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## RUDICS & AMOSCONNECT

Optimize your email with Iridium's RUDICS & Stratos' AmosConnect

The Iridium RUDICS (Router Based Unrestricted Digital Interworking Connectivity Solution) service combined with Stratos' AmosConnect takes the Iridium Data solution even further.

Combining **AmosConnect** with **RUDICS** helps to further improve the efficiency and speed of your data communications.

### RUDICS

RUDICS is a circuit switched data service intended to be incorporated as part of an integrated data solution. RUDICS is designed to take advantage of the global nature of the Iridium communications system. The key benefit of RUDICS comes with the equipment used to terminate or originate the call in the Iridium gateway. RUDICS was originally designed to support applications that have many field devices and one central host application. The service allows field devices to directly call the host applications and the host application is able to directly call the field device (ship-to-shore and shore-to-ship.)

Taking full advantage of the Iridium network, Stratos now offers RUDICS combined with AmosConnect to provide our Iridium customers a truly global data solution that is quicker and more efficient than ever.

### AmosConnect

AmosConnect provides an ultra efficient satellite communications protocol, including error correction. Its benefits are cost savings through:

- Automatic message compression of up to 85% on text and database files
- Reduced modem synchronization and handshake procedures
- Automatic mid-message recovery after break, for minimum retransmission
- Delivery, non-delivery, read and unread notifications

With RUDICS the AmosConnect service becomes truly IP based and the analog modem training time is eliminated – again a cost saver. And on top of this the call connection quality and reliability is increased and throughput is maximized.

In order to use RUDICS the SIM card must be activated under AmosConnect RUDICS group (RUD-TS-V1D1-Standard). Previously activated cards can easily be swapped to this by our activations department. Note that RUDICS with AmosConnect currently works with postpaid only - meaning with regular postpaid SIMs as well as the postpaid captain's data calls made using a "318" SIM card. To make an AmosConnect data call with a card activated under RUDICS use short code **6565**.



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### Example of savings:

	NOTE	"Normal" MtF Iridium	RUDICS MtF Iridium	Difference
Airtime rate		\$1,50	\$1,50	
Sent nr of megabytes (uncompressed)	1	6,4	6,4	
Recd nr of megabytes (uncompressed)		3,2	3,2	
Average Compression speed kb/s	2	50%	50%	
		2.400	2.400	
Calls per Day		9	9	
duration in sec	2	19.183	14.440	3
duration in minutes		319.72	240.67	
<b>Estimated Airtime cost</b>		<b>\$479.59</b>	<b>\$361.01</b>	<b>\$118.58</b>

#### Notes:

- 1: Assumes that each call contains data in both directions, ratio 2:1
- 2: Compression based on AmosConnect average
- 3: RUDICS performance based on Iridium figures

Subscribers to AmosConnect will have access to the entire basic Iridium service suite:

- Voice
- Data speed (2.4kbps)
- Voice Mail
- Call Forwarding
- SMS
- Prepaid Solutions (Iridium Prepaid Crew Calling Scratch Cards)

#### About Stratos

Stratos ([www.stratosglobal.com](http://www.stratosglobal.com)) is a publicly traded company (TSX: SGB) and leading international telecommunications services provider offering customers operating in remote locations a variety of satellite and microwave wireless technologies to provide Internet Protocol, data, and voice solutions through a range of newly emerging and established technologies such as Inmarsat®, Intelsat®, Iridium®, Globalstar®, VSAT, and others. Stratos serves an array of diverse markets including government, military, oil and gas, maritime, industrial, aeronautical, media and recreational users anywhere in the world.

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