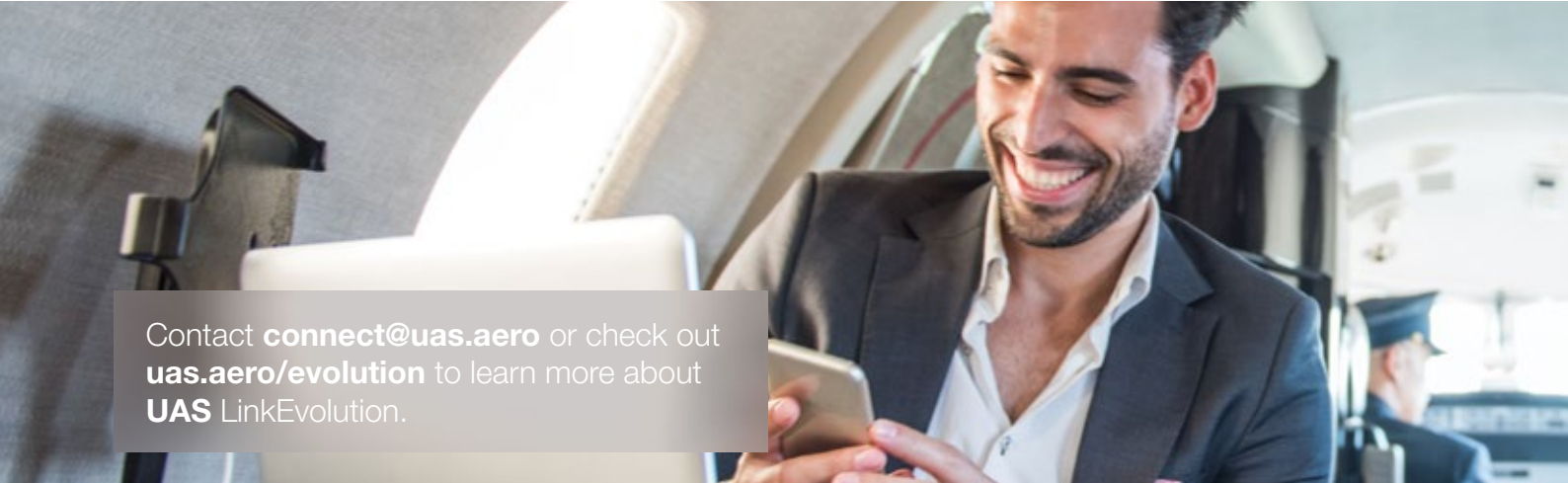




International Trip Support

linkevolution™



Contact connect@uas.aero or check out uas.aero/evolution to learn more about UAS LinkEvolution.

Today, it's more important than ever to be connected at all times. You need telephone and internet services no matter where your aircraft takes you. However, this has often meant hours of flying without connectivity.

Additionally, today's aircraft are equipped with modern avionics that also want to be connected to the ground, allowing them to send messages, uplink flight plans, review weather, synchronize aircraft health data, and participating in advanced navigation initiatives like Controller-Pilot Datalink Communications (CPDLC).

UAS LinkEvolution provides seamless global connectivity to the cockpit and the cabin using powerful datalink satcom networks so you are always contactable and connected.

The solutions are divided into two distinct parts:

Solutions for the Flight Deck



Datalink Services – Worldwide unlimited VHF and satellite ACARS services, including AOC and ATN messaging for all avionics types



Telephone Services – Worldwide telephone connectivity over all available satellite networks, including Safety Services

Solutions for the Cabin



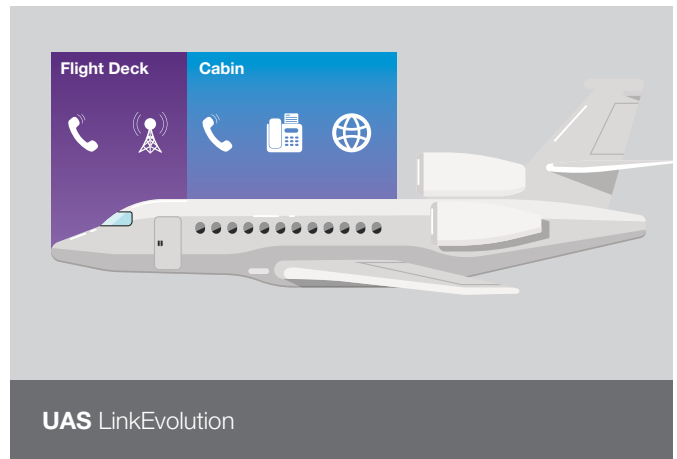
Telephone Services – High-quality telephone connectivity with one-number and fleet dialing support, available on all satellite networks.



Fax Services – Send and receive faxes to onboard equipment, with support for automatic fax detection.



Internet Services – A number of available internet and wi-fi solutions available over a multitude of different satellite technologies.



UAS LinkEvolution

Benefits

- Future-proof your aircraft by making sure you comply with all current and upcoming avionics mandates
- Access your data anytime, anywhere, and view, monitor, and manage usage through our comprehensive client portal
- Relax with 24/7 worldwide technical support through our network of industry-leading engineers and technicians
- Improve accessibility and performance with one-number and fleet dialing solutions as well as data acceleration and compression
- Enjoy unlimited datalink communications over all VHF and satellite networks with no per kilobit charges or satellite premiums
- Rest assured you are paying a fair price for these revolutionary services with no hidden fees
- Take advantage of one-stop shopping for all your flight planning, communications, and trip support needs

Technical Specifications

Datalink (ACARS) Services	
Standard Services	Out/Off/On/In (OOOI) Messages, Position Reports, Flight Plan Uplinks, Text/Graphical Weather, D-ATIS, PDC/DCL, TWIP, Engine/Airframe Health Monitoring, Free-Text Messaging, FANS (ADS-C/CPDLC), Fault Reports, Email-to-Aircraft, etc.

	VHF	SATCOM	
Mechanism	VHF Radio	Inmarsat	Iridium
Link Speed	2.4 kbps (POA) / 31.5 kbps (VDL)	10.5 kbps (Classic Aero)	2.4 kbps
Spectrum	Very High Frequency (VHF) Radio Waves	L-Band Inmarsat Satcom	L-Band/Ka-Band Satcom
Coverage Area	High-Density Over-Land Airspace	Between 83°N - 83°S Latitudes	Worldwide (including Polar regions)
Networks	ARINC, SITA, AVICOM, AeroThai, ADCC, DECEA	Inmarsat	Iridium
AOC Messages	Fully Supported	Fully Supported	Fully Supported
ATN Messages	Fully Supported	Supported on Classic Aero Networks	Supported, but Not Approved
Safety Services	Fully Supported	Approved on Classic Aero Networks	Not Approved

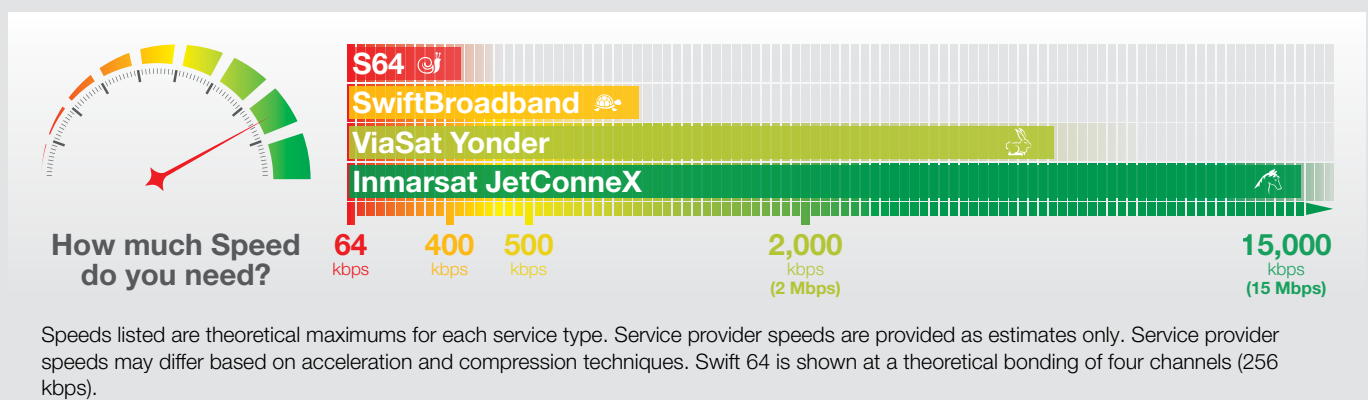
Inmarsat Swift 64								
Link Speed	64 kbps	👤	Datalink	No	Y	Acceleration	N	VoIP
Spectrum	L-Band Inmarsat Satcom	☎️	Telephone	Yes	Y	Compression	N	Video Conference
Coverage Area	Between 83°N - 83°S Latitudes	📠	Fax	Yes	Y	Email	N	VPN
Channel Bonding	Up to 4 (256 kbps max)	🌐	Internet	Yes	Y	Web Browsing	N	1080p Video

Inmarsat SwiftBroadband								
Link Speed	432 kbps	👤	Datalink	No	Y	Acceleration	Y	VoIP
Spectrum	L-Band Inmarsat Satcom	☎️	Telephone	Yes	Y	Compression	Y	Video Conference
Coverage Area	Between 83°N - 83°S Latitudes	📠	Fax	Yes	Y	Email	Y	VPN
Channel Bonding	Not Supported	🌐	Internet	Yes	Y	Web Browsing	N	1080p Video

Inmarsat JetConneX								
Link Speed	15 mbps	👤	Datalink	No	Y	Acceleration	Y	VoIP
Spectrum	Ka-Band Inmarsat Satcom	☎️	Telephone	Yes	Y	Compression	Y	Video Conference
Coverage Area	Between 83°N - 83°S Latitudes	📠	Fax	Yes	Y	Email	Y	VPN
Channel Bonding	Not Supported	🌐	Internet	Yes	Y	Web Browsing	Y	1080p Video

Iridium								
Link Speed	2.4 kbps	👤	Datalink	Yes	N	Acceleration	N	VoIP
Spectrum	L-Band/Ka-Band Satcom	☎️	Telephone	Yes	N	Compression	N	Video Conference
Coverage Area	Worldwide (including Polar regions)	📠	Fax	Yes	Y	Email	N	VPN
Channel Bonding	Not Supported	🌐	Internet	No	N	Web Browsing	N	1080p Video

ViaSat Yonder								
Link Speed	3.5 mbps	👤	Datalink	No	Y	Acceleration	Y	VoIP
Spectrum	L-Band/Ka-Band Satcom	☎️	Telephone	No (VoIP Only)	Y	Compression	Y	Video Conference
Coverage Area	Certain Geographic Regions	📠	Fax	No	Y	Email	Y	VPN
Channel Bonding	Not Supported	🌐	Internet	Yes	Y	Web Browsing	Y	1080p Video



Americas Headquarters
 1880 S Dairy Ashford Rd #175
 Houston, TX 77077 USA
 Tel: +1 281 724 5400

Asia-Pacific Headquarters
 19th Floor, Lee Garden One, 33 Hysan
 Avenue, Hong Kong
 Tel: +852 3008 5748

Africa Headquarters
 Postnet Suite #112, Pvt Bag X21
 Johannesburg, 2021, S Africa
 Tel: +27 11 514 0755

Middle East Headquarters
 UAS Building, DAFZA,
 P.O.Box 54482, Dubai, UAE
 Tel: +971 4 299 6633

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