



Global Satellite Solutions

Advanced
Products

Satellites



Jabiru-1

NewSat's Jabiru-1 satellite will deliver over 6GHz of capacity, providing Ka- and Ku- band coverage, to satisfy the most demanding communication requirements.

Hottest bird in the sky

Jabiru-1

Over 6GHz capacity

- Unlocks bandwidth capacity and coverage that is unavailable today, satisfying the most demanding communication requirements

Ka-band MENA

- Provides high intensity spot beams over the Middle East and North America, ensuring cost-effective solutions with maximum data throughput

Ku-band Mekong

- Provides high power capacity and extensive coverage over the Mekong

Ku- band Mekong

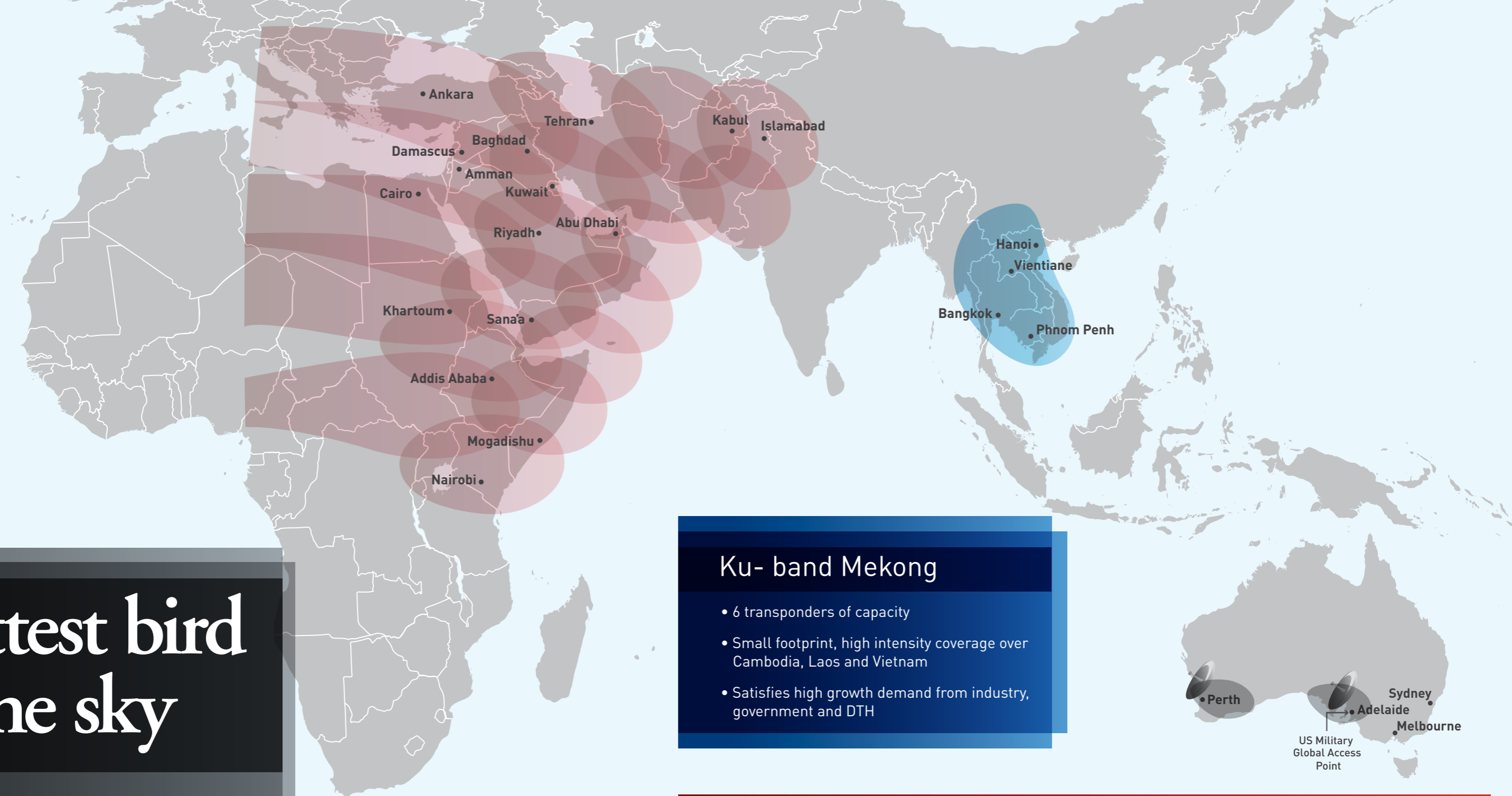
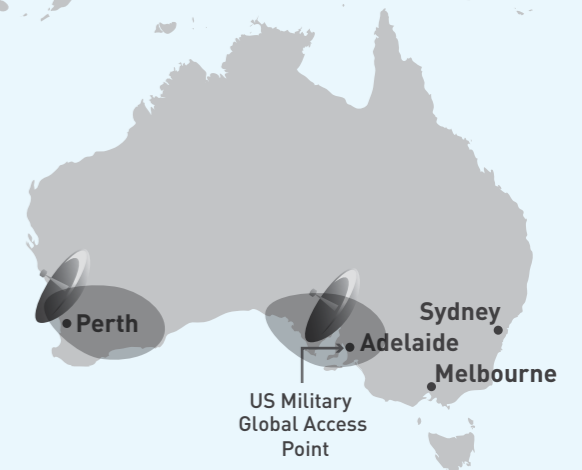
- 6 transponders of capacity
- Small footprint, high intensity coverage over Cambodia, Laos and Vietnam
- Satisfies high growth demand from industry, government and DTH

Ka- band MENA

- 20 high intensity 110MHz spot beams allow for cost-effective small client footprint antennas and extensive geographic coverage
- 4 assignable 110MHz spot beams extend capacity in popular, high demand regions supporting evolving customer demands
- Over 5GHz of capacity support high bandwidth applications for demanding military, resources and government environments
- Both the Adelaide and Perth gateways provide secure, safe and redundant communication backhaul capabilities out of Australia

Middle East and North Africa regions covered

Afghanistan	Iran	Saudi Arabia
Armenia	Iraq	Sudan
Azerbaijan	Israel	Syria
Cyprus	Jordan	Tajikistan
Djibouti	Kenya	Tanzania
Egypt	Kuwait	Turkey
Eritrea	Oman	Turkmenistan
Ethiopia	Pakistan	Uganda
Georgia	Qatar	Uzbekistan
India	Rwanda	Yemen



Jabiru Satellite Program

NewSat will launch and operate Australia's first independently owned commercial satellite, which will unlock bandwidth capacity and coverage that is unavailable today.

Jabiru-1

Will deliver Ka- and Ku- band satellite capacity across the Middle East, North Africa and South East Asia. Jabiru-1 is a large satellite, and with over 6GHz of capacity, will support high bandwidth applications for demanding military, resources and government environments. It will have high intensity Ka- band spot beams over the Middle East and North Africa and high power Ku- band coverage over Vietnam, Cambodia and parts of South East Asia. Jabiru-1 will have a life span of 15 years or more.

Jabiru-2

Will provide Ku- band satellite capacity in and around Australia. It will provide the perfect solution for sectors such as resources, government and defence that demand higher speeds, greater bandwidth and performance. With over 200MHz of capacity, Jabiru-2 will have a life span of 15 years or more.

Leading Australia's space quest

The satellite program takes its name from the indigenous term for "stork" and is the only bird of its kind in Australia. Found in remote regions, the Jabiru is an iconic bird, a strong and unique symbol to lead Australia's space quest.

10054_070311

Jabiru-1 Technical Specifications

Orbital type	Geostationary
Orbital location	Premium fully coordinated slot
Satellite launch mass	>5,880 kg
Operational life	15 years
Payload power	11.8kW (Ku- band: 8.3kW and Ka- band: 3.5 kW)
Solar configuration	7-panel per wing
Propulsion	Chemical system
Ku- band	
Remaining coverage	Mekong
Active transponders	Up to 6
Ka- band	
Remaining coverage	Middle East and Africa
Spot beams	20 (Middle East) and 1 (Adelaide)
Active transponders	23

Brochure published 7 March 2011. All images are for illustration purposes only. Terms and conditions apply. For more information go to newsat.com



For more information

Telephone within Australia
1300 306 119

Telephone outside Australia
+61 3 9674 4644

Email
jabiruinfo@newsat.com

