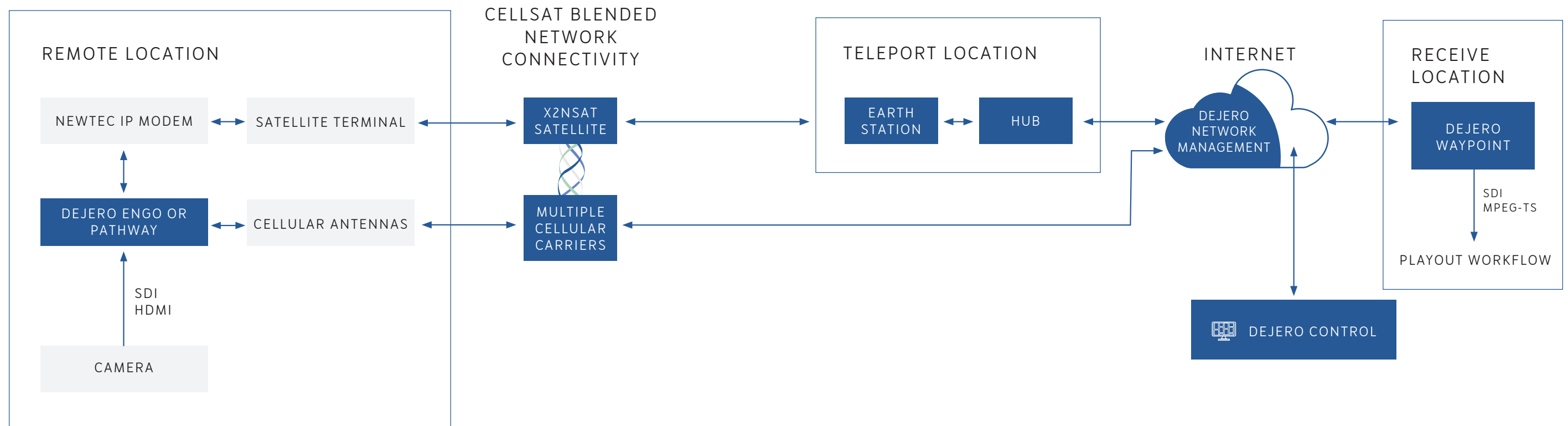
How CellSat network blending works

The ability of CellSat to deliver reliable connectivity is made possible by our patented and patent-pending network blending technology.

By analyzing the characteristics of up to six cellular connections and the X2nSat Ku-band IP connection in real time, our algorithm dynamically and intelligently manages the fluctuating bandwidth and latency, choosing the optimal path for delivering the IP packets to the playout destination.



Dejero CellSat solution diagram



Blending cellular with satellite

An integral component of the Dejero CellSat solution is Ku-band IP satellite connectivity. In partnership with X2nSat, we've adapted our patented network blending technology to combine cellular connectivity with X2nSat satellite connectivity that is solely dedicated to CellSat customers. The result? A highly reliable remote broadcasting solution that ensures you have the bandwidth available to confidently go live, wherever you are.

About X2nSat

Serving the business needs of clients since 1996, X2nSat is a full service satellite Network Operator. They own, operate, and maintain multiple satellite networks that provide service anytime, anywhere. X2nSat provides enterprise solutions with 99.9% reliability and the flexibility to meet specific customer needs. They own and operate a primary satellite gateway and network operations center in Petaluma, California and also maintain a separate fully redundant gateway in Las Cruces, New Mexico.



Interested in learning more about Dejero CellSat?

Visit our website or connect with one of our sales representatives to set up a demo.

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