TIONG

Maritime Tactical Data Link Network

Empowering Connection

TIONG is a Maritime Tactical Data Link (TDL) network, delivering secure and real-time communication system that seamlessly integrates naval vessels, aircraft, coastal radar, and command centers into a unified operational network. It enables seamless sharing of tactical data such as vessel positions, threat information, and mission updates, providing a synchronized Common Operating Picture (COP) across all maritime forces. By enhancing situational awareness, coordination, and decision-making speed, the TIONG ensures faster response to threats, improved mission effectiveness, and strengthened maritime security operations.

Key Features

- Data Link Processor
- Communication Interface Layer
- Security & Encryption Module
- Management & Control Software
- Integration APIs (Forwarder / Middleware)
- Tactical Voice
- Data Link Messaging
- GPS Synchronisation
- Time Sync
- Dynamic TDMA

Technical Specifications

Seamless integration between:
- Aircraft
- Naval vessels
- Ground units
- Command centers

Operates across heterogeneous communication systems.

Voice + Data + Command integrated in one system
- Tactical messaging
- Command directives
- Sensor data fusion

- Military-grade encryption for all data exchange
- Ensures data integrity in contested environments.

- Supports integration with other tactical data link
- Compatible with legacy and modern systems
- Enables joint-force and coalition operations

Unified Battlefield Connectivity

Multi-Layer Data Exchange

Command & Control Centers

Real-Time Situational Awareness

Secure & Resilient Communication

Joint Force Operations

Interoperability & Standard Compliance

- Centralized monitoring and control
- Decision support with real-time data

Continuous sharing of:
- Tactical tracks
- Target data
- Platform status

- Cross-domain coordination (air-sea-land)
- Common operating picture (COP) for all units

