MONARCH®

Flexible Powerful Interoperability Solution

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Enable Communication - Solving Live, Virtual, and Constructive Connectivity Challenges Integration/Interoperability

MONARCH is a programmable user configurable, extensible message, data and protocol translation and routing application that enables communications between simulation and other systems in training and operational environments. MONARCH is based on a data translation engine that can be reconfigured by the user to perform any data translation requirement. This reconfiguration is performed through intuitive graphical user interfaces. MONARCH assists the user throughout the process with context sensitive prompts and help.

MONARCH provides a single solution for training, simulation, C4I, and other data interoperability challenges. Based on technology proven in over 500 exercises, experiments, and training situations, MONARCH is a proven, trusted integration appliance. MONARCH's unique and powerful translation engine ensures that it does and will continue to overcome integration and interoperability challenges for legacy, current, and emerging systems.

Attributes

- Protocol/translation handled by MONARCH
- More than 400 network protocol modules
- Turnkey solutions
- No bandwidth or transport delay
- Share data to enhance overall situational awareness and training effectiveness
- Increase integration with data providers and command and control entities
- Provides legacy systems the opportunity to communicate with new technologies and systems
- Adding New Messages and Protocols is easy and can be done onsite without software development
- Based on a proven, interoperability tool used to support critical and secure U.S. Department of Defense Applications.

LIVE   VIRTUAL   CONSTRUCTIVE

- HLA 1516
- HLA 1.3
- DIS
- SQL Database
- TADIL A/B/J
- JVMF/VMF
- USMTF/OTH-G
- DDS/PASS

MONARCH also supports XML, KML, COT, HL7 X12, and multiple other commercial DoD and NATO Standards