System & Network Overview

RELIABLE·CRITICAL·LIFELINES

COMPANY STATUS

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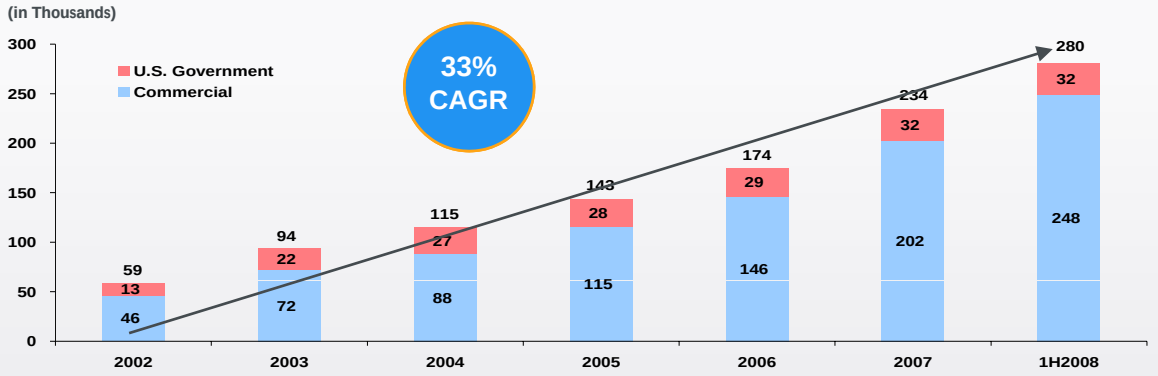
Iridium is Growing ...year over year

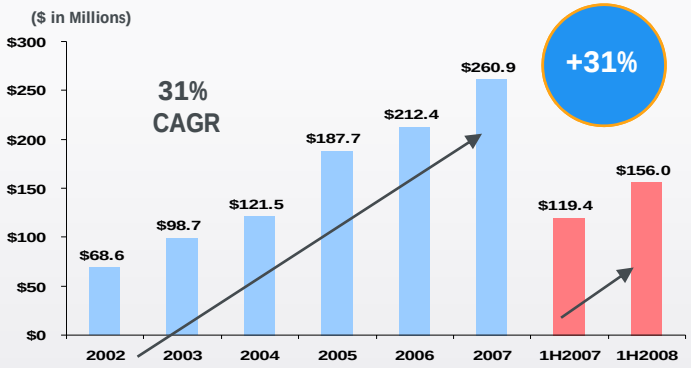
Iridium is growing rapidly and consistently, as measured by subscribers, revenues and EBITDA.

Since June 2008, Iridium's subscriber count has further increased to over 320,000.

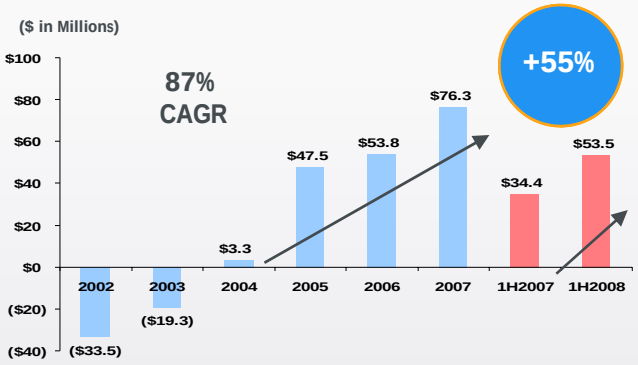
Total Subscribers



Revenue



Operational EBITDA(1)



Note:
(1) Operational EBITDA excludes revenue and expenses associated with next generation constellation deployment that cannot be capitalized.

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Iridium is Growing ...across all segments

Maritime

37% of commercial traffic in international waters

Crew calling
Fisheries mgmt
Man-overboard
High Speed Data
SSAS

Subscribers up 26%

Aviation

17,000+ aircraft equipped

Flight following
Cockpit communications
Air safety services

Subscribers up 48%

Government

~32,000 DoD subscribers

Over-the Horizon
Netted
Blue Force
Tracking
Unattended
Sensors

Subscribers up 6%

Land/Mobile (Handsets)

197,000+ commercial voice subscribers

Disaster
Emergency/rescue operations
In-Network calling
Regional Pricing
Quality Guarantee

Subscribers up 30%

Machine-to-Machine (Asset Tracking & Telemetry)

Low latency, and low cost critical global applications

150+ applications
Fleet management
Container tracking
Oil and Gas telemetry
Oceanographic data

Subscribers up 157%

Note: Subscriber growth reflects growth from 2Q07 to 2Q08

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Iridium is Investing

- In Our Current Business . . .
  - Employees & Processes
  - New Products & Services
  - Gateway Evolution & Constellation Health
  - Opening New Countries for Business
  - Obtaining New Standards & Certifications
  - Developing and Promoting our Brand
- Into the Future . . . with Iridium NEXT

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THE NETWORK

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What is Iridium Satellite?

- Worldwide network of 66 operating satellites serving government, armed forces, shipping, fishing, oil and gas, first responder, and construction markets
- Highly reliable communication
- Absolute global coverage
- Uniform operation

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Iridium Network Capabilities

- Pole-to-pole coverage
- Satellite based mesh network
- Requires only one gateway
- No reliance on regional infrastructure/ground routing
- Satellite diversity assures high probability of access
- Security ensured through digital network
- Minimal call set-up time and low latency

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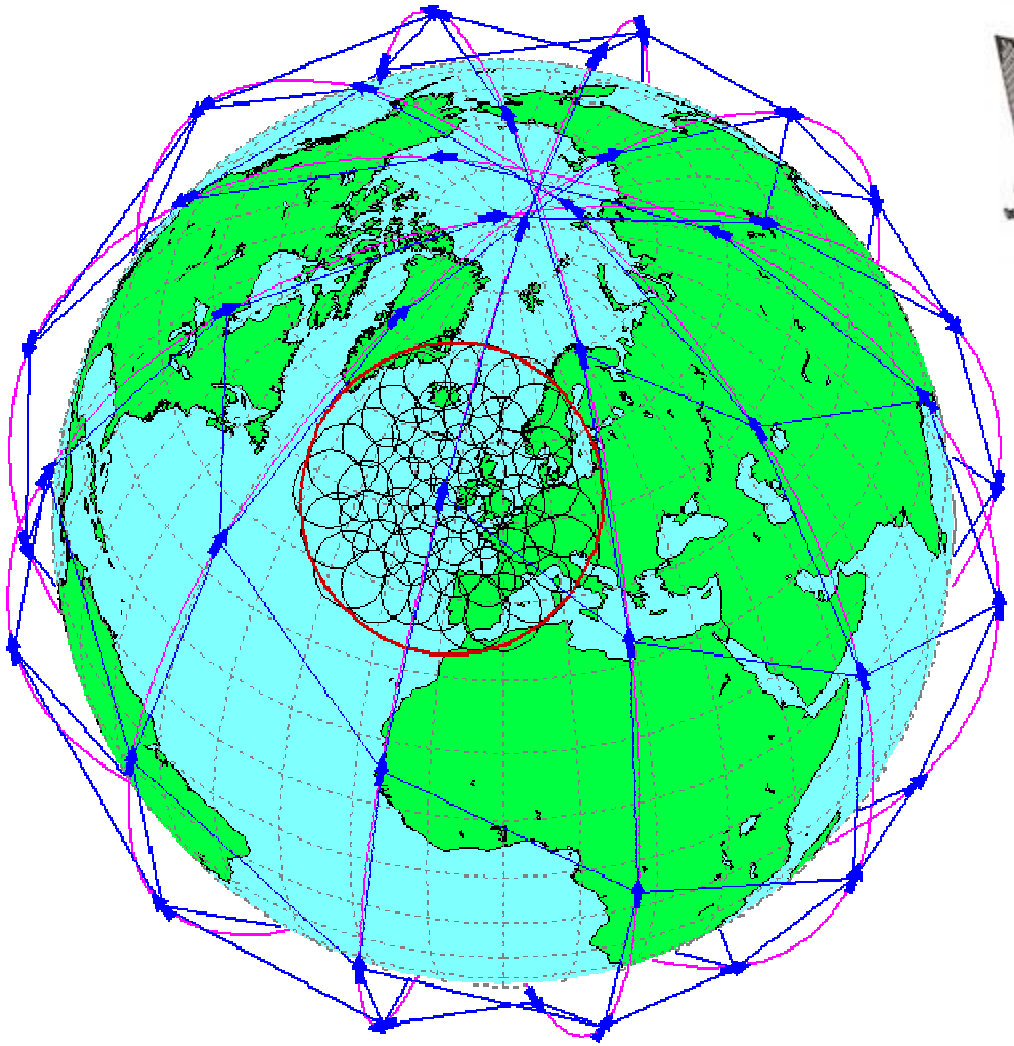
Constellation Overview



- 66 operational satellites
  - 6 planes – global coverage
  - 11 satellites per plane
- LEO - 485 miles (780 km)
- Cross-linked
- 48 spot beams
  - 16 spot beams per panel (3)

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Iridium System - Gateways (GWs)

- One commercial Gateway provides global connectivity
  - Tempe, Arizona
- DOD Gateway in Hawaii supports US Government traffic
- All gateways support voice and data services
- Connect SVs with ISUs and PSTN lines
- Maintain ISU equipment and subscriber information
- Generate call distribution records for billing

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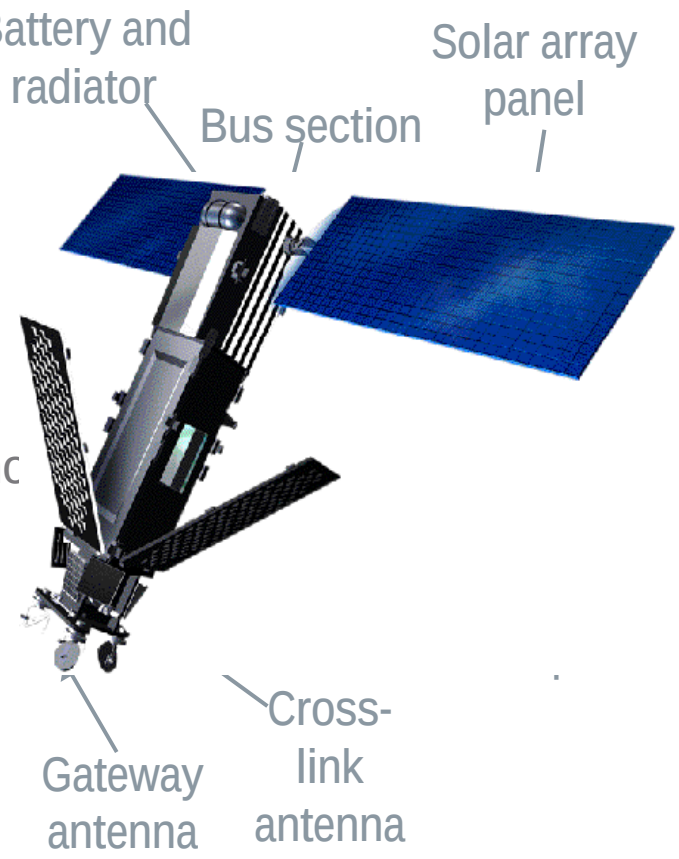
Iridium System - Space Vehicles

- Approximately 14 ft (4.3 m) long
- Three principal sections
  - Bus – platform for SV operations
  - Payload – Provides all command, control, and communications functions
  - Main Mission Antennas – Provide L-band telepho functions
- Constellation remaining life estimate - 2016
  - Aerospace Corporation Study
    - Critical Component Evaluation
    - Failure Trend Analysis



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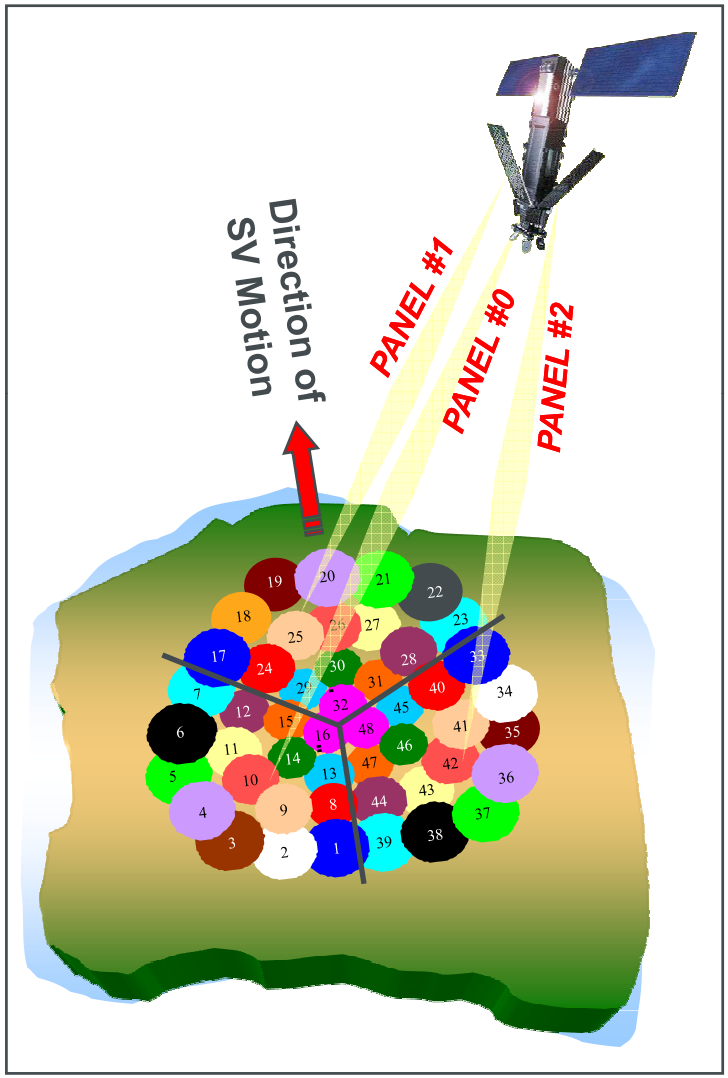
Iridium System - Space Vehicles

- Each satellite has 48 spot beams
- Each satellite footprint is approximately 2800 mi (4500 km) in diameter
- All satellite footprints overlap
- Size of each spot beam is approximately 250 mi (400 km) in diameter
- All spot beams overlap
- A particular spot beam supports each call briefly
  - Beam-to-beam handoff
  - Inter-SV handoff



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Iridium System - Control Facilities

- Centers for commanding and monitoring SVs
- Consists of
  - Satellite Network Operations Center (SNOC) – Leesburg, VA
    - Commercial traffic
  - Technical Support Center (TSC) – Chandler, AZ
    - Lab & testing ground prior to major network uploads
  - Back-Up Operations Center (BOC) – Chandler, AZ

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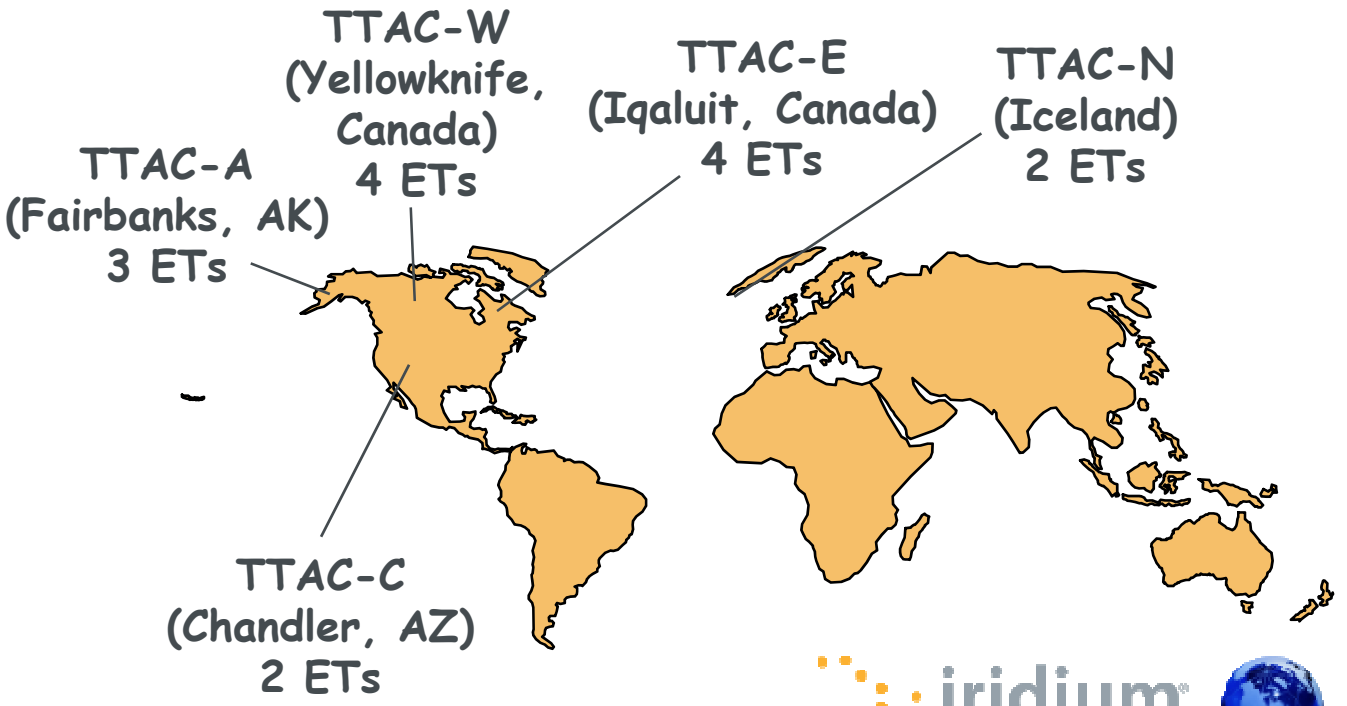
Tracking, Telemetry And Command Sites

- Remote antenna farms

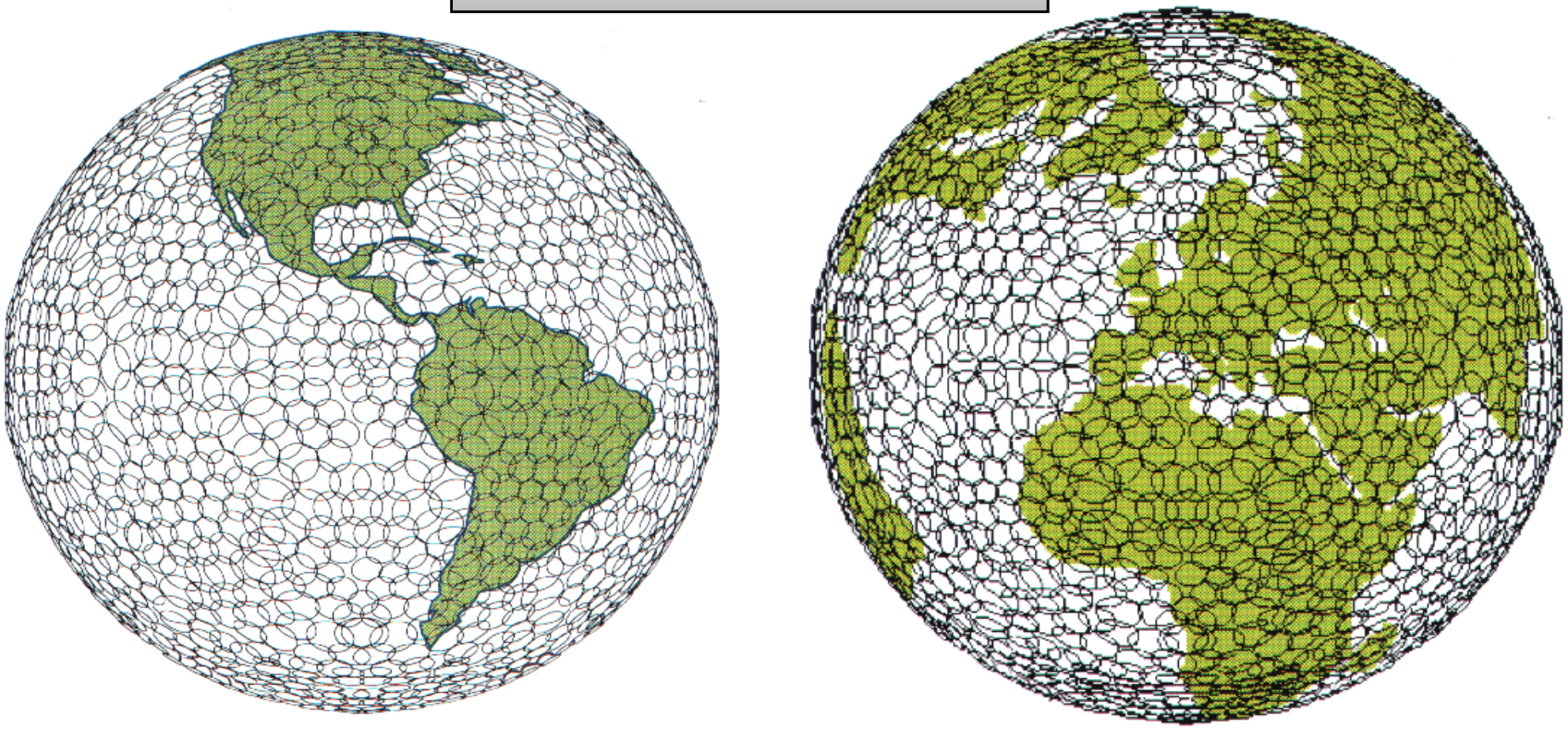
- Connects SVs to CFs (SNOC) for telemetry monitoring and commanding
  - Messaging uploads are conducted through TTACs

Earth Terminal



L-band Beams Provide Global Coverage

Iridium … Everywhere!



Iridium's Fully Meshed Orbiting Satellite Network Provides
An Interconnected L-band "Canopy Over the Earth"

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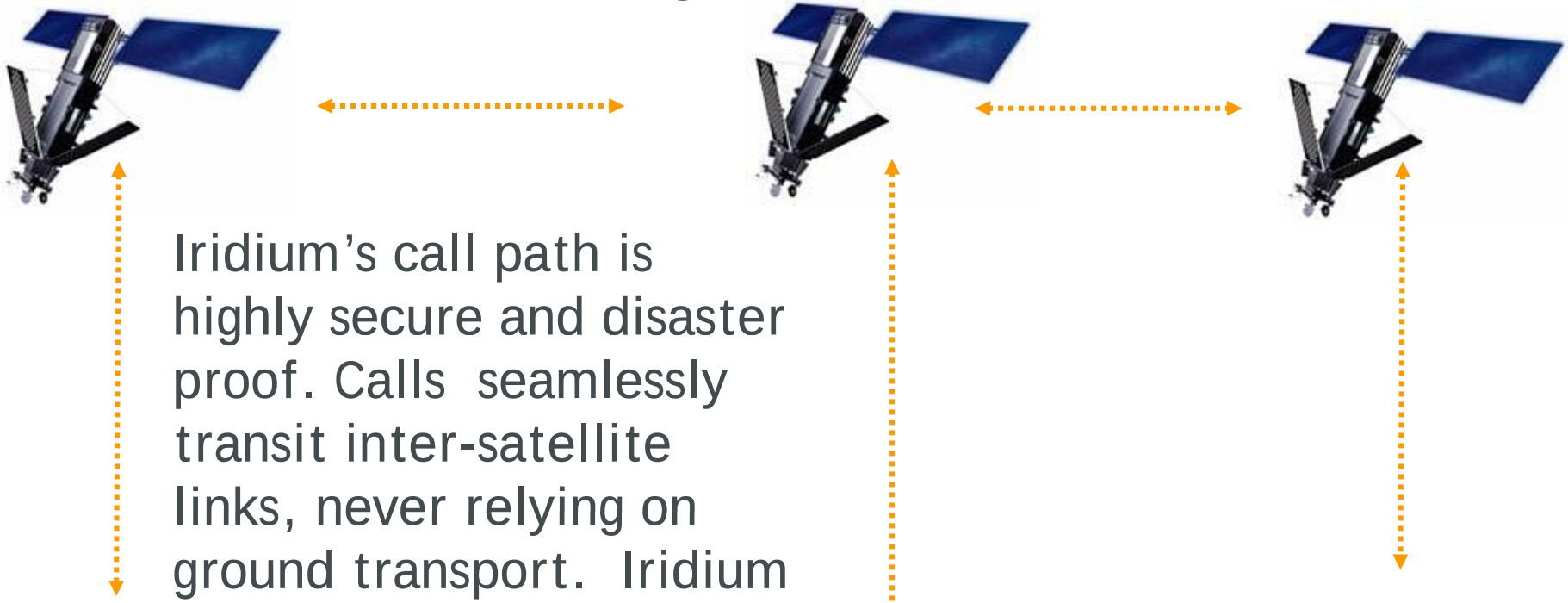
Iridium Call Routing



Iridium's call path is highly secure and disaster proof. Calls seamlessly transit inter-satellite links, never relying on ground transport. Iridium to Iridium calls go directly from satellite phone to satellite to phone.

Iridium Handset

Iridium Gateway
Tempe, Arizona

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What can you do with Iridium?

- Secure Communications
- Connect to a PBX; in-building communications
- Asset Tracking / Monitoring
- Unmanned Aircraft Control
- Collect Oceanographic Data
- Remote Monitoring- SCADA Applications
- Container Tracking
- Collect upper-air data for weather/condition reporting
- Flight Tracking / Data Reporting
- Maritime Tracking / Data Reporting
- SSAS compliance
- Water Monitoring
- Emergency Preparedness

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TRAFFIC GROWTH

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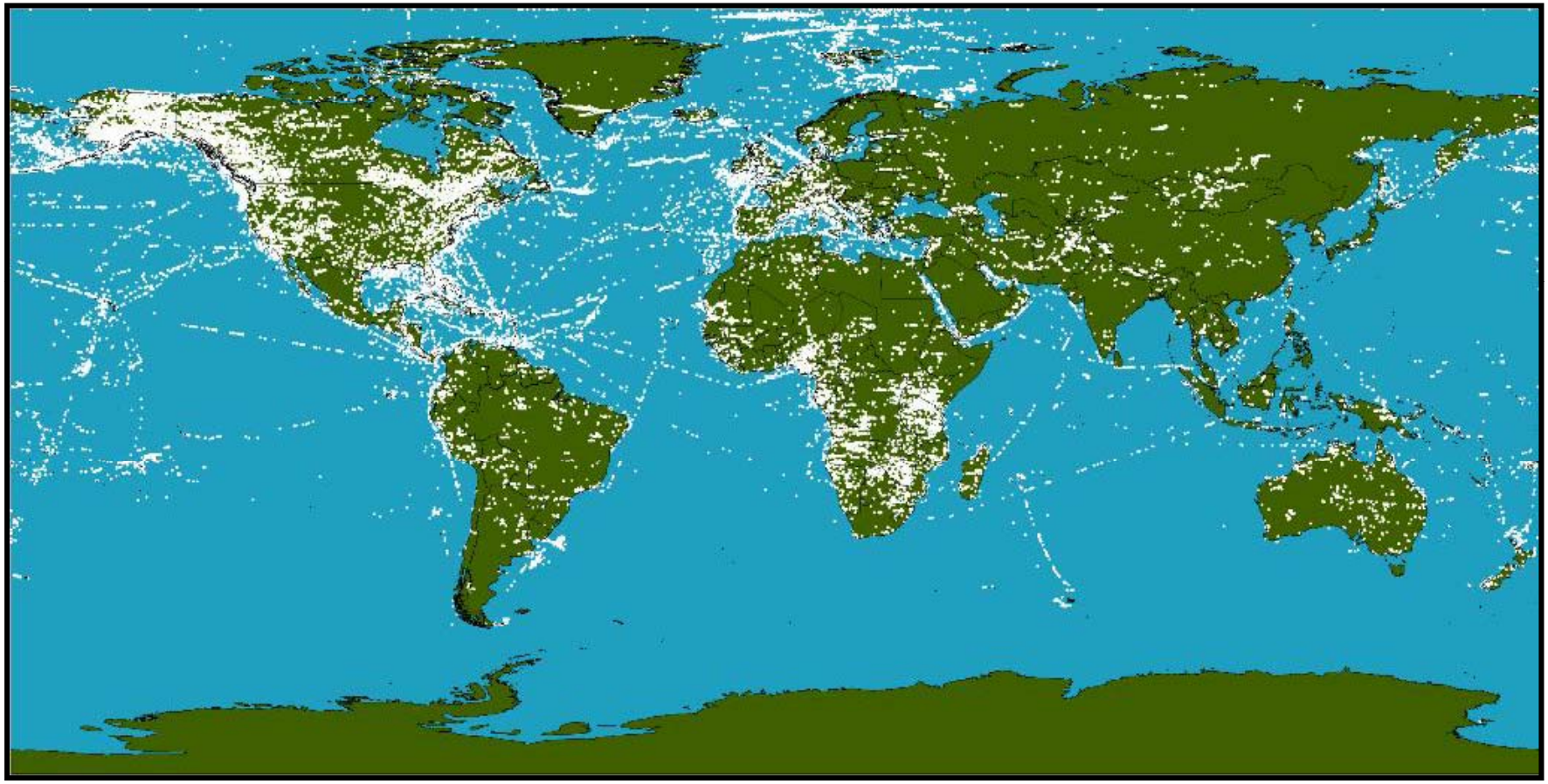
July 2001 World Voice and Data Traffic



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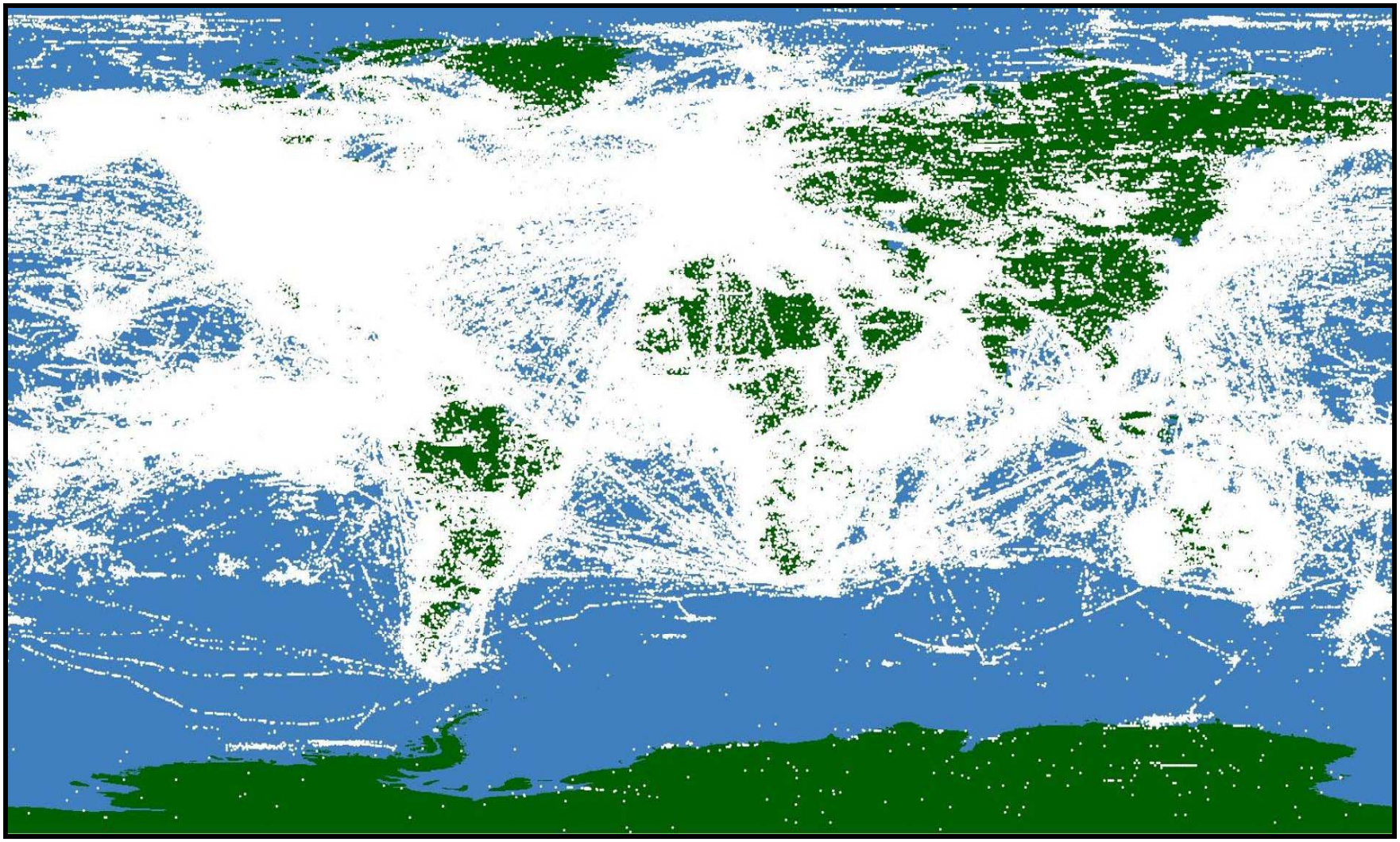
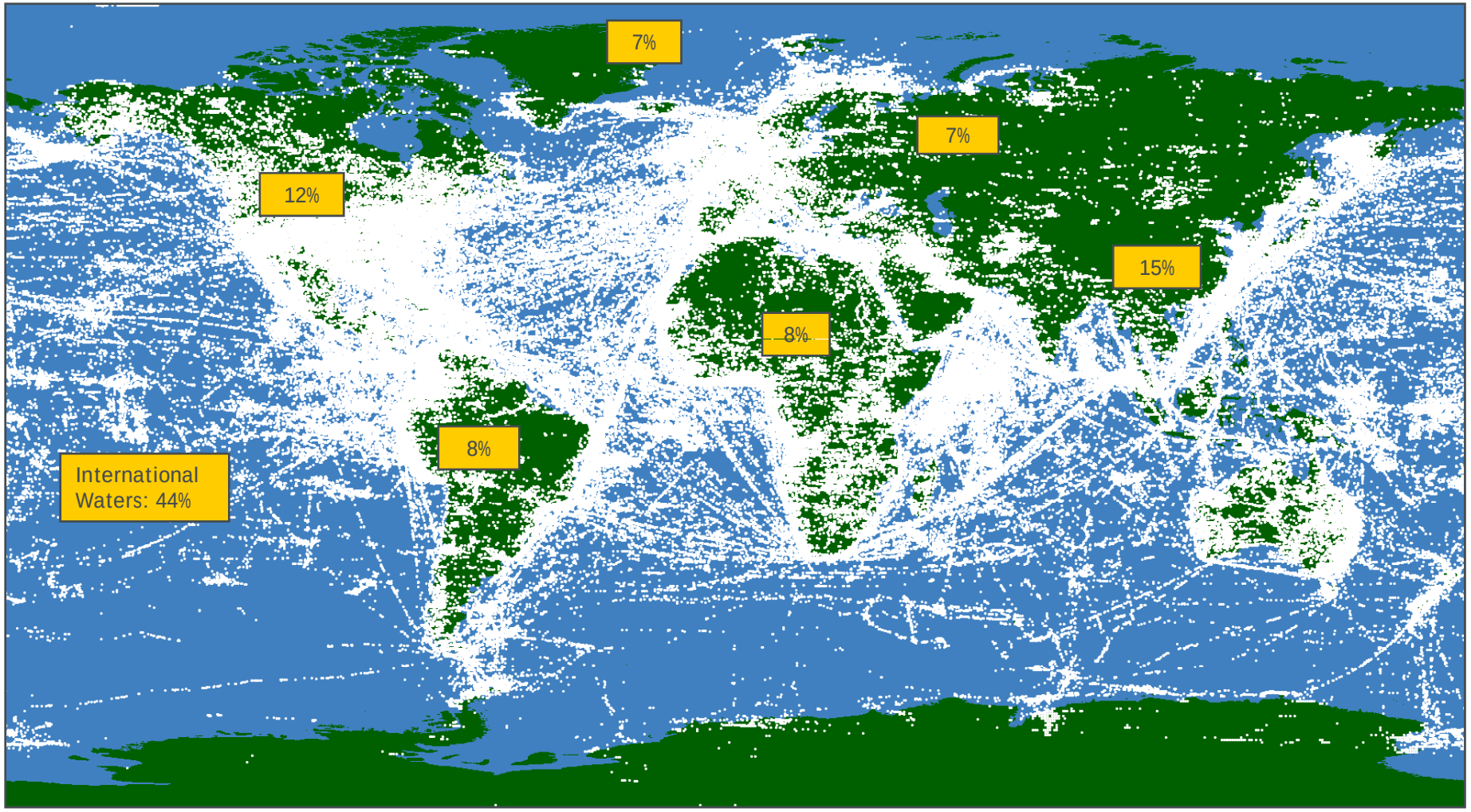
July 2008 World Voice and Data Traffic



Geographic Traffic Distribution



US Growing more in 2007, but growth is across the world

Note: Commercial voice or data originations in the month of August 2007

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NETWORK EVOLUTION

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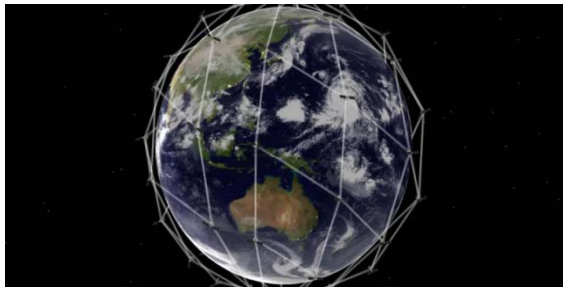
Iridium NEXT — Our Second Generation

- Iridium has begun plans to replace current constellation
- Launches to begin around 2014
- Maintain unique attributes – 66 satellite LEO architecture, inter-satellite links, global coverage, security, availability
- Backward compatible for existing customers
- Leveraging improved data speeds, subscriber technology, core technology improvements in batteries, processors, solar cells to provide a design to cost solution with enhanced services
- Platform for globally interconnected secondary payloads



New Enhanced Services

- Flexible allocation of bandwidth
- Voice 4.8 Kbps
- Data services (9.6 Kbps to 1.5 Mbps)
- Broadcast and Netted services
- Transportable Ka Band; up to 30 Mbps service
- Private Network Gateways

NEXT offers new high performance global services;
Exciting new communications platform for space applications

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Current vs. NEXT Products Summary

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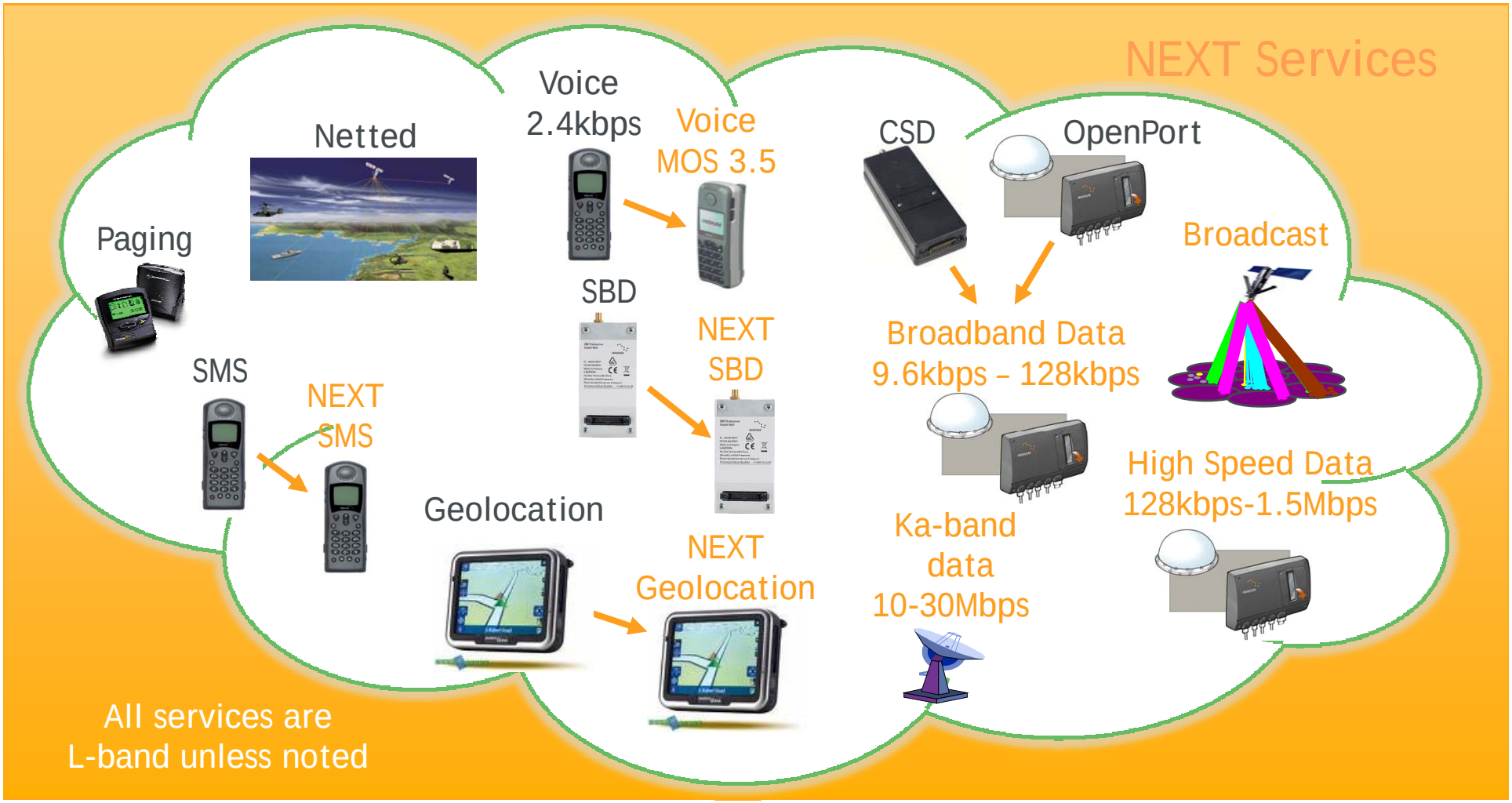
Current vs. NEXT Services Summary



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THANK YOU

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