Kratos Unmanned Vehicle Command and Control (C2) Systems are robust architectures with variations currently fielded and supporting unmanned air, land, and sea surface mission requirements for the U.S. Navy, the U.S. Army, the U.S. Air Force and several international defense organizations. These C2 systems offer advanced features with the flexibility to support multi-vehicle mission profiles, manual and autonomous control, and detailed mission planning capability. A variety of different hardware configurations are available to support fixed-site command center installations, mobile S280 shelters (manufactured by our C5ISR division), and fully-portable laptop based systems. Kratos' Unmanned Vehicle Control Systems features best-in-class high performance hardware and software that has been system engineered to meet the demanding requirements of customers and has successfully supported over 3,000 operational missions worldwide.

The system operates independent of Data Link types and can accommodate multiple data links and/or multiple frequencies simultaneously. The RF module can be connected directly via Ethernet, or remotely to network through a router (e.g. T1, ISDN, microwave, etc.).

KRATOS®
UNMANNED SYSTEMS DIVISION

Features

- Simultaneous Multi-vehicle control
- Modular "Plug and Play" System
- Vehicle Independent Datalink
- Interface to range infrastructure for mission information sharing
- Ruggedized Transportable System

Highly Integrated Consoles and Open System Architecture

- Fast and Easy Set-up (Typically less than 30 minutes) Minimal inter-module connections
- Choice of single or dual console Target Control
- Groups TCP/IP interface between consoles and modules
- Supports remote location of "Building Blocks" (location transparency)

Vehicle and Datalink Independent

- Configure with multiple datalinks simultaneously
  - High Capacity – for full scale vehicle
  - Reduced Capacity (reduced cost) – for subscale vehicles (MQM-107, BQM-167, Medium size UAV, UGV, USV)
  - Simultaneous Vehicle Operation – for multi-vehicle missions

Field Upgradeable

- Additional consoles and modules can easily be added (up to 8 vehicles)
- Temporary expansion for special mission requirements

Range Independent

- No range specific functions for vehicle command and control
- Range interface available for collecting/ monitoring mission data

Modular Systems Approach

- Distributed Multi-processor System
- Configurable using "Building Blocks – Purchase only as much capability as needed
- Highly Cost Effective
- High Capability Configurations Available

Fixed site system configurations are available.

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