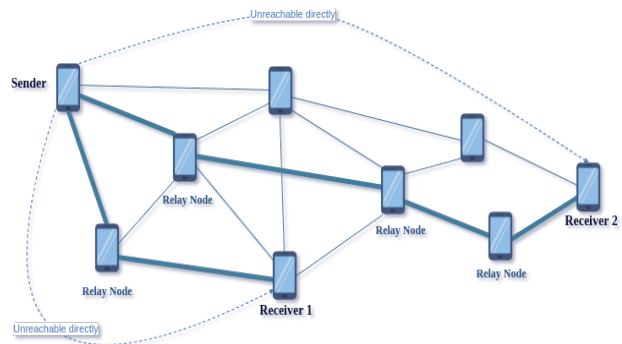Figure 1.
MeshUp Low-Level Architecture:
The backbone of decentralized communication.

Figure 2.
MeshUp Workflow:
Seamless message transmission through a resilient mesh network.

MeshUp
Decentralized, Scalable and Resilient Communication

infili.com/defence

MeshUp

Decentralized, Scalable and Resilient Communication

MeshUp is an advanced LoRa-based communication platform ensuring connectivity where traditional networks fail.

Key Advantages

- **Critical Infrastructure for Emergencies**
Ensures communication during disasters
- **Autonomous Network Expansion**
Scales effortlessly as new nodes join
- **Blockchain-Powered Incentives**
Keeps devices active & network operational
- **Cost-Effective and Energy Efficient**
Ideal for large-scale deployments
- **Proven Reliability**
Designed for extreme conditions and mission-critical applications

Target Applications

- **Civil Protection & Disaster Response**
Nationwide emergency networks
- **Industrial IoT & Smart Cities**
Secure, long-range data transmission
- **Defense & Security**
Communication without vulnerability to infrastructure failure
- **Rural & Remote Connectivity**
IBridging the communication gap in off-grid areas

infili.com/defence ⟶

defence@infili.com