UNIVERSAT
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GLOBAL SATELLITE COMMUNICATIONS

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IRIDIUM Burst

One-to-many global data broadcast service

M2M

Iridium Burst is the first '**one-to-many**' **M2M** global data **broadcast service**,making it possible to transmit data to millions of enabled devices at a time. The new low-latency service can transmit data globally via the robust Iridium network and with transmissions that can even be received indoors.

Sample Applications

- Alert Networks – Warning systems for impending natural disasters or atmospheric events, government announcements.
- Private Networks – Global corporate communications, outdoor advertising updates, traffic alert systems, M2M applications.
- Command and Control – Field unit communications, location updates, air marshal briefings.
- Content Services – News, weather, sports, stocks.
- Major Transmission – Software updates, differential GPS.

Features and Benefits

- **Broadband Data**
  High powered data transmission reaching thousands of devices with near real time delivery, in often less than 20 seconds.
- **Through Easy to Use**
  The ability to send one transmission to thousands of devices simplifies the management of message delivery, especially to high device-density locations.
- **Increased Efficiency**
  Iridium Burst can transmit data in any format desired and the stealth mode option allows enabled devices to be configured as receive-only so that no transmissions are made
- **High Penetration**
  Data penetrates buildings, obstructions and weather to reach enabled devices
- **Secure**
  Customer-defined closed user groups ensure that only authorized devices may see the data received.
- **Lower Costs**
  Delivers data to an unlimited number of enabled devices within a targeted geographic region at a fraction of the cost of comparable services..
- **Receivers**
  Iridium Burst service receivers are small, light and meet many environmental standards; the Iridium 9602-based Iridium Burst enabled device, followed by an Iridium 9603-based device.
- **Easy to Use**
  The system is easy to setup and operate; just plug in a laptop or PDA, or use the Bluetooth or ISDN interface, point the antenna towards the BGAN satellite.
- **Global Coverage**
  The only truly global satellite communications service.

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How Does It Work?

- **Sending a Message**

  Step 1: The sender (person or machine) formats the transmission, specifying recipient group, location(s) data is to be sent, and any optional information.

  Step 2: The Iridium Burst Service receives the transmission, validates the format, and schedules the transmission(s) before sending the data to the Iridium gateway.

  Step 3: The gateway receives the transmission request and sends the data to the appropriate satellite(s).

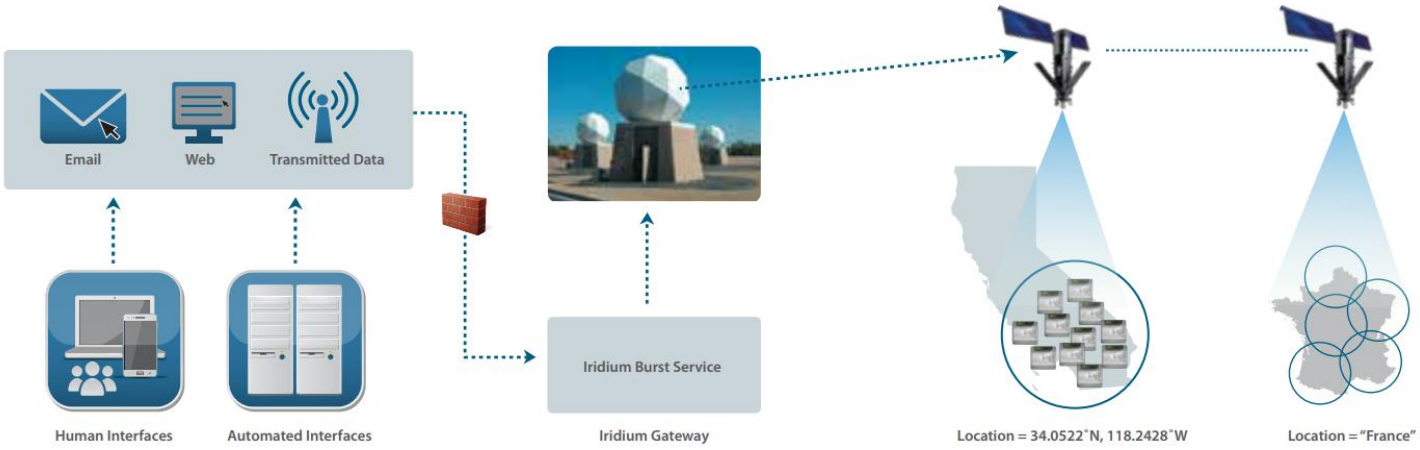
  Step 4: The satellite network receives the transmission and relays the data to the satellite beam(s).

- **Receiving a Message**

  Step 1: All transmissions are received by every Iridium Burst-enabled device in the target geographic area.

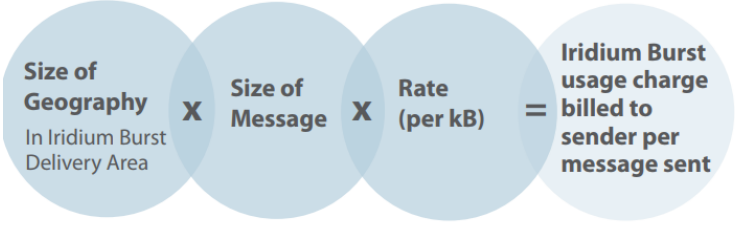
  Step 2: Only those devices belonging to the specified recipient group (i.e. authorized devices) are able to unscramble the message.

  Step 3: The field application pulls the data from the Iridium Burst-enabled device.



Pricing Structure

Usage Charges



Access Charges Usage

Billed Item	One Time Charge	Monthly Recurring Charges	Billed Party
Iridium Burst Device	At Activation, Deactivation	For each month active	Seller/VAR of the Iridium Burst device
Subscription	At Activation, Deactivation of Group	For each month active	Owner of the Subscription Group

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