

# Digital Communication Connect System

This communication system provides enhanced connectivity and interoperability. It features a modular architecture with a central rack-mounted unit, digital transceivers, control console, and network interface.



## System Overview

### Smart Digital Connect System

This smart digital communication system is based on ETSI DMR standards and maintains compatibility with analog standards. It supports both VHF and UHF bands, utilizing TDMA 2-timeslot technology to provide versatile voice and data services for critical communications. The all-IP infrastructure allows for flexible deployment across public and private networks, ensuring extensive coverage and scalable connectivity.

## Technical Specifications

Supported Frequency Bands	VHF, UHF
Channel Spacing	12.5 KHz
Technology Standard	ETSI DMR
Infrastructure	All-IP

## System Features

### Networking Capabilities

- Flexible IP Networking
- Cross-regional communications
- Single site expansion
- IP multi-site expansion

### Positioning and Tracking

- Real-time GPS integration
- GIS Map support
- RFID technology
- Geo Fencing

### Dispatch and Team Management

- Hierarchical priority assignment
- Visual management via GIS/RFID
- Automated event logging
- Exportable database reports (Excel)

## Connectivity

VoIP Gateway	Yes
Security Features	Blacklist, Whitelist, User Authentication