GadgetAnalyzer

PC Client Remote 709.1 Protocol Analyzer Interface for GadgetGateway and GadgetNode

INTRODUCTION

GadgetAnalyzer (GA) is a Windows PC client program that provides a graphical interface for logging and displaying 709.1 (LonTalk™) packet streams from a GadgetGateway. Each invocation of the GadgetAnalyzer client can retrieve a packet stream from a GadgetGateway over an IP connection. The GA plus GG combination provides the unique capability of remote (over IP) protocol analysis, monitoring, and packet logging of LonTalk (ANSI 709.1) channels. GA parses and graphically displays packet steams of either saved logs or in real time. GA has filtering capabilities and also supports generation and importation of log files in either delimited text or (.prc) format.

INTEROPERABLE CONVENIENT CONFIGURATION

The GadgetAnalyzer uses the open standard EIA-852 IP tunneling protocol to connect to ANSI 709.1 to IP gateways. This enables flexible remote protocol analysis from almost anywhere. OEMs and systems integrators benefit by having convenient access to all the data necessary to remotely trouble shoot and fine tune 709.1 networks. Adept's EIA-852 implementation interoperates with leading network management tools, such as, LonMaker.

FILTERING AND SEARCHING CAPABILITIES

GadgetAnalyzer provides basic packet filtering and searching capabilities. Because of the (.prc) export support, GadgetAnalyzer logs may be collected over the internet and then further analyzed with higher end protocol analysis applications.

CUSTOMIZED VERSIONS

Adept provides custom solutions for interoperable network-centric automation systems to OEMS with large quantity applications. Customized enhancements or versions of the GadgetAnalyzer to large quantity OEMs can be provided If you have need for custom features please call.
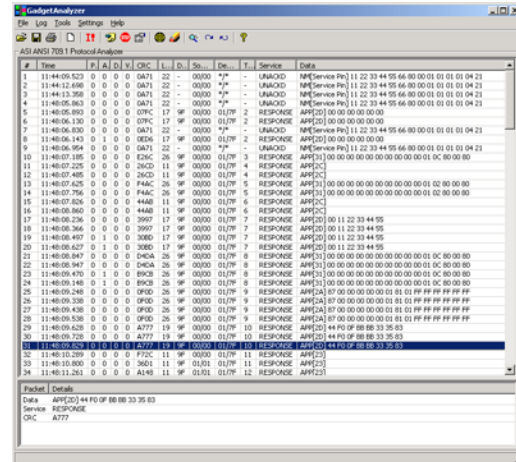

Figure 1: GadgetAnalyzer Packet Log

FEATURES

★ EIA 852 Connection to 709.1 to IP Gateways such as GadgetGateway or GadgetNode.
★ Remote over IP Packet Logging and Protocol Analysis
★ Generate or Import Log Files in Delimited Text or (.prc) Format
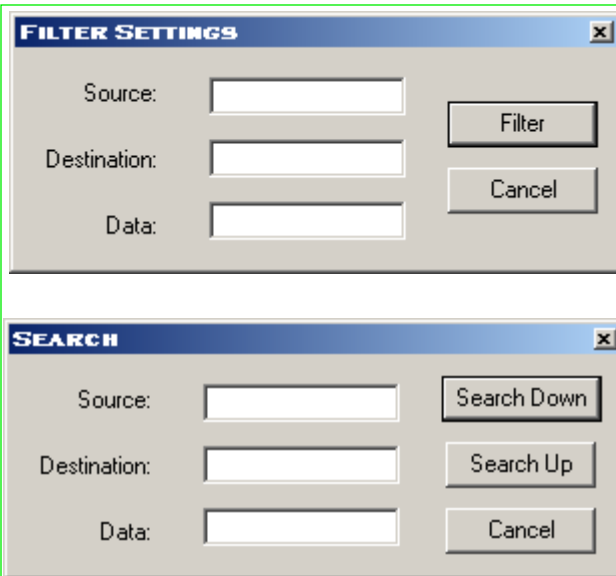★ Custom Versions Available

Figure 2: Filter and Search Dialogs

ORDERING

The GadgetAnalyzer is currently provided at no additional cost with the purchase of a Gadget-Gateway or GadgetNode. Support contracts are available, as well as on-site support.

Prices are subject to change without notice. For up-to-date ordering, pricing, and availability information, please contact our sales staff.

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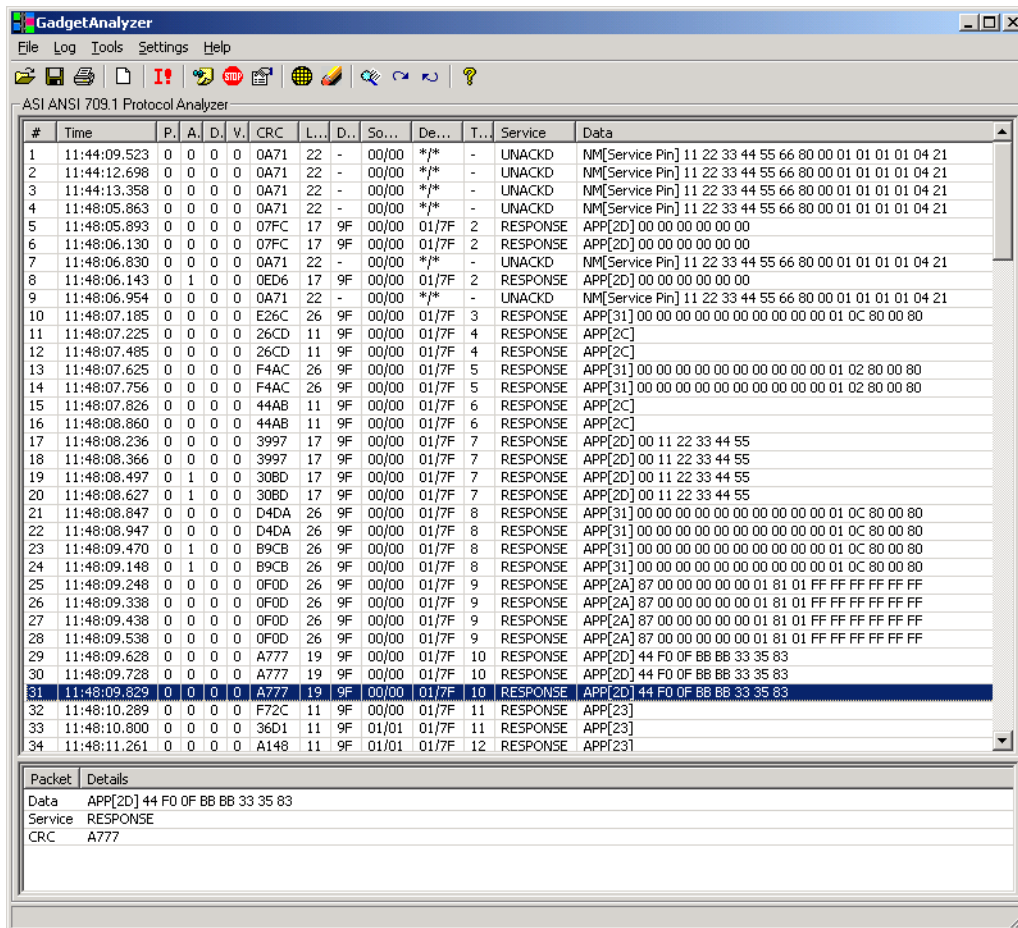

Figure 2: Packet Log Screen Display for GadgetAnalyzer