

# System Overview

- ▶ Sirius compatible indoor signal repeater
- ▶ 2.3 GHz (Sirius band) to 900 MHz (ISM band) frequency translation
  - ▶ TX unit receives Sirius signal via Sirius antenna at 2.3 GHz, down converts it to 900 MHz and re-broadcasts the signal
  - ▶ RX unit receives re-broadcasted signal from TX unit at 900 MHz, up converts it to 2.3 GHz and feeds Sirius radio
- ▶ Ideal for indoor use in the home or office
  - ▶ Each Sirius radio connected to a RX unit can be placed up to 75 ft away from the TX unit
  - ▶ Signal penetrates typical walls, doors, floors etc. found in structures in North America
- ▶ Supports multiple Sirius radios with single TX unit
  - ▶ As long as Sirius radio is connected to a RX unit and is within range of TX unit
- ▶ Works with both indoor and outdoor antennas