Solara® Remote Data Delivery
Incorporated

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Tom Tessier, President
Who We Are

- We are a Canadian company who produces equipment and provides services for satellite communication and GPS tracking in every geographical location on the globe.

- Our equipment is field-proven for use in extreme cold and is now the “Gold Standard” in the Canadian Arctic.
What We Do

Solara Equipment and Software

- We build professional-quality handheld Iridium Satellite communication devices with GPS tracking and 2-way text communications that are CE, IP 68, FCC and Industry Canada approved.

- We have a family of Solace software applications that communicate with the handheld devices and provide information to our clients through web browsers, PC applications, mobile telephones and e-mail.

- Our products contain no flammable materials or dangerous goods.
Rugged portable devices excel in operation

- Waterproof – to IP 68 submersion standard
- Works at extreme temperatures (-40°C to +65°C)
- Withstands shock and vibration – Exceeds Military Standard MIL-STD-810G
- Withstands crash test at 70 times the force of gravity (70 g’s)
Cold Operation - Design

- Each complete device is cold-tested prior to shipping.
- Cases are proven not to crack when dropped on hard surface at -40°C.
- Display works at extreme cold temperatures.
Cold Operation - Use

- Cold Weather Kit external battery pack for primary lithiums
- Nylon carry case with open front option – no plastic cover to shatter in the cold
- Direct Connect Kit provides filtered power from vehicle, RAM Mount Bracket for ATV/vehicle/snowmobile mounting
Cold Operation - Use

Solara On Top of the World with the Catlin Arctic Survey

Solara congratulates the Catlin Arctic Survey on achieving the North Pole after a punishing 483 mile (773 km) trek.
Use Case: Mobile Operations

Solution:

- Solara FT2100’s proven antenna design permits use in motor vehicles, aircraft and helicopters WITHOUT the need to install permanent antennas, power cabling and mounting

- The FT2100 is easily set to transmit GPS position as often as once every 30 seconds

- Large keys are operable with gloves on

- Withstands the shock and vibration of operation over hard-packed windblown snow
Use Case: Telemetry Gathering

Solution:

- The built-in USB port can be set up for automatic transmission of data from an external device.

- Extra A/D lines can be used for externally interfacing sensors via optional connector or up to two existing connector lines.

- I/O channels can be used for remote control of devices via optional connector.
Thank you!

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