



# SATCOM Solutions to Fit Your Needs



# SATCOM Solutions

## Current Environment

US and International Government telecommunications requirements are the same as the rest of the market – more bandwidth, mobility, ubiquity, reliability, security. Deployed militaries expect the same level of service as they have at home. These customers increasingly rely on Commercial Satellite Communications (SATCOM) solutions to meet their needs.

## The Boeing Difference

We provide Secure Command & Control using private network, airborne networks, airborne ISR, terrestrial com-on-the-move and maritime communications. These networks can support all of your communication needs, including video-conferencing, large file transfers, and Internet cafes. Boeing is the only company that can provide true end-to-end SATCOM solutions. From terminal development to sustainment and maintenance of your network, Boeing is capable and ready to support your needs.

## Global Coverage Across the Spectrum to Support your Changing Needs

| Frequency                 | UHF                       | L   | L                                 | C                                      | Ku                           | Comm Ka                 | Mil Ka            |
|---------------------------|---------------------------|---|-----------------------------------|--|------------------------------|-------------------------|-------------------|
| <b>Maximum Throughput</b> | 500kHz                    | 432kbps / high gain ant<br>332kbps / inter gain ant<br>Explore HDR: 600-800kbps | 16 Kbps to 384 Kbps for U/L & D/L | Configured to meet Customer Req        | DL: 100+Mbps<br>UL: 100+Mbps | DL: 50Mbps<br>UL: 5Mbps | Up to 3 Gbps      |
| <b>Coverage</b>           | Asia, Europe, Africa      | Global  | Middle East                       |  | Global                       | Global                  | Global            |
| <b>Network</b>            | Shared                    | Shared or Private   | Shared or Private                 |  | Shared or Private            | Shared or Private       | Shared or Private |
| <b>Applications</b>       | Narrowband (Voice & Text) |   |                                   | Wideband (Voice, Video, Internet, VTC) |                              |                         |                   |

## The Boeing Solution: Boeing's SATCOM portfolio provides a tailored end-to-end Satellite Communication solution across a spectrum of satellite capabilities, terminals, training, operations and maintenance.

- **Managed Services – 24x7 Network Operations Centers**
- **Commercial and Military Frequencies**
- **Private, Secure Networks**
- **Terminal Integration and Test**
- **Various airborne terminal configuration (permanent, roll-on/roll-off)**
- **Training, Operations & Maintenance**
- **Customer portal for historical & predictive situational awareness**
- **Exclusive Provider to US Government for Mil Ka band**
- **Readily Available Contracting Vehicles for Procurement**  
- GSA Schedule 70 SIN 132-54, 55, GSA/DISA CS2, Army CTS