

Regional GSM Pacific Vision



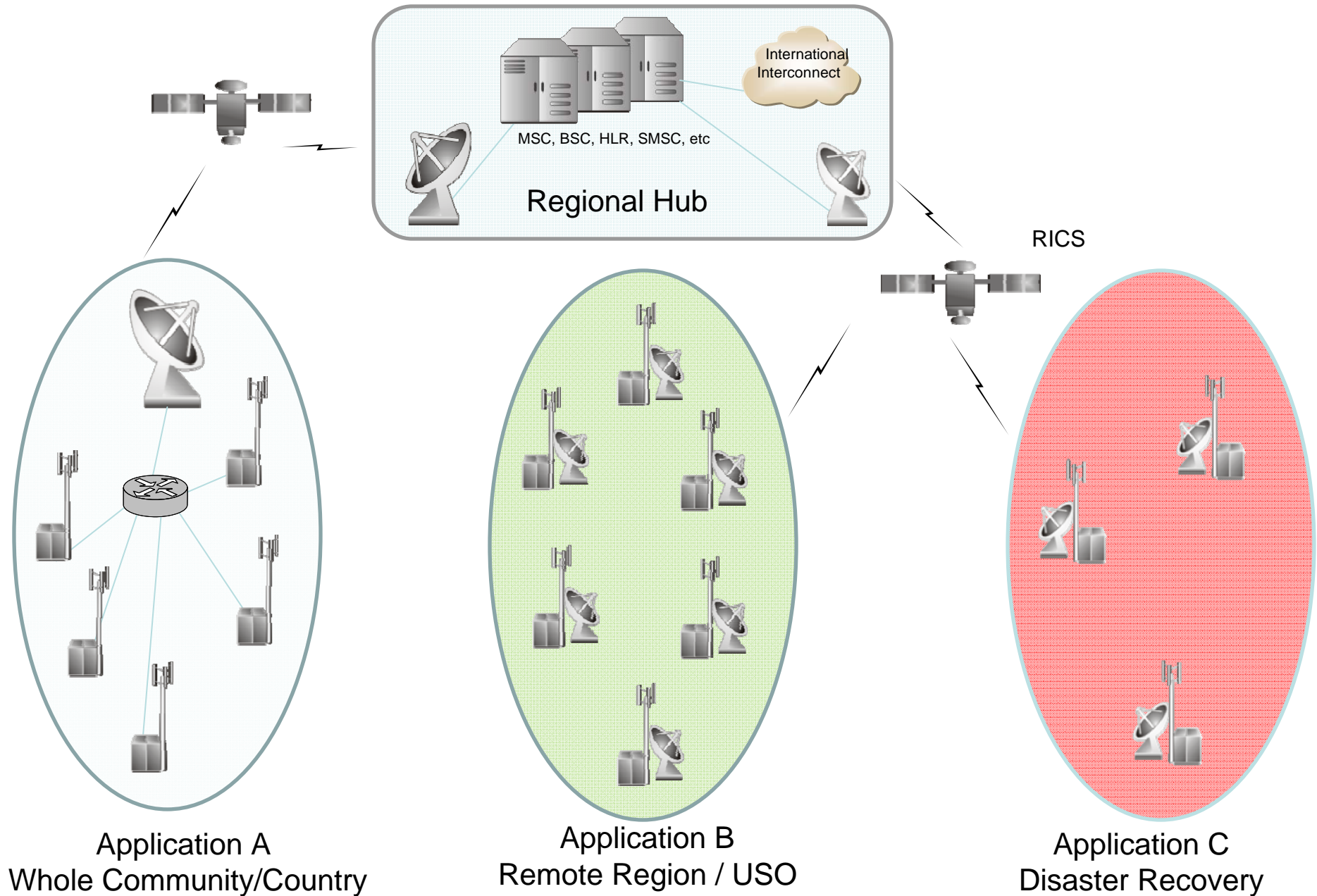
This presentation is about:

- Centrally located Mobile network hub/core for the Pacific region and will assist the enabling of:
 - USO implementation
 - Regional coverage
 - Disaster Recovery
- Integrates with NSN 'Village Connection' & RICs programmes

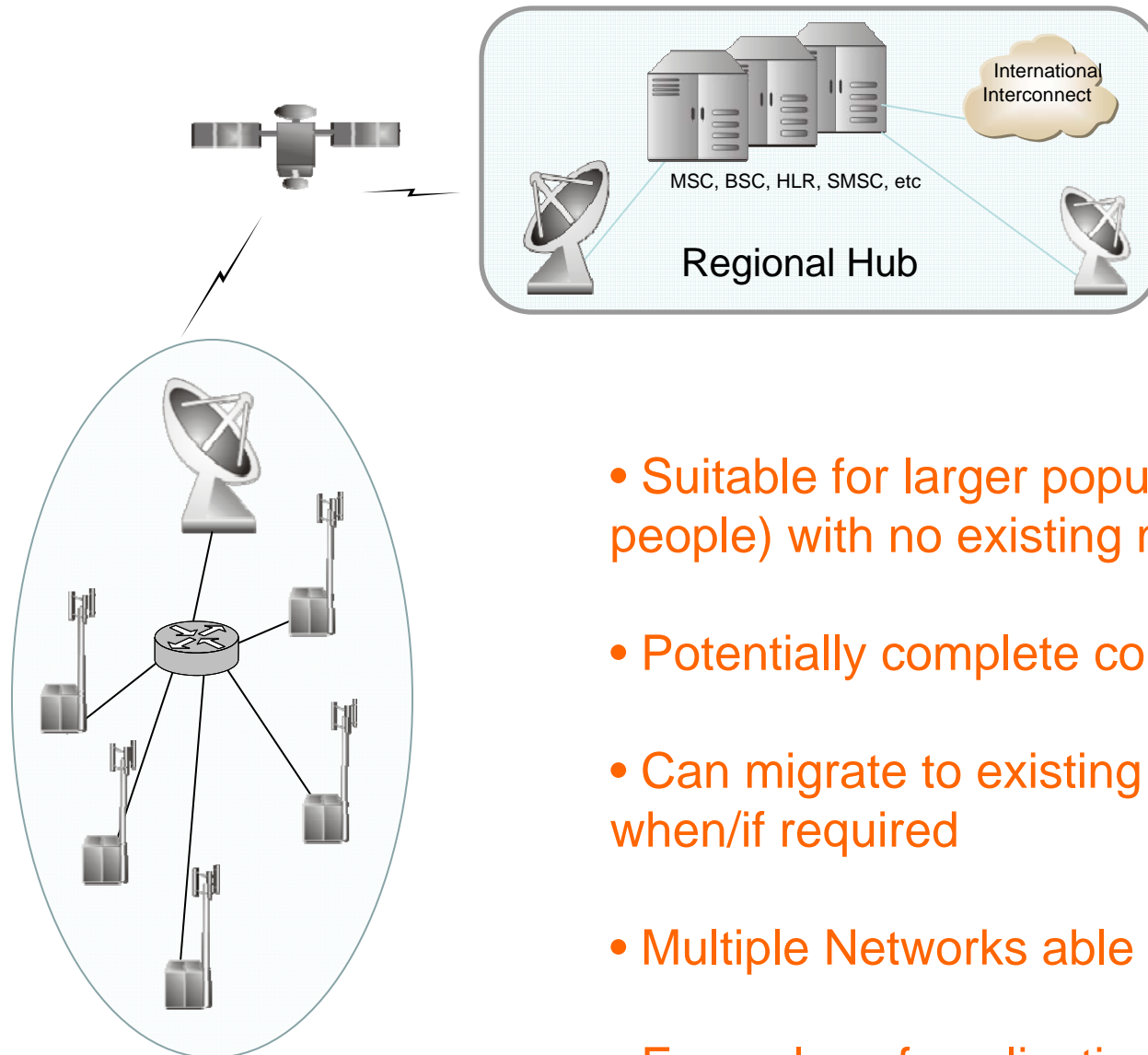
Why not before.....

- Cooperation at regional level
- Vendors
- Operators
- Technology
 - Power requirements
 - Transmission (connecting sites to core network)
 - Local switching
 - Multiple 'countries' within one network

Regional Mobile Communication System



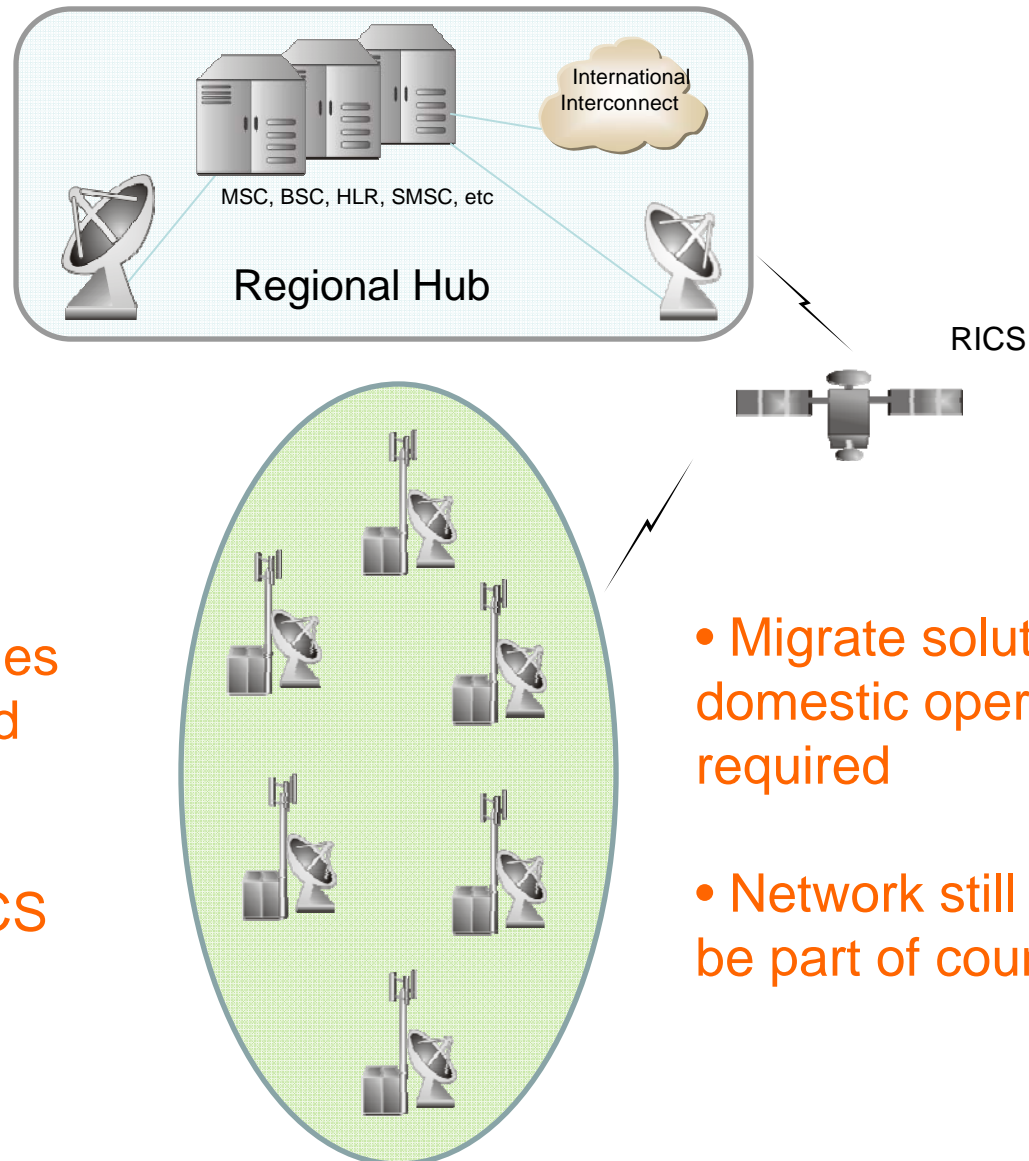
Regional Mobile Communication System



Application A
Whole Community/Country

- Suitable for larger population areas (1000+ people) with no existing mobile coverage
- Potentially complete country mobile network
- Can migrate to existing domestic operators when/if required
- Multiple Networks able to be run at same time
- Examples of application – Nauru, Niue

Regional Mobile Communication System

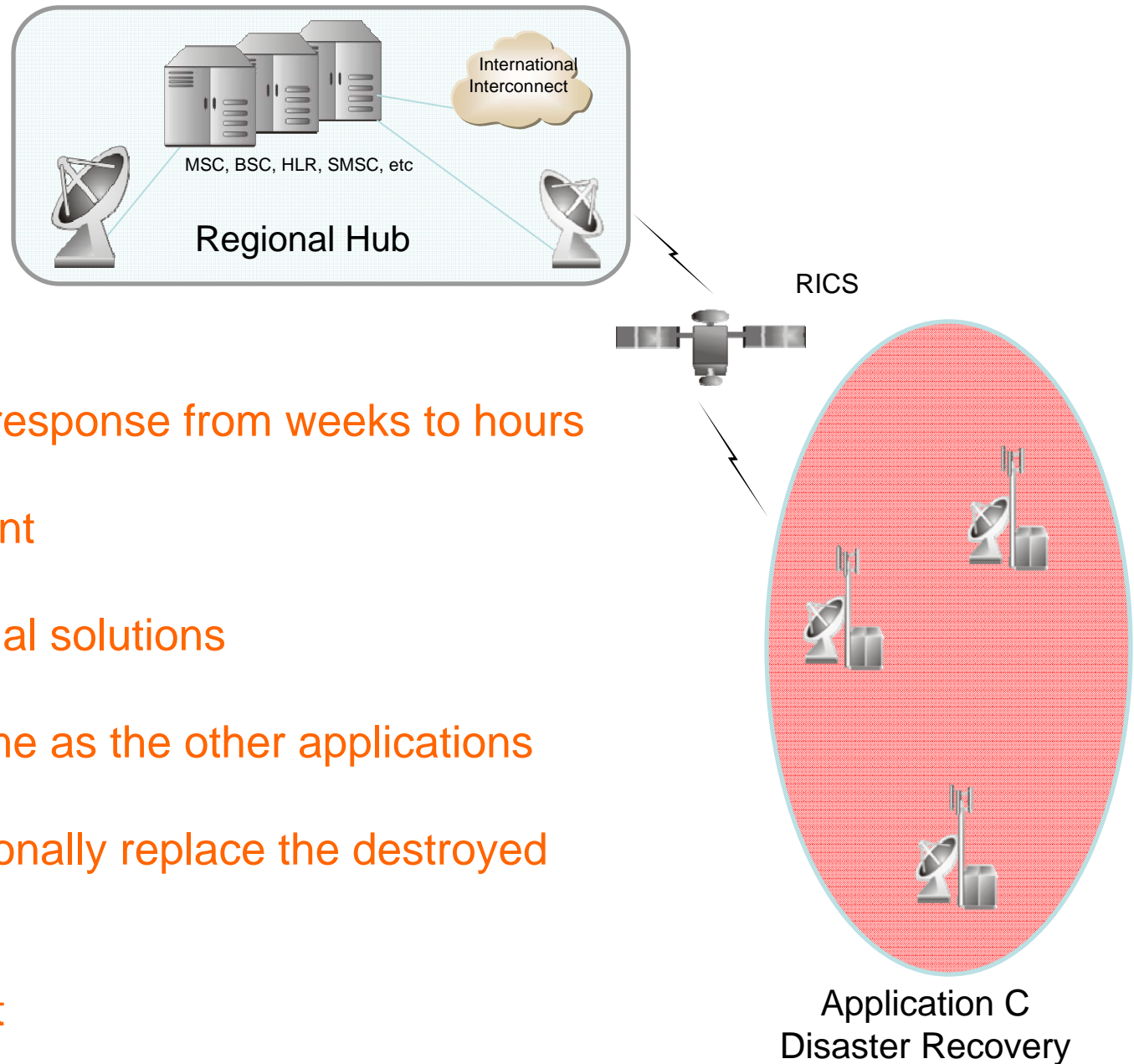


- Solution for countries with small distributed isolated populations
- Integrates with RICS

- Migrate solution to domestic operators as required
- Network still appears to be part of country

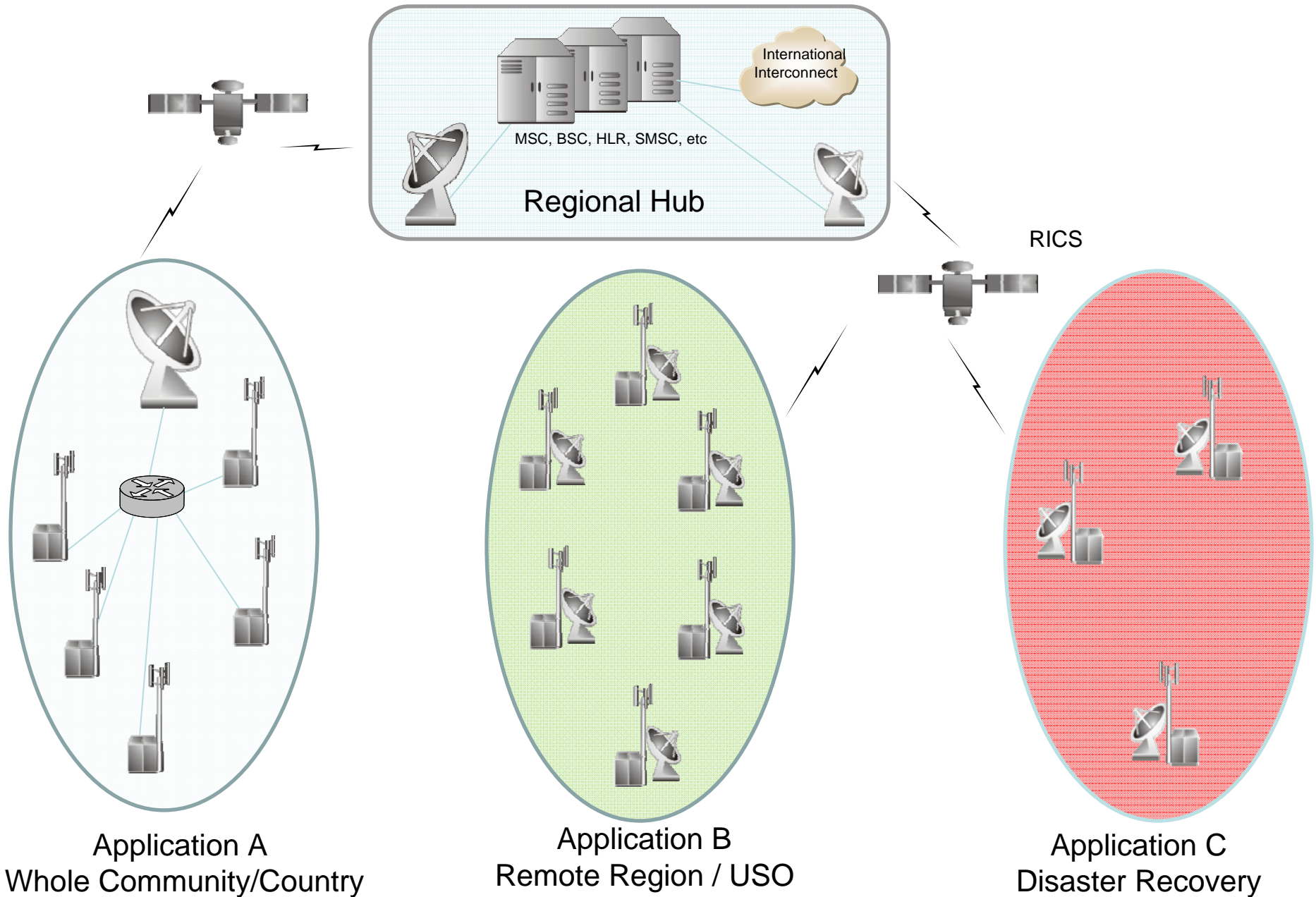
Application B
Remote Region / USO

Regional Mobile Communication System



- Reduces disaster response from weeks to hours
- Simple to implement
- Rethink of traditional solutions
- Technically the same as the other applications
- Actually can functionally replace the destroyed infrastructure
- Modest investment

Regional Mobile Communication System



Project Proposal

- To determine support for a project that
 - Is a GSM version of RICS
 - Managed by SPC
 - To provide GSM Switching and Billing services at cost
 - To provide subsidised coverage solutions for uneconomical sites
 - ‘Owned’ by the Pacific Nations
 - Integrates with other similar projects - RICS

Remote e-Village Demo

- IP connectivity through PACRICS
- Surf the Internet on a laptop
- Wifi hotspot
- VOIP phone & SIP service
- GSM calls

Demonstration of Regional GSM Solution

