



L-MAX
MASSIVE BANDWIDTH
UPLIFT FOR ISR OPERATIONS

INMARSAT GLOBAL GOVERNMENT
COMMUNICATIONS MADE CERTAIN



INTRODUCING L-MAX

ISR ACCESS ON SWIFTBROADBAND LEASING

- Access to additional spectrum via a minor modification giving operators flexibility for their regional operations (no hardware modification needed)
- Providing up to 8Mbps on ELERA network
- Multiple aircraft can share the lease saving on cost and utilising ease of use for their missions

MASSIVE BANDWIDTH UPLIFT FOR ISR OPERATIONS

L-MAX: the high bandwidth leasing solution that bridges the gap between SwiftBroadband and Global Xpress, providing high bandwidth for even the smallest of reconnaissance platforms.

L-MAX reserves bandwidth and power over a geographic region for a specified duration, using higher order modulation and coding (MODCOD) to deliver Internet Protocol (IP) data efficiently. This provides a high data-rate, cost effective, end-to-end communication solution over a secure, highly resilient, and reliable Inmarsat private network using the SWAP features of ELERA terminals.



SPEED

High availability and flexible throughput.

Higher throughput achieved, over 2Mb on the return datalink under ELERA global coverage using small form factor antennas

SIMPLICITY

Minimum effort required for aircraft installation if Inmarsat SwiftBroadband is already installed No STC required

Use existing L-band Antenna or antenna able to operate in frequency range 1525-1559 MHz to Earth and 1626.5 to 1660.5MHz Earth to Space

SOVEREIGN

Peace of mind.

Sensitive traffic is kept within the secure Inmarsat network, and off public internet

SECURE

Enables high demand ISR applications to send critical surveillance data via live stream with encryption, adopting security protocols.

SUITABILITY

Customised design to operate under your operational footprint only, minimising cost and optimising efficiency

FLEXIBLE TERMS THAT MEET OPERATIONAL REQUIREMENTS

The duration of L-MAX leases is adaptable and can be tailored to specific mission requirements, guaranteeing bandwidth and flexibility for better decision-making.

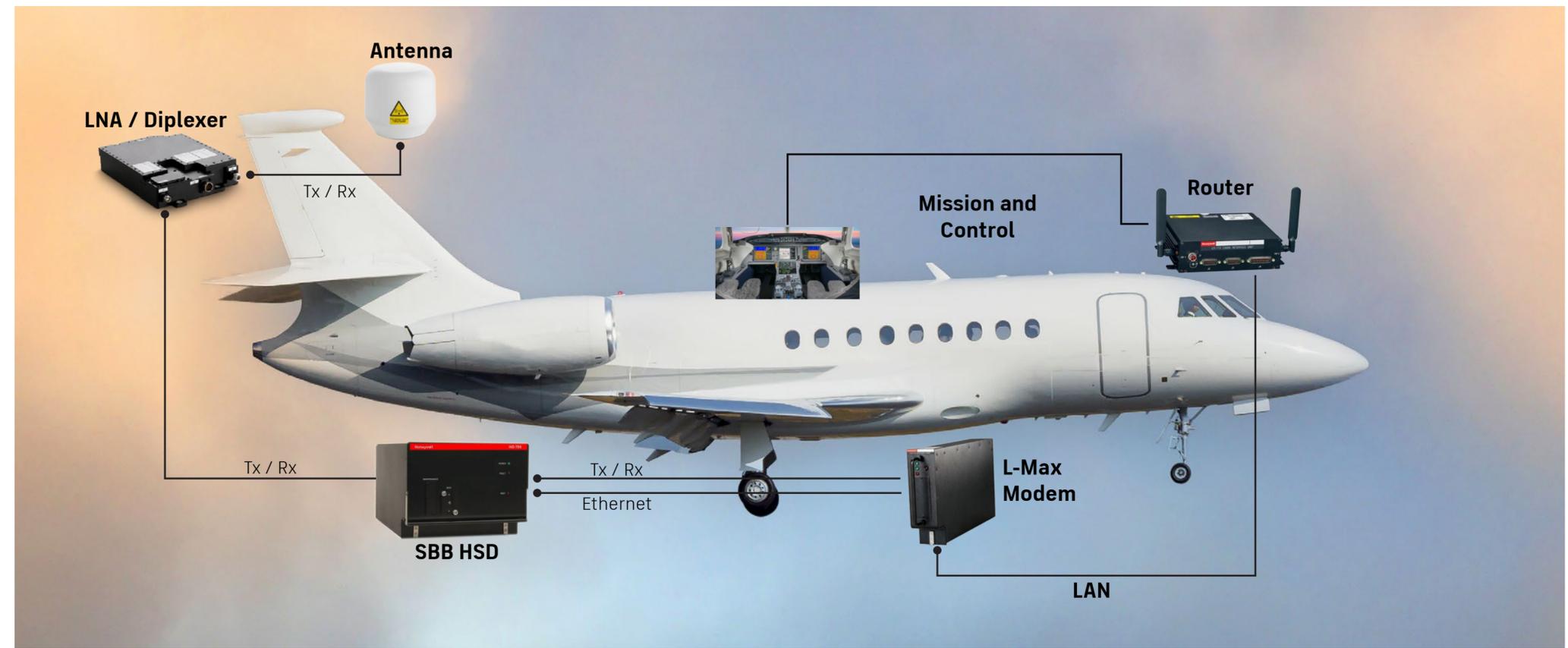
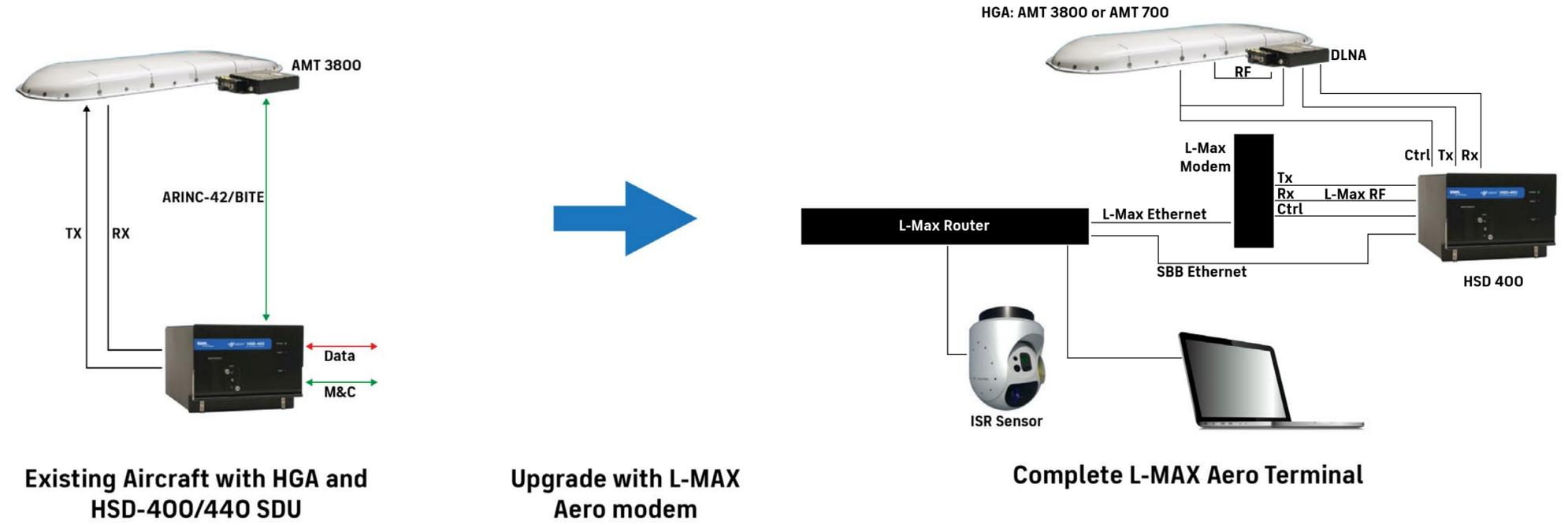
LOW RISK, EASY UPGRADE PATH

L-MAX requires minimal aircraft modification to achieve these significant throughputs, ensuring not only more effective sorties, but also much less downtime.

AVAILABLE WITH EXISTING HARDWARE

Aero platforms already equipped with a Honeywell HSD-4xx system are positioned perfectly to take up L-MAX capability in the initial launch stage, with Inmarsat working to introduce additional non-High-Speed-Data based SwiftBroadband platforms.

L-MAX takes advantage of Inmarsat's ELERA L-band capacity, integrating the configuration of both airborne and ground network components.





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L-Max. April 2022