

DasNet

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ARMY CORP OF ENGINEERS (ACE) BARGE TAGGATZ
SATELLITE BANDWIDTH ACTIVATION & SUPPORT
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CLIENT NEED

United States Army Corps of Engineers (ACE) requested satellite bandwidth and activation for the Quarters boat Harold E. Taggatz, commissioned in May 2008. In addition to satellite bandwidth provisioning and activation, the ACE required 24/7 Network Operations Center (NOC) support and access to an Internet Service Provider (ISP), and the selected provider would need to utilize a satellite terminal from an older vessel installed as the primary method for communication via 3 VoIP telephones and daily internet access.

SOLUTION

To meet the client's needs:

- DasNet refurbished the previous satellite terminal, so that it could properly track the satellite as the ship moves up and down the Mississippi river while the ship was moving in the vertical and horizontal planes. DasNet also provided a new modem to provide better control and trouble shooting capability from the NOC.
- DasNet deployed a secure data transmission system using 3DES by the iDirect Net Modem provided with the satellite equipment.
- To support operations, DasNet's expert engineers monitor satellite service 24 hours per day, 7 days per week, and 365 days a year.
- The systems were deployed in a challenging environment, while the ship was conducting dredging operations along the Mississippi River, during the dredging season, June to November 2008, and May to November 2009. DasNet's group of skilled and dedicated engineers and technicians were able to commence work on this activity immediately after contract award. This resulted in a providing a state-of-the-art VTC for a mission-critical system on-time and within budget for the 8th Army.

RESULT

Since the commission DasNet provides bandwidth for the satellite communications and first level NOC support. DasNet has established and currently maintains satellite lock under all operating conditions on the Mississippi River from St. Paul, Minnesota to St. Louis, Missouri for this effort.

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