SkyWave

SkyWave IsatM2M and DMR-800D



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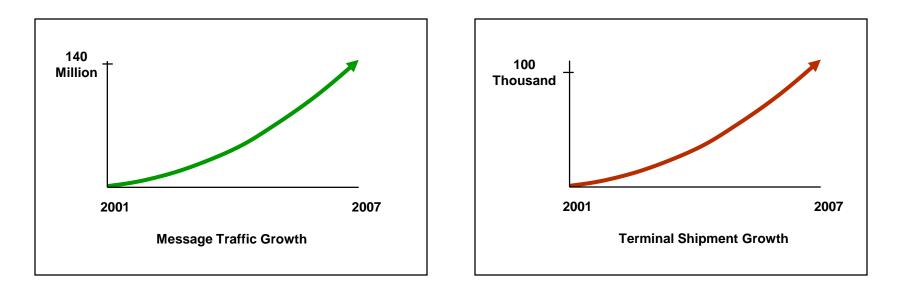
Who Is SkyWave...



- Pioneer of low-cost global telematics
 - 10+ years experience operating D+ network
 - Part of the initial team who designed D+ with Inmarsat
 - Delivering 6th generation of reliable, low-cost terminals
 - Part of the team who designed IsatM2M based on D+ success
- Privately held with stable financial operation
- Headquarters in Ottawa, Canada
 - Sales offices in Mexico, Brazil & Hong Kong
- 70 employees
 - Direct support in English, Spanish, Portuguese, Chinese, others

The Leader by Performance SkyWave

By Quality and Quantity, the Global Leader in D+ Terminals and Network Services



Proven, Experienced, Stable & Reliable

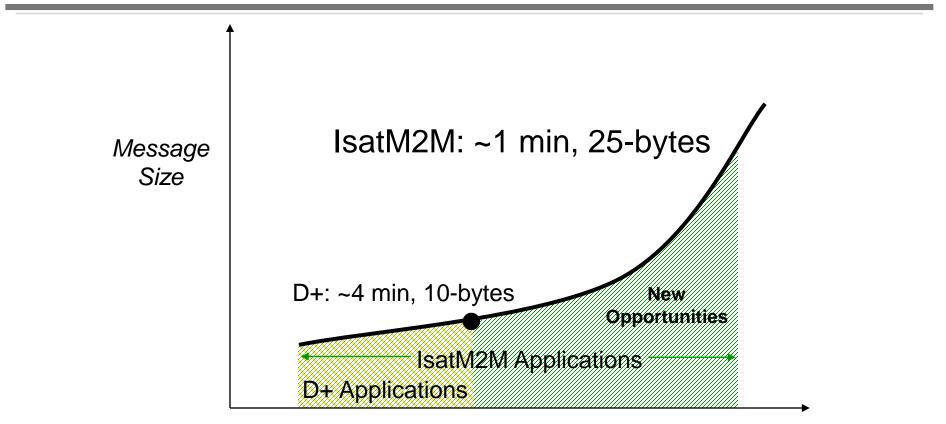
The Keys to Our Success



- Global Network of Value-Add Partners
 - Over 170 Channel Partners
 - Over 45 Countries served

- High quality, rugged, reliable products
 - Less than 1% failure rate, 5th-gen DMR-200
 - Reliable, consistent satellite service worldwide

Working with Partners in Mutual Success



Message Delivery

IsatM2M creates new opportunities, enhances existing applications. Greater responsiveness

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Helping Your Business Grow SkyWave

Reliable SkyWave D+

- Vehicle tracking (AVL)
- Vehicle security
- Canned messaging
- Fishing buoys
- Environmental buoys
- SSAS
- VMS
- Low-end SCADA
- Container tracking

Reliable + Responsive SkyWave IsatM2M

- Enhanced vehicle security
- Freeform text messaging
- Mid-range SCADA
- Advanced fishing & environmental buoys
- Leisure marine

+ Flexible Satellite/GPRS

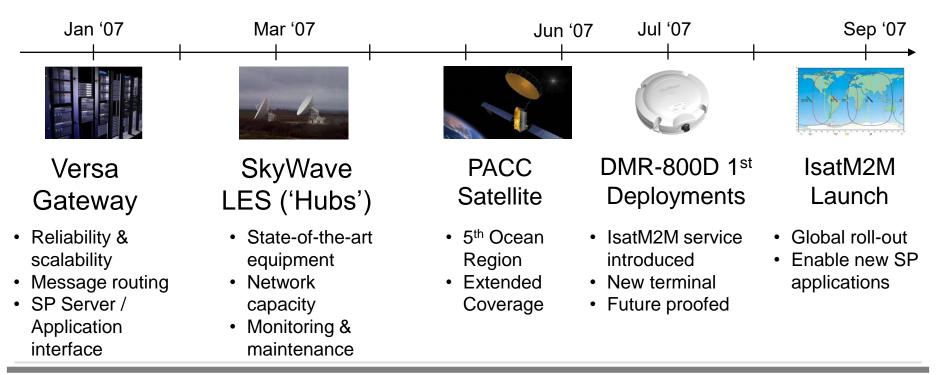
- Real-time logistics
- Driver monitoring
- Maintenance services
- Operations analysis
- Urban and remote operation
- Reliable backup communications

SkyWave solutions leverage your D+ investment to expand into new business and applications



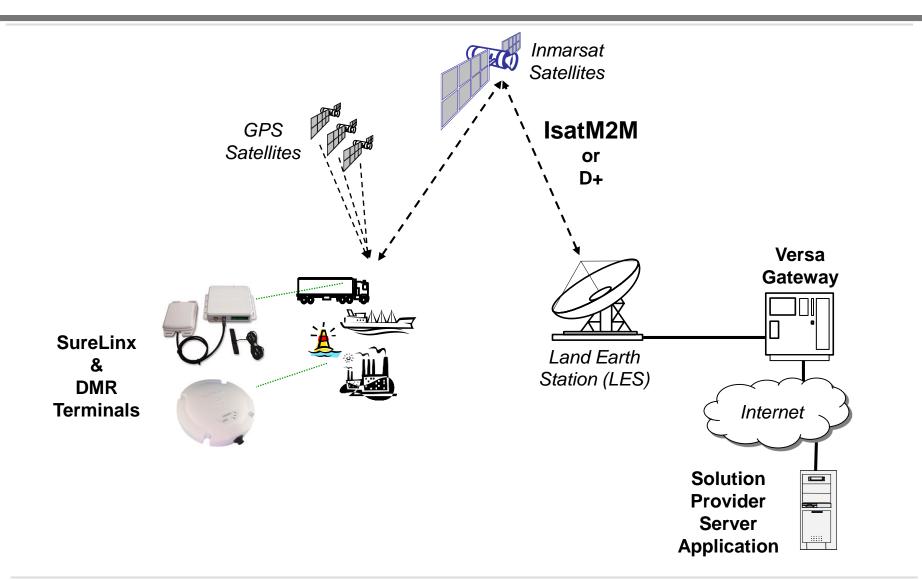
Investing in Responsiveness SkyWave

- Purpose-built infrastructure for SkyWave D+ and SkyWave IsatM2M
 - Independently operated network
 - More data, faster with SkyWave IsatM2M



SkyWave IsatM2M





New Products



- SkyWave IsatM2M
 - New enhanced service based on D+
 - 4x improved latency
 - 2.5x data payload capability
 - Over 2x low-power savings
 - More data faster = Responsive Service

DMR-800D

- Evolution of DMR-200D
 - Better antenna performance
 - 2x low-power efficiency
 - 2x processing power for feature enhancements
- More flexibility = Responsive Applications

SkyWave IsatM2M and D+

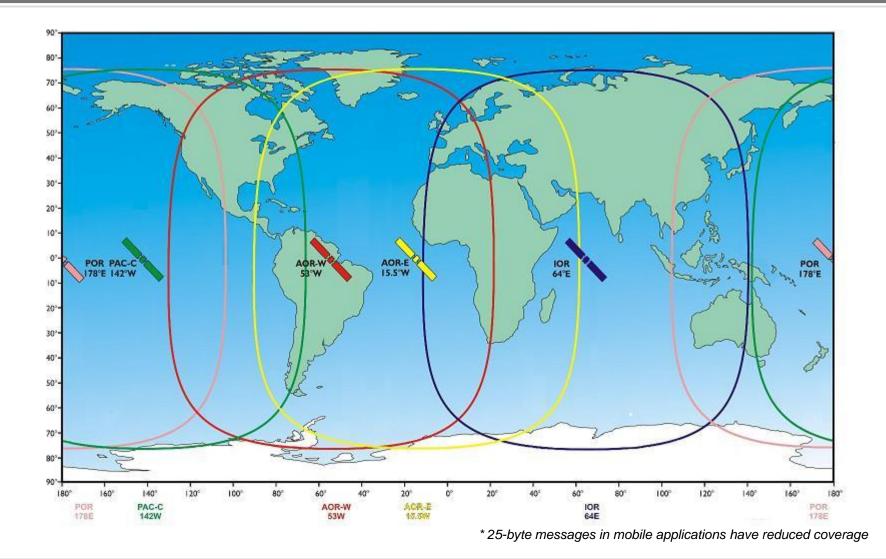


Feature	D+	IsatM2M
Frame size	2 min	30 sec
To-terminal message latency	5 min	1 min
Round-trip latency (poll/response)	6 min	1.5 min
Wake-up time to send message	5 min	45 sec
From-Terminal message size	10 bytes	10 or 25 bytes
To-Terminal message size	Up to 100 bytes	Up to 100 bytes
Coverage	Global	Global
Battery life* when sending 1 msg/day	12 months	Up to 24 months

SkyWave D+ strong service base for existing applications; SkyWave IsatM2M extends to new business opportunities

> Performance may vary with busy traffic periods * 12V, 8.5Ah battery based on alkaline C cells

SkyWave Network Coverage SkyWave



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DMR-800D Satellite Terminal SkyWave

Integrated

- Satellite modem
- Antenna
- GPS receiver
- Script engine
- Input/Output (4)
- Geo-fence
- Data logger
- Visual diagnostic LEDs

Rugged Construction

- Durable plastic
- Water resistant
- 40C to + 70C operating
 - temperature range
- IP-56/NEMA-4X

Enhanced Performance

- 5 degree elevation angle
- 50% Lower sleep current
- 2x processing power

Compact • 160 mm diameter

• 55 mm

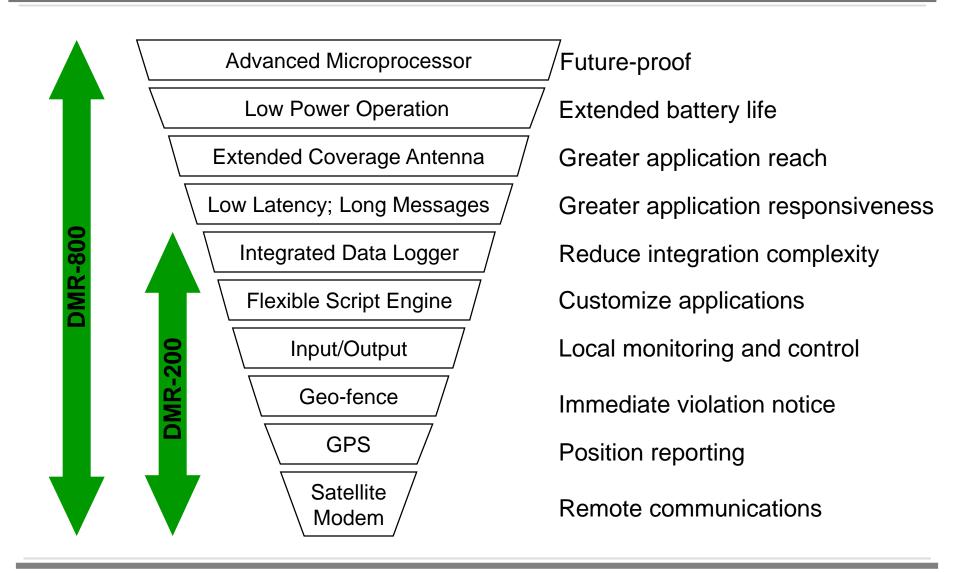
height (D)

Connector Access

• Side

Bottom

DMR-800D Features & Benefits SkyWave

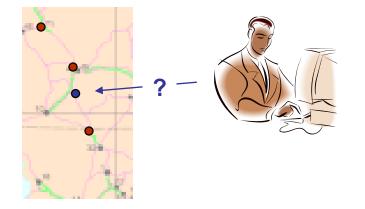


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Low Latency Benefit for AVL SkyWave

- Security applications
 - Faster response in mission critical situations
 - Lock doors
 - Block engine
 - Dispatch police
- Tracking applications
 - Fast-response polling
 - Enables near real-time tracking



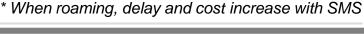


Large Message Benefit for AVL

- Tracking Applications
 - More position reports for lower total cost



- Up to 33 characters from driver
- Up to 133 characters to drivers
- Broadcast capable
- Better coverage than SMS*
- Often lower cost than SMS*



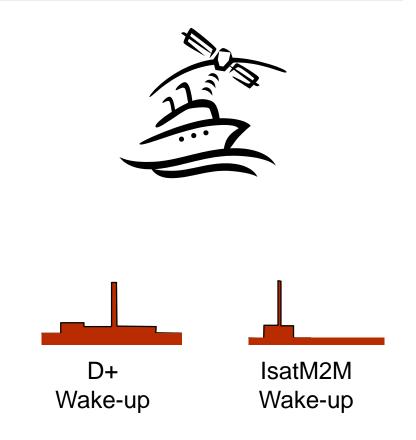




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Low latency benefit for Marine SkyWave

- Query ship between position reports
 - 'Ping' response in almost 1 minute
- Efficient power use
 - Faster to send when waking up from sleep
 - Stay awake less time for to-terminal message



Text Messaging

- Up to 33 characters from ship
- Up to 133 chars. shore-to-ship
- Ship-to-ship, broadcast options
- Often lower cost than SMS*

Large Message Benefit for Marine SkyWave

Buoys

More accurate information for fishing or weather detection

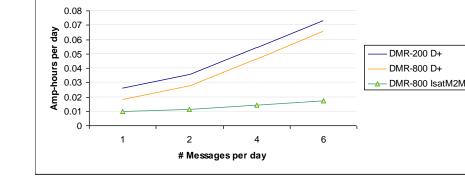




Buoys 0.08 Extends service life 0.07

Low power benefit for Marine

Reduces primary battery cost



Low Power Consumption Comparison

Ships

- Tracking continues longer if power fails
- Reduces backup battery cost



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Low latency benefit for Fixed SkyWave

- Near real-time data
 - More measurement and monitoring accuracy



- Control systems
 - Low-cost SCADA
 - Remote maintenance
 - Mission-critical applications



Accurate monitoring

- More data per report
- Faster, lower cost than sending 2-3 messages

Large Message Benefit for Fixed

Up to 25% lower cost

 Consolidate multiple small reports





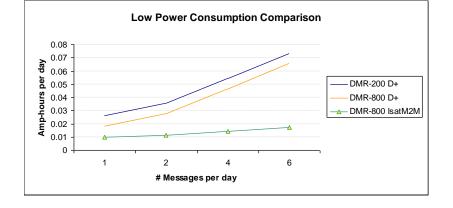
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Low power benefit for Fixed

- Rechargeable units
 - Smaller, lower cost solar panels

- Primary battery power
 - Lower cost battery
 - Less maintenance = lower operating cost











- SkyWave D+ continues to operate and provide high quality of service and reliability
- DMR-200 D series terminals continue to be sold and to support existing applications
- Firmware upgrade will enable DMR-200 D series terminals to support IsatM2M
- DMR-800 is an enhanced satellite terminal
 - Enables IsatM2M and D+
 - 100% compatible with D+

Upgrading to Support IsatM2M SkyWave

- DMR-200 "D series" (D/L/S/OEM) continue to support SkyWave D+
 - DMR-800D is enhanced for new business opportunities
 - Free firmware upgrade to support IsatM2M (activation charges apply) available towards end of 2007
- SureLinx 8100 continues to support SkyWave D+
 - Free firmware upgrade to support IsatM2M (activation charges apply) available Sep 2007

Summary



- SkyWave IsatM2M enhances D+ applications
 - 4x improved latency
 - Over 2x low-power efficiency
- More data, faster = more money from applications
 - Larger payload: from Monitoring to Logistics
 - Improved latency: from Measurement to Control
- SkyWave IsatM2M builds on your D+ business
 - Preserves your DMR-200 and SureLinx investments
- SkyWave D+ and DMR-200 D series terminals continue to support your existing applications