



**GALAXY**<sup>®</sup>  
Enterprise Networks that Deliver

**20**  
YEARS

**CHALLENGE:**

How to monitor remote generating stations.

**SOLUTION:**

GALAXY's fixed dish satellite system provides dependable CIR connectivity for critical low bandwidth applications such as SCADA.

**RESULT:**

24 x 7 monitoring of all sites no matter where they are, guaranteed data rates for dependability, and interfaces with hundreds of different SCADA protocols.

Whether your company produces or delivers electricity, GALAXY can provide you high speed broadband via their North American Enterprise satellite network. For your remote generating locations that require monitoring, GALAXY can connect your SCADA (Machine to Machine) applications with low speed CIR service. GALAXY can also provide a connection for your video surveillance, Voice Over IP (VoIP) and data requirements from anywhere in North America.

By combining the Encore Bandit 2 router with the GALAXY system, you can now convert serial port equipment to IP. The second feature is that it allows you to interface with over 180 SCADA protocols. Thirdly, the Bandit 2 can provide optional SLE, VPN security, which is designed to work over satellite.

24 x 7 monitoring using the GALAXY FleetVU portal makes it fast and easy to see every location and each sites' statistics. Proactive alerts, that you control, notify you automatically if there is an issue and empower you with level one trouble shooting.

From wind power turbines to hydro generating stations, GALAXY can provide reliable and consistent connectivity wherever you require it. Even Smart Metering networks can have some pockets of dead zones with traditional providers but GALAXY can supply satellite solutions and fill in those spots to complete your network.

"Your explanation about using satellite systems and why the utilities are deploying this technology was really interesting. I think GALAXY will do well with the utility companies in the US because there are many areas where traditional tower structures are not going to be permitted and running a cable is going to be cost prohibitive" - Brian Teague, Business Development Manager, Hubbell Power Systems.

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