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DARKHORSE



MILITARY KA-BAND CAPACITY ON GX5

In response to the U.S. Government's requirements for the highest level of resiliency and flexibility, DarkHorse is a scheduled steerable service on the GX5 satellite, offering access to enhanced Global Xpress high-speed, mobile, mobile broadband services over Europe and the Middle East.

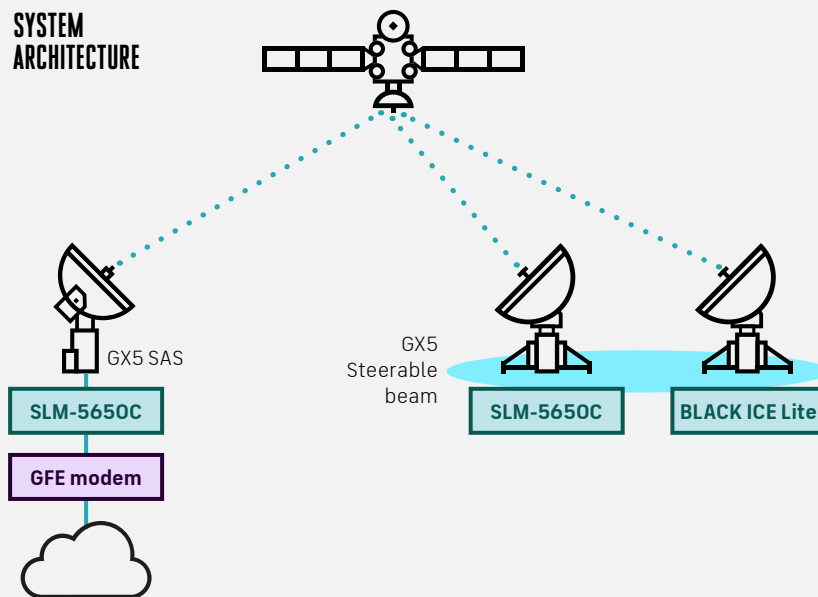
Global Xpress is the world's first and only globally available, commercial seamless and highly reliable mobile wideband network interoperable with military satellite resources.

The DarkHorse capability provides a low Radio frequency (RF) signature service using Comtech SLM-5650C-based modems on GX5 satellite located at 11° E. The customer connects Comtech 5650C or Black ICE Modem to Military (Mil) Ka-band type-approved user terminal to access the service.

DarkHorse solution is available starting with two-week increments for military and civilian government users that require additional flexible temporary connectivity

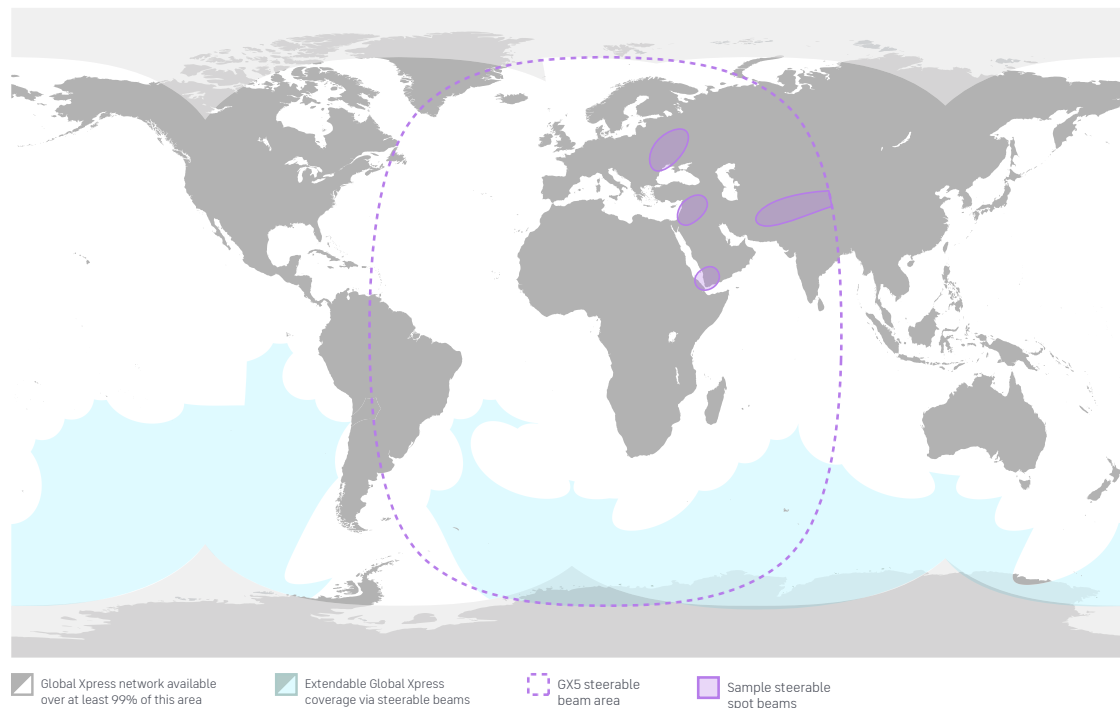
for mission-critical communications. DarkHorse scheduled service offers high-data rate forward and return bandwidth from the terminal for customers with an existing Mil Ka-band terminals. Darkhorse customers can utilize more than one beam simultaneously.

SYSTEM ARCHITECTURE



FEATURES

- Steerable service on GX5 (located at 11° E)
 - Available in two-week increments (or longer)
 - Provides 176MHz forward and 88MHz return (to and from the terminal)
 - Access requires Mil Ka-band terminal with Comtech 5650B or 5650C modem
 - Black ICE external modem available to adapt existing Ka-band terminals to the service (not required if customer terminal has a 5650B or 5650C modem)
 - Hub side connectivity provided to the Internet – termination
- to a customer Point of Presence (PoP) available
 - Provides low RF signature service
 - Inmarsat Government provides beam steering
 - Customer or Inmarsat Government manages Hub Modems
 - Option for the customer to provide GFE modems for installation at IG SAS locations





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