Integrate. Deploy. Succeed.

TACTICAL DATA LINK PROCESSING
DATA LINKS SIMPLIFIED

SOFTWARE-ONLY MULTI-TDL SOLUTION

LinkPRO is a standards-based, high fidelity, software-only, multi-link, tactical data link processing engine that improves tactical communications, reduces the time, risk, and expense of TDL integration, alleviates interoperability issues, and lowers lifecycle maintenance costs for military and prime contractor customers worldwide.
“We chose LinkPRO because of its open architecture and ease of integration.”

Senior Software Engineer,
Major US Prime Integrator

LINKPRO AT-A-GLANCE

STANDARDS-BASED

LinkPRO is a standards-based set of software libraries, applications, and databases which gives a Host system the ability to exchange information between TDLs and one or more components of the host system, including operator displays and sensor systems. LinkPRO handles the terminal control and monitoring, data link message processing, forwarding, correlation, transmission rules application, track management, etc. for the Host.

DATA LINK PROCESSING SOFTWARE

LinkPRO is a software-only solution that runs on Windows 7, 10, or Linux. LinkPRO supports Link 11, Link 16, JREAP, SIMPLE, SADL, Cursor-On-Target, DIS, and soon LINK 22 and VMF. Also, by leveraging LinkPRO’s layered architecture, additional data links can be quickly and cost-effectively added to your system.

MULTI-TDL AND MULTI-TERMAL

Multiple Data Links may be configured to operate with a single host connection. LinkPRO can control, monitor, and emulate the associated TDL terminals and radios. LinkPRO implements both MIL-STD and STANAG standards and has been deployed worldwide in hundreds of systems.

THE MOST COMPLETE, COST-EFFECTIVE, AND RELIABLE DATA LINK PROCESSOR ON THE MARKET

LINKPRO IS A SOFTWARE SOLUTION FOR ECONOMICALLY INTEGRATING TACTICAL DATA LINKS INTO WEAPONS, COMMAND AND CONTROL (C2) SYSTEMS, AND SURVEILLANCE AND SUPPORT PLATFORMS

COMPREHENSIVE TDL MESSAGE PROCESSING

With a deep and broad data link message support and a layered architecture, LinkPRO is adaptable to any category of tactical host (weapon, C2, support, etc.). LinkPRO may be installed as a stand-alone system with its own user interface or embedded into a tactical host mission software suite. LinkPRO offers flexible mechanisms for host connectivity using Internet protocol-based options.

OPERATIONAL TODAY

LinkPRO is IA accredited and is used as a fundamental component of operational C2 solutions in the US and throughout Asia Pacific, Europe, and the Middle East. LinkPRO off-loads the low-level protocol and message processing for link participants and feeds the tactical host computer with normalized data relating to tactical objects and events present on the link.

MINIMAL HARDWARE REQUIREMENTS

LinkPRO runs on most modern systems that support Windows or Linux. CPU speed should be greater than 2GHz. The amount of memory required is dependent on the number of tracks processed (about 500MB is typical).

TCG is the leading independent supplier of tactical data link software solutions for military communications systems. TCG’s comprehensive portfolio of TDL testing, training, simulation and battlefield operations solutions provides the warfighter proven multi-link communication capabilities to optimize performance and increase mission effectiveness.

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