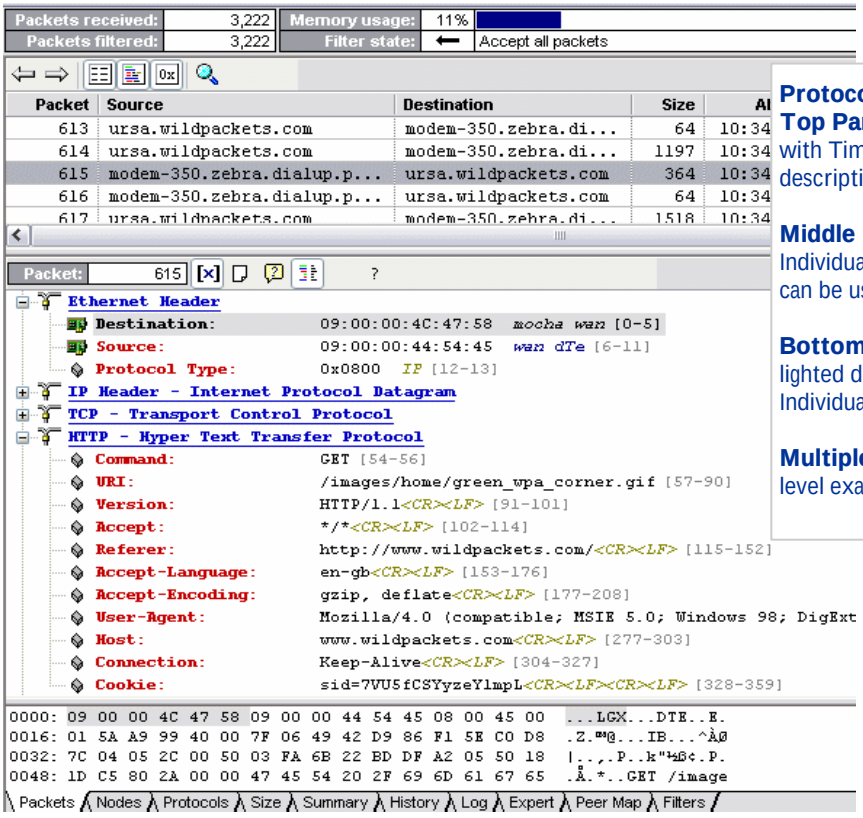
# WAN PROTOCOL ANALYSER

analysis, statistics, decoding, performance and management
for X.21, G.703, ISDN, Bridge / Router, and other wan links

The Logix **Mocha Wide Area Network Analyser** for Bridge / Router, HDLC and legacy Wan links, with the Mocha 16 bit PC Card (pcmcia) 'plug and play' adaptor for Windows 98/2000/XP.

**Interfaces include :-**
X.21 (V.11, RS.422), V.24 (RS.232-C),
RS.449, V.35
ISDN Primary and Basic Rate B1, B2 & D
E1 / G703 and T1 interfaces
Clear Channel and Fractional single channel groups




**Protocol analysis with the classic '3 pane' decode screen**
**Top Pane** gives summary information for all Captured Frames, with Time Stamp, Source/Destination address, protocol, and brief description

**Middle Pane** shows structured decode of each layer of the Frame. Individual protocol layers can be can be Expanded or Contracted, and can be user colour coded.

**Bottom Pane** shows frame data in Hex/Ascii format, with high-lighted data synchronised to middle panel.
Individual panes can be turned on or off ( Summary/Decode/Hex.)

**Multiple decode** windows can be opened simultaneously for low level examination of all packets surrounding a problem

## Wan Protocol Decodes

TCP/IP and suites
Frame Relay & LMI (Local Management Interface)
PPP – Point to Point & LCP (Link Control)
X.25 Frame and Packet Layers 2 & 3
ISDN Basic Rate Q.921 and Q.931
SNA
IPARS P1024B and P1024C
Unisys U200

## Features

Nodes - List all active nodes by Mac or IP Address
Protocol Distribution
Frame Size distribution, Graphic or Numeric
History - Line Utilisation & by bytes or packets/ second
Statistics by Address and by Conversation
Top Users by Frames and Bytes Sent/Received
Peer Map - Graphical Visualisation
of network Conversationsby Mac or IP address

## Capture Data to Disk

Single or Continuous Wrap Capture.
Specify available Disk Space for Capture.
Save All or Selected packets to disk.
Save Packets as EtherPeek format, or as CSV, TXT, RTF or HTML files, or in NAI Sniffer format.

## Filters

by Mac or IP Address (Source and/or Destination)
by Protocol, ie UDP only
by Port, ie by POP only
by Hex or Ascii String
or a combination of the above

**Wan Filters:**
Frame Relay by DLCI address, FECN, BECN etc
PPP Frame Type
X.25 Frame and Packet Type, etc
Q.921, IPARS, UTS, etc.

EtherPeek's **Real-time, Multi-NIC, Multi-Capture** capability lets you analyse LAN / WAN data streams in and out of Bridge / Routers, in a single machine. Multi-capture lets you view ALL Frames in one Capture Window, whilst Filtering pertinent data from the same data streams in further real-time Capture windows. Further multi-capture analysis can be carried out off-line on captured trace files.

**logix communications ltd.**
tel: +44 0(1)380 860 801
www.logixcomms.co.uk . sales@logixcomms.co.uk