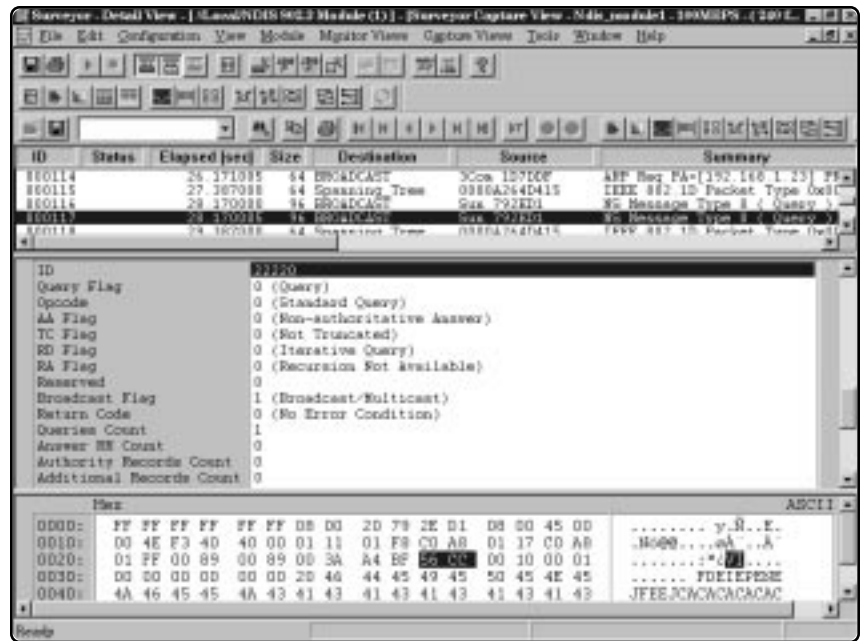


PROTOCOL DECODE KIT

Custom Protocol Decode Development Facility for Shomiti Surveyor

Product Features

- Provides the ability to create custom protocol decodes using Shomiti's Surveyor LAN analyzer.
- Integrates custom protocol decodes with standard Surveyor protocol decodes.
- Create complete custom decodes, or replace existing upper layer decodes while maintaining standard lower layer decodes.
- Facilitates product development where custom LAN protocols are involved.
- Enables development of troubleshooting tools for support personnel.



Protocol Decode Kit (PDK) enables the user to add new protocol decodes to the standard set of decodes included in Shomiti Surveyor. New decodes created with PDK will fully integrate into Surveyor's standard decode format, presenting Summary, Detail, and Hex views, and incorporate the highlighted cross-tracking between Detail and Hex views. PDK allows the utilization of existing Surveyor lower-layer decodes, and only requires the developer to detail the translation rules for the new protocol.

A protocol parser created through the use of PDK is compiled into a loadable library using Microsoft Visual C++. The resulting loadable library file can be loaded by any Shomiti Surveyor, version 2.2 or later. The result is a portable custom protocol parser which can be loaded on any Surveyor system.

The protocol parser generated using PDK can also facilitate the generation of traffic which includes the new protocol. The intelligent frame editor of Shomiti Surveyor's Packet Blaster module seamlessly translates both the standard and the custom protocol decodes, assuring the accuracy of generated traffic.

For the networking product developer, PDK aids in development and testing by translating proprietary or custom protocols used by the product. Design verification and problem troubleshooting is speeded by eliminating manual decodes of messages using proprietary protocols. After the product is released for production, the protocol parser library generated using PDK can be distributed to field and technical support people to assist with product support and network troubleshooting.

PROTOCOL DECODE KIT

Technical Specifications

System Requirements

System:	Pentium Class System
Memory:	32MB Minimum
Disk Space:	3MB
Operating System:	Windows 95 or NT 4.x

PDK is distributed free of charge via the Internet at Shomiti Systems' web site: www.shomiti.com.

Software Requirements

Shomiti Surveyor 2.2 or later
Microsoft Visual C++ Version 4.2

Product Distribution

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