



Protocol Analyzer Solutions

Overview

- Protocol Analyzer Packages supporting:
 - Ethernet
 - Fibre Channel
 - Multi Protocol
 - SAS
 - SATA
 - Serial FPDP
 - MIL-STD-1553
 - ARINC-429
 - AFDX
- Other key features
 - Traffic Generation
 - Bit Error Rate Tester
 - Impairment Testers
 - Error Injectors
- Industrial grade solutions designed for Multi Protocol support and customize for specific requirements
- Provides user with ability to view, analyze, decode, count, and record in real time.
- Easy to use and set up

Features

- True 100% line rate traffic capture with concurrent traffic generation and statistics gathering
- 528MB/s transfer rate for trace file uploads
- Simple intuitive GUI – capture and display data in just two mouse clicks
- Share, filter and study trace files using standalone viewer software
- Connect up to 32 ports in a single chassis with common clock synchronization
- Real time dashboard display of statistical data
- Monitor multiple network points and aggregated links
- Unique external common clock source
- Multi-level, multi-channel triggers and filters
- Frame slicing
- External trigger in/out
- Save filter and trigger profiles
- Active trigger indication
- Configurable trace buffer
- API control

Benefits

- No data loss. View, manipulate, shape, and even corrupt traffic.
- Fast and powerful. See only traffic of interest and trigger special events. Simultaneous GUI display of all channels, statistics and traffic generation.
- Freely download and distribute. Encrypted for safe sharing of traces (opens only via Investigator™ Trace Viewer.)
- Time correlate events on multiple networks and links Customizable tabular and chart formats Unified, single view ensures user control and a time correlated visualization of a cascading event capture up to 32 filter/trigger key events extends buffer capture when only frame headers are required.
- Eliminates unnecessary data.
- Synchronize with external devices easy set-up for recurring events.
- Personalize profiles to a specific job or individual.
- Configure Investigator™ analyzer to trigger on problem-causing events size for balance between coverage and performance.
- Smaller trace size equates to faster capture & download, and speeds up problem resolution.
- Customize your own automated testing suites.

Protocol Analyzers Systems



PA-PRO2U-xxxx-00
2U Rack Mount
6 PCI Slots



PA-PRO5U-xxxx-00
5U Rack Mount
12 PCI Slots
(4) Storage Bays

Protocol Systems

- Phillips Aerospace integrates each Protocol Analyzer system custom to our customers application protocol requirements.
- Our engineering staff will take the time to understand the requirements and design the solution.
- Each system is functionally tested before shipment

Easy to configure your solution:

- Pick the platform
- Pick the protocols
- Call Phillips Aerospace



PA-PROLT-xxxx-00
Portable Workstation
2 PCI/PCIe Slots
(1) Storage Bays
15.1" Sunlight readable Display



PA-PROW7-xxxx-00
Portable Workstation
(7) PCI/PCIe Slots
(4) Storage Bays
17" Sunlight readable Display



GUI Investigator Protocol Interface Tools



Phillips Aerospace
16125 East Gale Ave.
City of Industry Ca 91745
www.paero.com = info@paero.com
(626) 855-4600

