



IRIDIUM CERTUS TRULY MOBILE BROADBAND



Iridium CertusSM is the new advanced multi-service platform powered by the \$3 billion Iridium NEXT constellations. With a range of speeds eventually reaching up to 1.4Mbps, Iridium Certus will deliver global, reliable, enterprise-grade connectivity while redefining the capabilities of mobile satellite communications. Iridium Certus will offer more than just connectivity – it is a portfolio of ever-expanding service offerings that will allow your business to operate more efficiently by providing greater value and greater reach than any other mobile wireless network.



Iridium CertusSM
Reliable. Everywhere.

22 kbps Iridium Certus 20

- Global Maritime Distress & Safety System (GMDSS)
- ACARS
- Asset Tracking
- eLog Book
- Telemetry
- Remote Monitoring

88 kbps Iridium Certus 100

- Internet/VPN
- Email
- Graphical Weather (WX)
- Photo Transfer
- Credit Card Validation

176 kbps Iridium Certus 200

- ECDIS Updates
- Aeronautical Charts
- Streaming Audio

352 kbps Iridium Certus 350

- Flight Data Recorder Streaming
- VSAT Redundancy
- Low Resolution Video

704 kbps Iridium Certus 700

- Standard Definition Video
- Video Conferencing
- Multi-User Internet / VPN
- Telemedicine

1408 kbps Iridium Certus 1400

- High Definition Video
- Video Conferencing
- Multi-User Internet / VPN
- Telemedicine

- 100% Global Coverage
- Single global network, single device and SIM
- Uniform low latency & High Performance, fastest L-band speeds
- Weather resistant connectivity
- highly secure with plenty of available bandwidth
- Optimized for high volumes of simultaneous IOT data sessions
- Single price around the world, no roaming

IRIDIUM 700 AND 1400 WILL BE INTRODUCED IN THE MARKET

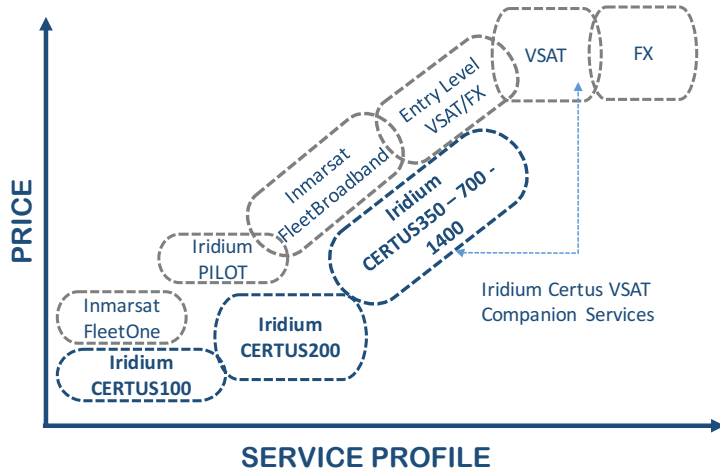
Iridium CertusSM is the solution that offers a response to the needs of shipping companies and crew in terms of:

- Reliable Service
- Small equipment, easy to install and maintain
- Reasonable pricing for services and hardware
- No long term commitment
- Higher speeds
- Global coverage (important for those in areas that do not have coverage)
- A solution that provides real value for money
- Broader access to Satellite Communications for all
- Unlocking innovation that was previously blocked by high service costs and new innovative applications that simplify communications at sea providing clear information not just data

SIRM and SIRM UK consider Iridium Certus to be the ideal solution for their customers who demand a high-speed communication service with a standardised business model and a clear pricing model without hidden costs.

Iridium Certus solutions can be used as a primary communication channel, especially for small vessels, or as a reliable and cost-effective backup solution for global or regional VSAT communication services.

SERVICE POSITIONING



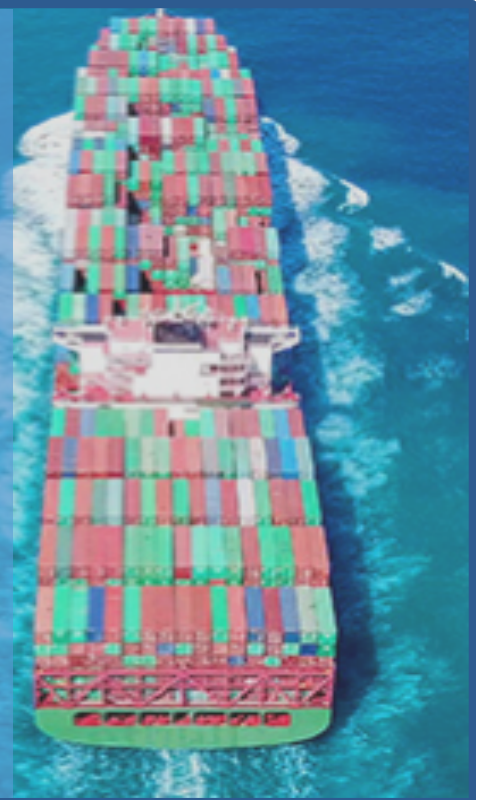
TERMINAL COMPARISON

TERMINAL	IRIDIUM CERTUS		Inmarsat FBB	
	Sailor 4300	Thales Vesselink	FBB250	FBB500
MAX DOWNLOAD	704 Kbps		284 Kbps	432 Kbps
Antenna Weight	7 Kg	3 Kg	5 Kg	20 Kg
Antenna Dimensions	38 cm (H) 23 cm (D)	35 cm (H) 27 cm (D)	35cm (H) 35 cm (D)	63cm (H) 68 cm (D)
Phone Line	3		1	
Terminal Price Level	\$	\$	\$\$\$	\$\$\$

SIRM UK Marine Ltd is the largest maritime electronics support organisation in the country. Our regional network of offices spans the length and breadth of the UK and are conveniently placed in, or near to, local ports and harbours.

We offer local expert knowledge and specific product information to meet our customers' needs. From these UK offices, we offer engineering support around the clock, providing reassurance and a service that is unrivalled in the UK.

There are dedicated, specialist sales teams for the commercial, fishing, offshore, wind farm and leisure sectors based around the UK, as well as for the provision of airtime services. These are all supported by a dedicated team of surveyors and experienced project management resources.



SIRM Marine UK Ltd.

69-71, Haltwhistle Road South Woodham Ferrers
Chelmsford Essex, CM35ZA, United Kingdom
Tel: +44 (0)1245 933340
sales@sirm.co.uk



SIRM.S.p.A.

P.le Immacolatella Vecchia - 80133 Napoli
Tel.: +39 081.22.81.911 Fax: +39 081.22.81.926
Email: dc@sirmspa.it