

432 KBPS FROM THE SWIFTBROADBAND LEADER



Speed is broadening

Broadband is an integral part of most forms of communications today. When travelling the globe, high-speed internet is the way to go in order to be able to log-on to your corporate network, use your PDA, surf the Internet, talk on the phone, or even talk face to face with your boss, co-workers or family via video transmission. This is why Thrane & Thrane now introduces the Aero-SB⁺.

A full featured office solution with 6 channels

With the Aero-SB⁺ combining the classic aeronautical communications services with the new SwiftBroadband service you can take your office anywhere at speeds up to 432 kbps. The full SwiftBroadband solution from Thrane & Thrane comes with three channels for global voice, one flight deck data link, one Swift64 channel for redundancy and data capabilities of SwiftBroadband (background and streaming). The full SwiftBroadband solution from Thrane & Thrane offers a wide array of embedded features, including:

- VoIP connectivity
- High speed internet
- Low cost voice
- Built-in router for intelligent connectivity support and multiple user support
- Built-in Ethernet switch for supporting numerous wired laptops and/or EFBs
- Built-in wireless LAN for supporting numerous wireless laptops and/or PDAs (this function can be disabled)
- Built-in PBX for supporting numerous handsets
- ISDN connectivity
- Secure communications capable (STE, STU, KIV and HAIPE compatible)

All these features in a combined low weight, small size and compact package offer customers a highly competitive and feature rich communications suite.

Thrane & Thrane is the first

As world leader of land mobile broadband communications via satellite (BGAN), it is only natural that the first airborne proof-of-concept SwiftBroadband solution also came from Thrane & Thrane, flight tested on a Dassault Falcon 900EX.

Innovation is key

With a pioneering outlook and a fixed focus on new technology development, Thrane & Thrane has put more than 225 man years into creating the core technology that will lead to the very best SwiftBroadband solution in the market. In short, SwiftBroadband from Thrane & Thrane is:

- Easy to use
- Superior in design and technology
- Global
- Cost-effective
- Compact and lightweight

Swiftbroadband flexibility – an aeronautical revolution

SwiftBroadband at data speeds up to 432 kbps can operate in different modes depending on the users' needs: Either charged by the amount of data transferred – cost efficient and ideal for normal office work – or charged for Quality of Service (QoS) – ensuring guaranteed bandwidth in steps – e.g. for video conferencing. And it does not stop there! The quality of voice communication reaches new heights, while the price of voice is reduced by 75 %.

Easy upgrade of the Aero-HSD⁺

SwiftBroadband is a grand step up from the otherwise cutting-edge Aero-HSD⁺ and the upgrade is simple – an easy box swap!

For more information please contact aero@thrane.com

THRANE & THRANE – THE BROADBAND EXPERT

Established in 1981, Thrane & Thrane is the world's leading manufacturer of terminals and land earth stations for global mobile satellite communications and has delivered close to 400,000 terminals to the land mobile, maritime and aeronautical markets.

After spending 225 man years in BGAN terminal development, Thrane & Thrane now possess the key technology that will be reused in the aeronautical, maritime and land vehicular segments. We are thus in an eminent position to further strengthen our absolute leadership in Inmarsat terminal development in all segments.

Subsequent to delivering the ground infrastructure (the Radio Access Network) for the I-4 satellites to run Inmarsat's BGAN land mobile services

– a \$70 million contract – Thrane & Thrane has also won the contract to further develop the ground infrastructure for future aeronautical, maritime and land vehicular services. Thrane & Thrane has again proven its dedication and technology leadership on the infrastructure side.

Following the acquisition of NERA SatCom AS, Thrane & Thrane today provides the entire ground infrastructure for all aeronautical services, such as the classic aeronautical services (H, H+, I and M) as well as the Swift64 and SwiftBroadband services.

Thrane & Thrane is the only aeronautical supplier to deliver both the aeronautical terminals and the ground infrastructure they operate on!

