ASE2000
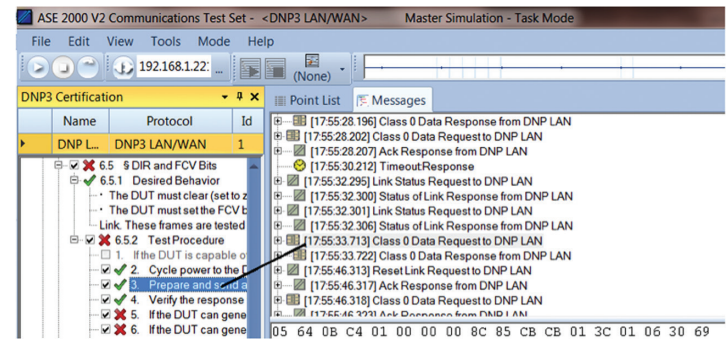## VERSION 2 Communication Test Set

THE EVOLUTION IN PROTOCOL ANALYSIS...

ASE2000 Version 2 is the latest in ASE's line of Communication Test Sets first introduced in 1989. It provides communication analysis, test, and simulation for over 70 serial and network SCADA protocols. Custom communication hardware provides enhanced RS-232 communication and timing capabilities.

Signicant ASE2000 V2 Software Features	
• Master simulation, remote simulation, and line monitoring capabilities • Messages displayed in English and raw data • Points displayed in engineering units and raw values • Task functional support tailored to each protocol for data acquisition, control, time synchronization, file transfer, and more • Log of critical system events such as point alarms, communication errors, and key messages • Low level plot of RS-232 signals from custom hardware • Communication messages saved to disk. Free message viewer available so others can analyze your communication sessions • RTU simulation run-time modification of data values • Control over forced error conditions for comprehensive testing • Enhanced communication message query and search capabilities • Communication Statistics • Comprehensive online help	***Extra features for DNP3*** • Outstation conformance testing. Report suitable for submission to DNP Users Group • Secure Authentication version 2 and 5 • File transfer • Unsolicited and solicited operations ***Other major protocols*** • IEC 60870-5-101, 103, 104 • Conitel 2020, 2025, 300, 3000 • CDC Types 1 and 2 • RP570 • Harris 5000/6000 • Telegyr 8979 • Modbus • Spa Bus • 60+ Others

EXPEDITE PROBLEM SOLVING

Simplify problem reporting and analysis between vendors and users by transferring communication data via capture files. A **free** capture file viewer is available so ASE2000 customers can send capture files to anyone to view and analyze. Please visit our website for more details.

ASE2000 Hardware Options:

- ASE2000-COM works with **standard COM ports** and network adaptors

- ASE2000-USB-RS adds a dual-serial channel USB box with enhanced RS-232 signal handling, embedded high precision timer, and support for legacy bit protocols

- ASE2000-USB-M adds a dual-channel Bell-202/ V.23 modem to the ASE2000-USB-RS model

Available Free of Charge:

- Capture file viewer. ASE2000 customers can send capture files to anyone to view and analyze. Simplifies problem reporting and analysis between vendors and users

- Trial version can be downloaded from our website at http://www.ase-systems.com under the Downloads tab

Applied Systems Engineering Inc. (a Kalkitech company)
1671, Dell Ave, Campbell, CA, USA | Tel: +1-408-364-0500
sales@ase-systems.com

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