

Fact Sheet

Highlights

- IPSTAR is one of the world's largest and most advanced commercial satellites ever launched into orbit, and is designed for high speed communications over an Internet Protocol platform.
- IPSTAR's massive bandwidth capacity of 45 Gbps satisfies the enormous demand for broadband Internet of millions of users from governments, businesses and the telecom industry.
- IPSTAR's innovative multi-cellular spot-beam technology utilizes frequency reuse for increased satellite capacity and efficient use of bandwidth, while minimizing service cost.
- IPSTAR is synonymous with cost-effective broadband satellite services and solutions for any location lacking access to terrestrial infrastructures.
- IPSTAR is able to serve up to 2 million broadband users or provide backhaul for 20-30 million mobile subscribers.
- With nearly 200,000 user terminals sold, IPSTAR has achieved a critical milestone in its pursuit to bridge the digital divide.
- IPSTAR broadband service is currently available in 12 countries – namely Australia, Cambodia, China, Indonesia, Japan, Malaysia, Myanmar, New Zealand, Philippines, South Korea, Thailand and Vietnam – and will be available in 14 countries across Asia-Pacific by the end of 2009.
- With a combined 70,000 subscribers in Australia and New Zealand alone and growing, IPSTAR has become the single largest VSAT network operator in both countries.

Services & Solutions

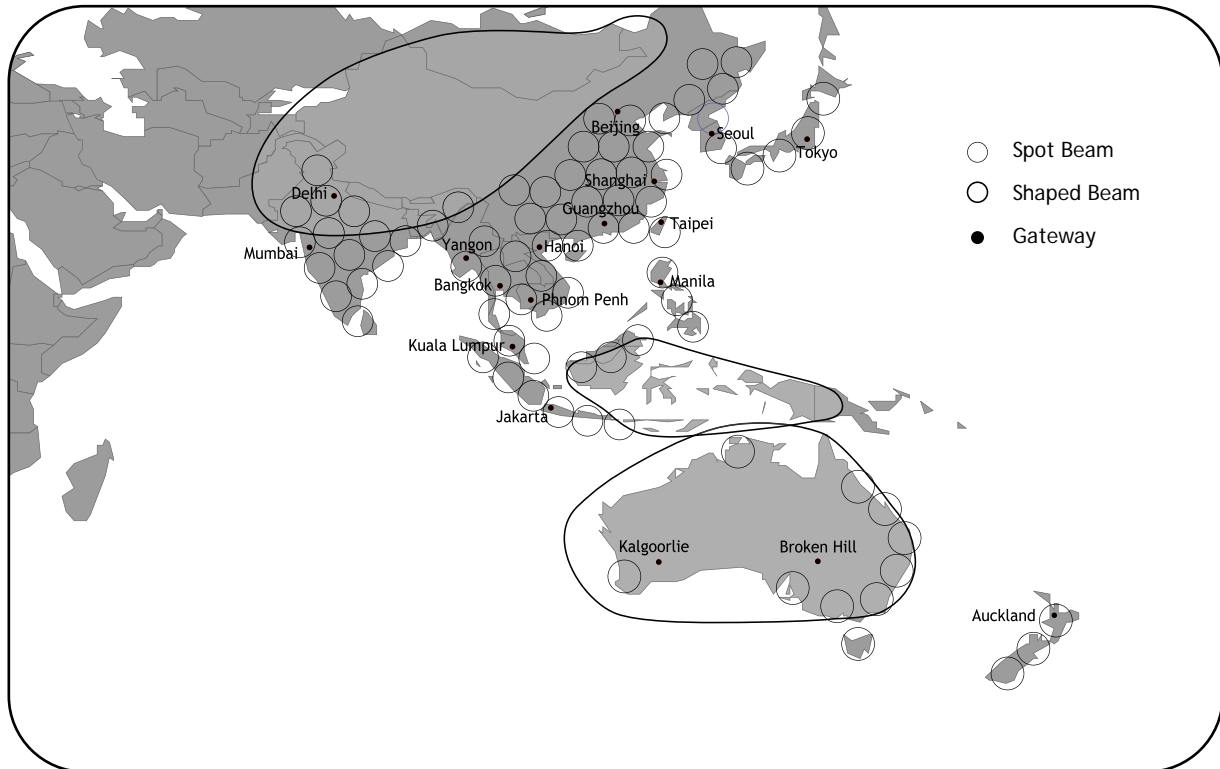
IPSTAR allows rapid ground network deployment and flexible service locations anywhere, anytime under its extensive footprint, and enables cost-effective broadband connectivity and solutions for:

- **Government**
Government Networks / Universal Service Obligation (USO) / Education and Distance Learning
Disaster Recovery and Emergency Communications
- **Business**
Enterprise Network Backhaul / Business Continuity / Virtual Private Network (VPN)
Retail Broadband / Content Delivery / Satellite News Gathering (SNG)
- **Telecom Industry**
Consumer Broadband / Asymmetric Digital Subscriber Line (ADSL) Backhaul / Mobile Network
Backhaul / Wireless Technology Backhaul / Rural Telephony

Fact Sheet

Coverage Area

Activated IPSTAR gateways as of July 2009: Broken Hill, Kalgoorlie (Australia), Phnom Penh (Cambodia), Beijing, Guangzhou, Shanghai (China), Jakarta (Indonesia), Tokyo (Japan), Kuala Lumpur (Malaysia), Yangon (Myanmar), Auckland (New Zealand), Manila (Philippines), Seoul (South Korea), Bangkok (Thailand) and Hanoi (Vietnam)



119.5° East
 orbital slot
 2-way
 shaped and spot beams
 10 million
 users
 45 Gbps
 aggregate bandwidth capacity

20
 times more powerful than
 conventional satellites
 84
 spot beams
 3
 shaped beams

18
 gateways
 14
 countries