



Iridium Satellite System

Global Satellite Constellation for voice & data communication

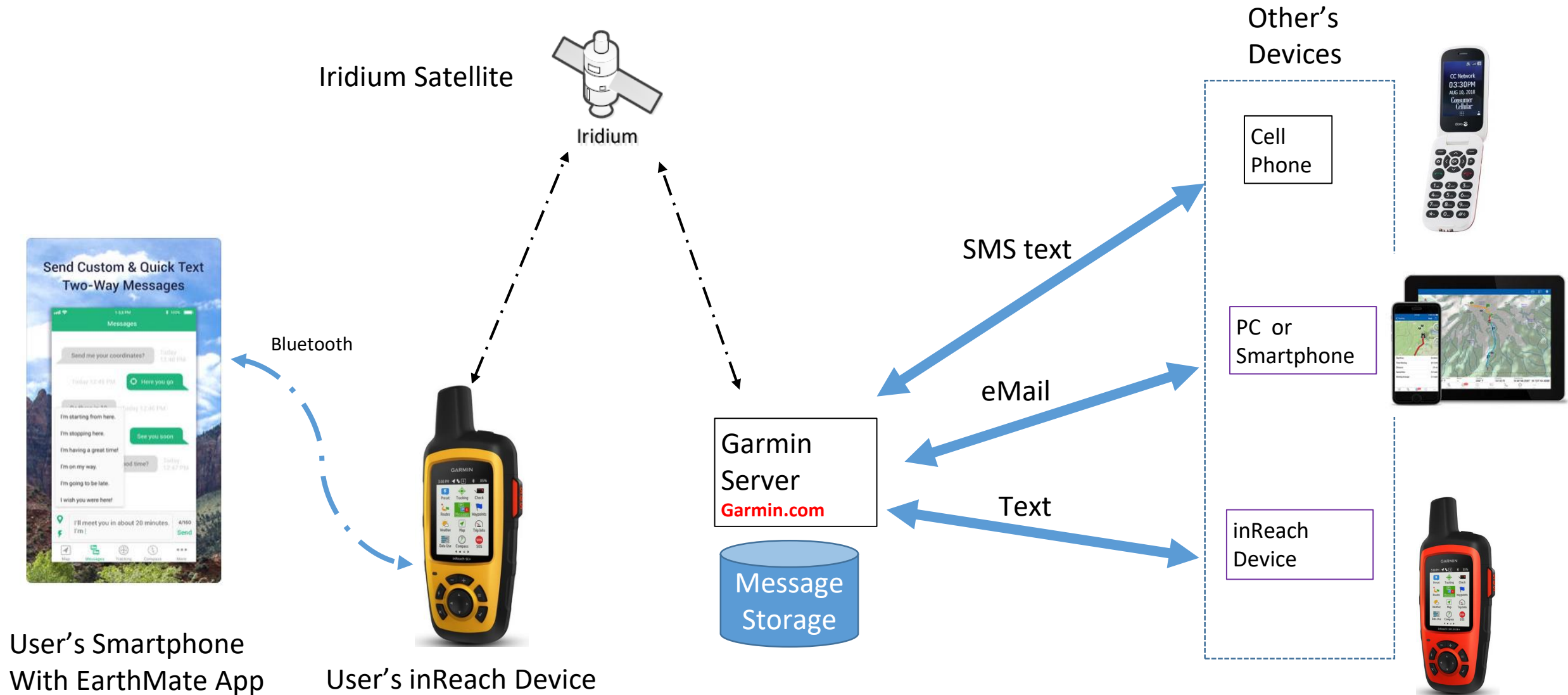
How to connect to it and use it

Iridium Satellite Network



- Constellation of 66 satellites launched in 1998
 - Original company bankrupted 2001
 - New company focused on extreme applications
 - Space based means it works when there is no cable internet or cell towers
- The original 66 satellites have recently been replaced with updated 66
 - Orbit 485 miles (780km) above the earth
 - Provide earth to earth communication thru the satellite network
- Numerous user devices available thru several manufacturers
 - Garmin – handheld, battery powered, text communicators
 - BlueCosmo – handheld and table top devices for voice, text & data
 - Others – others to emerge to use the new broadband capabilities

Iridium / Garmin Interface to Global Networks



Garmin inReach Devices

- **inReach Explorer+** Satellite Communicator w/ Maps - **\$450**
 - full-fledged GPS on-map guidance with preloaded TOPO maps
 - a built-in digital compass, barometric altimeter & accelerometer
- **inReach SE®+** Satellite Communicator - **\$400**
 - uses GPS to provide basic grid navigation
- **inReach® Mini** Compact Satellite Communicator - **\$350**
- All offer
 - identical satellite text messaging capabilities
 - water-rated to IPX7
 - Built-in Lithium battery
- Pair with your Apple® or Android™ smartphone
 - **Earthmate App** allows use all of the inReach features on paired mobile device
 - Access your smartphone's contact list from the **Earthmate App**



Delorme inReach Devices – used

- **Delorme** developed the original **inReach** text devices
 - **Delorme inReach® Explorer** satellite communicator GPS
 - **Delorme inReach® SE** satellite communicator GPS
 - **Delorme inReach® 1.5** satellite communicator
- The Delorme devices work with **Earthmate App**.
- Find on eBay **\$100-\$500 – no warranty no support**



Garmin Iridium Monthly Service Personal Plans

	SAFETY	RECREATION	EXPEDITION	EXTREME
SOS	Unlimited	Unlimited	Unlimited	Unlimited
TEXT MESSAGES*	10	40	Unlimited	Unlimited
PRESET MESSAGES	Unlimited	Unlimited	Unlimited	Unlimited
TRACKING INTERVALS	10 minutes +	10 minutes +	10 minutes +	2 minutes +
TRACKING POINTS	\$0.10 ea.	Unlimited	Unlimited	Unlimited
LOCATION PINGS	\$0.10 ea.	Unlimited	Unlimited	Unlimited
BASIC WEATHER	1 text message ea.	1 text message ea.	Unlimited	Unlimited
PREMIUM WEATHER	\$1.00 ea.	\$1.00 ea.	\$1.00 ea.	\$1.00 ea.
PREMIUM MARINE WEATHER	\$1.00 ea.	\$1.00 ea.	\$1.00 ea.	\$1.00 ea.
Monthly Charges				
ANNUAL/CONTRACT	\$11.95/mo.	\$24.95/mo.	\$49.95/mo.	\$79.95/mo.
FREEDOM PLAN	\$14.95/mo.	\$34.95/mo.	\$64.95/mo.	\$99.95/mo.
Overage Charges				
MESSAGES (EACH)*	\$0.50	\$0.50	N/A	N/A

Cost for 10 text messages per month



Garmin Devices

Delorme Devices



*160 characters

BlueCosmo Iridium GO! Satellite Phone & Wi-Fi Hotspot

for Voice, Messaging & Data with Prepaid BlueCosmo SIM

- **BlueCosmo Iridium GO! Satellite Phone Wi-Fi Hotspot - \$800**
 - Iridium Go! creates a Wifi hotspot with a 100 foot radius
 - linking up to 5 of your devices to the satellites
 - Satellite based voice, text messaging, GPS tracking & e-mail for Apple iOS & Android devices using Iridium Approved GO! Apps
 - Web browsing is limited - Internet speeds are limited to **2.4Kbps**
 - Make voice calls, send emails, or send SMS text messages
 - The GO! will not work with non-GO! applications (e.g., Skype, Facetime, Netflix)
 - MIL-STD 810F & IP65
- **BlueCosmo Iridium Extreme 9575 Satellite Phone Kit - \$1275**
 - Make and receive voice calls, SMS text, track GPS position
 - MIL-STD 810F & IP65



Iridium GO! Monthly Service Plans

Choose a Plan

Min Cost
data plan
per month

5	75	150	UNLIMITED
DATA MINS	VOICE/DATA MINS	VOICE/DATA MINS	DATA MINS
\$52.95/MONTH	\$79.95/MONTH	\$109.95/MONTH	\$134.95/MONTH
INCLUDES	INCLUDES	INCLUDES	INCLUDES
0 VOICE MINS	75 VOICE/DATA MINS	150 VOICE/DATA MINS	150 VOICE MINS
5 DATA MINS	0 TEXT/SMS	UNLIMITED TEXT/SMS	UNLIMITED DATA MINS
0 TEXT/SMS			UNLIMITED TEXT/SMS
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