Smart Connect
A Communication Link for Peripheral Health Facilities
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Overview
- Communicating with peripheral Health Posts is a challenge
  - No internet
  - Cell phones not reliable
  - Far from health center
- Health Post Data is valuable
  - Information reported daily and weekly
  - Communication essential for ensuring quality of care

Approach:
- Determine the communication needs of rural health facilities
- Learn about current communication processes
- Identify a solution that fits into current processes

Process:
- Collaborate with Seattle-based Global Health NGO PATH
- Spend time in at PATH’s Nicaragua office to learn about real needs
- Develop a solution that takes the current health processes into consideration

Field Research
Health Posts
Data Collection
Data Usage
Cellular Network

Communication Model

Hardware
- Custom Device
- Collaborated with Inveneo, a San Francisco based social enterprise, to build device
- Telit GM862 GSM/GPRS

Software
- Epidemiological Surveillance
- Vaccine Refrigerator Monitoring
- Diagnosis Reports

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