

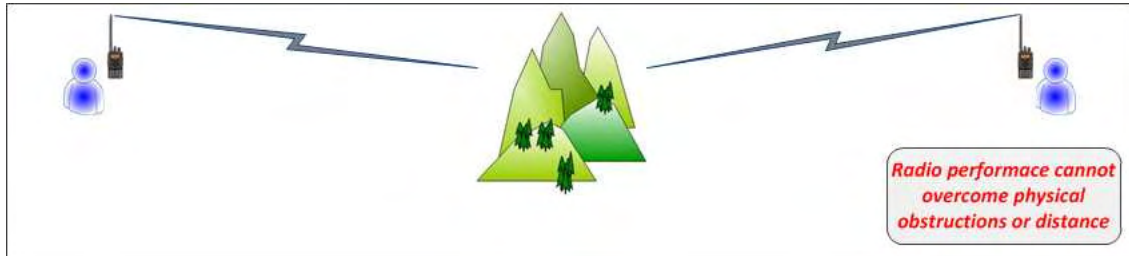
## NXU-2A / RoIP Network Extension Unit

### Overview –

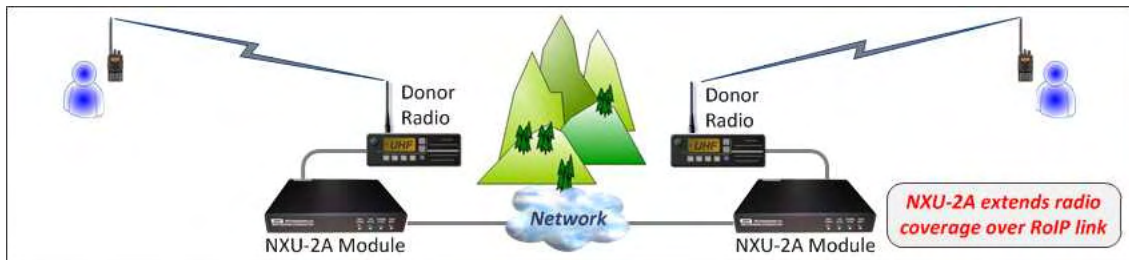
- Network Extension Unit
- Extends radio coverage over networks by implementing



RoIP



- Leverages RoIP and networks to overcome physical obstacles or distances beyond typical radio systems



- Simple RoIP solution that links radios communications across a room, or between continents
- NXU-2A pairs can form a simple system that creates a transparent communications link between the two
- Radio-centric interface can support 4- or 2-wire, balanced or unbalanced full-duplex radio systems

### Advantages –

- Digital Signal Processing, multiple RoIP vocoders
- Low cost
- Using existing network infrastructure eliminating the need for leased lines and microwave sites

### Past Performance –

- 11,000 + deployments

### Features/Benefits –

- Multiplexes voice audio and data over a standard Ethernet network
- Eliminates the requirement for pilot tones and other inband signaling
- Web Browser-based configuration
- Adjustable transmit and receive audio delay, VMR COR type, SNMP support, multicast mode, and QoS
- Fully compatible with our ACU DSP-2 modules and PCNXU RoIP technologies
- 5 built-in VOCODERS to balance audio quality vs bandwidth - can consume as little as 13 kbps in each direction
- NXU-2A can link to any ACU over RoIP network protocol
- Uses the JPS library of radio-specific interface cables, covering hundreds of radio makes & models
- JPS WAIS System capable
- Appropriate for Public Safety, DOD, Private Sector

EXCLUSIVE REPRESENTATIVE:





**PHASE Engenharia Ind. e Com. Ltda.**

Av. Olegário Maciel 231, Lojas 101 a 105  
Barra da Tijuca | Rio de Janeiro, RJ | CEP 22 621 200  
Tel +55.21.2493.0125

Av. Ibirapuera 2.907, Conj. B306 & 7 - Ed. Conv. Corp. Plaza – Torre C  
Indianópolis | São Paulo-SP | CEP 04029-200  
Tel +55 11 3589-0125

[phase@phase.com.br](mailto:phase@phase.com.br) | [www.phase.com.br](http://www.phase.com.br)