

# SIMPHONĒ™ GLOBAL BROADBAND

Satellite-based high-speed data solution



**TRUENORTH**  
Fly. Connect. Succeed.

## SIMPHONĒ™ GLOBAL BROADBAND

The first compact, high-speed airborne Internet data solution that's also affordable and easy to install, Simphonē Global Broadband (SGBB) is the system designed for business aviation.

Comparable in speed to a DSL ground connection, Simphonē Global Broadband lets you browse the Internet, send and receive e-mail, access your company's VPN and manage your business online. Interfacing through your laptop or smart phone, SGBB provides a seamless operating environment for mobile communications.

Using Inmarsat's SwiftBroadband service and the built-in data routing and Wi-Fi capabilities of our Simphonē Chorus airborne telephone, SGBB is the new standard for worldwide data and cabin networking.

- Worldwide high-speed data and voice
- Ramp-to-ceiling availability
- Uses Inmarsat® SwiftBroadband satellite network
- Compact, 2-MCU data unit with amplifier and antenna
- Risk-free, pre-integrated turnkey solution
- Total system weight <20 lb.
- 432 kbps throughput with high-gain antenna
- 332 kbps throughput with intermediate-gain antenna
- 200 kbps throughput with low-gain antenna
- Automatic data routing
- Uses menu-driven handsets with noise-reduction technology
- Powered by Cobham®



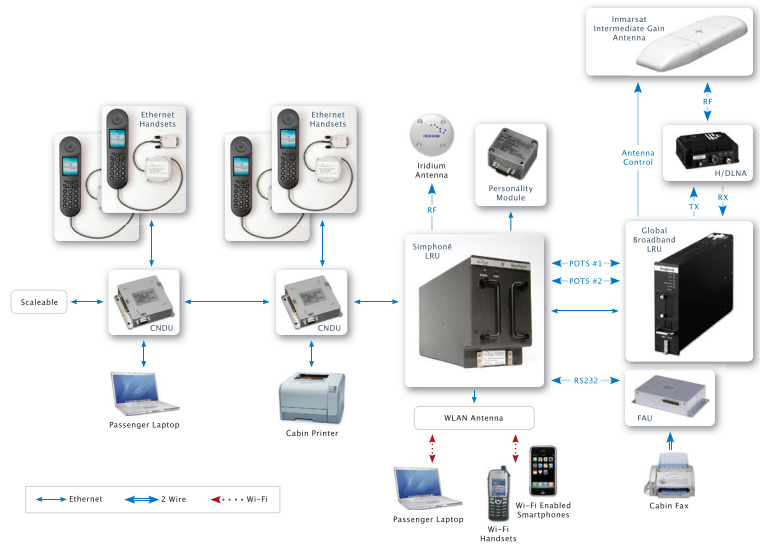
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## SIMPHONĒ GLOBAL BROADBAND SPECIFICATIONS

- **Input Power:** 28VDC (44W maximum)
- **Dimensions:**
  - Satellite Data Unit (SDU): 7.75 in. T x 2.36 in. W x 7.48 in. L (2MCU)
  - Intermediate-Gain Antenna (IGA): 22.87 in. L x 1.93 in. T x 6.89 in. W
  - High-Power Amplifier (HLD): 7.75 in. L x 2.36 in. T x 7.48 in. W
  - Optional High-Gain Antenna (HGA): 9.68 in. T x 10.0 in. W x 10.0 in. L
- **Mass:**
  - SDU: 5.3 lb. (2.4 Kg)
  - IGA: 7.7 lb. (3.5 Kg)
  - HLD: 5.3 lb. (2.4 Kg)
  - Optional HGA: 4.2 lb. (1.9 Kg)
- **Pressurization:** Not required (mounts inside or outside cabin)
- **Temperature Range (SDU):** -55°C to +70°C
- **Altitude:** 0-50,000 ft. (0-15,240 m.)
- **Power:** 22-30.3 VDC @5.4A max.



### THE SIMPHONĒ CHORUS DIFFERENCE

Simphonē system executive-class advantages:

*Advanced ClearCall™ technology for superior voice quality*

*Two built-in channels of worldwide Iridium Satcom*

*Easy-to-use menu-driven handsets*

*Compact, one-box packaging for simple installation*

*“Future-proof” modular architecture for unlimited life and unlimited networking*

*Unmatched personalization options*

*Designed, manufactured and supported to a higher executive standard*

*Three-year warranty*

TRUENORTH AVIONICS, INC.

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