

# QUANTEA **PUREINSIGHT**®

## Your Network **Visualized** AT A LARGE SCALE



**Visualize any network data from anywhere  
on any QP® Series appliance and seamlessly  
integrate with existing SIEM processes**

Applications:



**Network Security**



**Performance Monitoring**

FIND OUT MORE: [quantea.com](http://quantea.com) / 408.438.4368  
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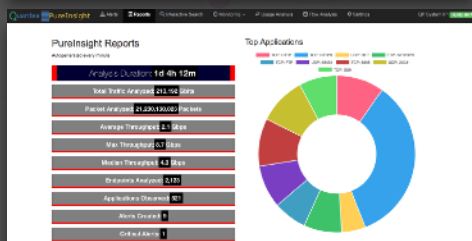
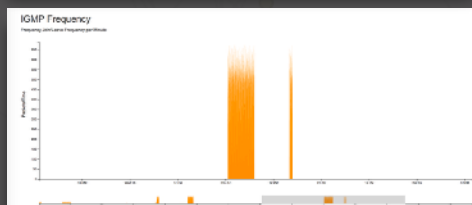
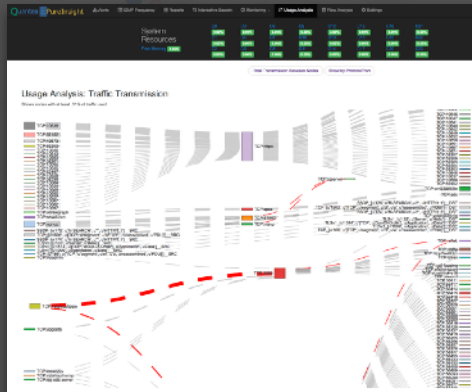
Visualize, drill-down, long term reports and extraction within a single tool.

Layer 4-7 analysis. Create up-to-the-minute alerts.

View top talkers, protocol/application usage distribution and more

RESTful API to integrate to existing dashboards

## KEY FEATURES &amp; DASHBOARDS



## ISSUE AWARENESS

**See the top users of the network:** View usage diagrams either by device/hosts and protocol/application. PureInsight automatically highlights blacklisted traffic and also sends alerts. Quickly highlight and extract traffic coming from blacklisted hosts or applications.

**Alerts based on traffic specification:** Set up multiple alerts and PureInsight will monitor for specific traffic specifications. Alert specification can be from layer 4-7. Download whole packets that triggered the alert without having to search again.

**Customized long term reporting:** Through its RESTful API, users can generate customized reports and integrate with existing dashboards. PureInsight and the QP Series API can interoperate with third party SIEM process applications.

**Aggregate statistics reporting:** General statistics on traffic collected by the QP Series are aggregated and shown on PureInsight. Information such as top talkers, usage distribution and number of recent alerts are shown.

**Extract whole packet data from flows:** Extract and highlight more specific information using PureInsight. Reduce the noise quickly to zoom-in to what is relevant so that you can take action right away.

## ACTIONABLE RESOLUTION

## SUPPORTED PROTOCOLS LAYER 2-7

(NOT LIMITED TO) ARP ATM ASTERIX AR\_DRONE BGP BITCOIN BITTORRENT BOOTP BMC CFLOW CUPS DHCP DIAMETER DNS EIGRP ERSPAN FC FCOE FTP GPRS GRE GTP GTPV2 H.265 H.323 HDFS HTTP HTTP2 HTTPS(SSL) ICMP IGMP IRC ICMP/V6 IP IPV6 ISCSI LAPD LDAP LLC MAC M3UA MMS MQTT/SN MPLS NFS NNTP NTP NETBIOS OPENFLOW OSFP PTP POP PPPOE QUIC RANAP RPC RSS SSL SCTP SDH SFLOW SIP SKYPE SMB SMTP SNMP SSH STP SYSLOG TACACS TACPLUS TCP TFTP TLS UDP UDPCAP USERLOG VLAN VNC VTP WEBSOCKET WLAN WOL WMX X11 X.509 XML YAML YPBIND

## ANALYTICAL CAPABILITIES

- Extract traffic with the intended message type such as HTTP (500) or DNS zero response
- Extract scripts and files from network traffic such as PDF's and sound files
- Breakdown traffic for each host by protocol
- Which area of the network has the most TCP retransmissions
- Highlights display area that is blacklisted (either host and/or protocol) in the network by a firewall or IPS/IDS device
- Be able to breakdown SSL handshake in sessions
- Customized alerting for a multitude of traffic specifications
- Easily extract from binary network data to JSON, XML and PCAP
- Extract relevant messages from IoT devices

## STATISTICAL DISPLAYS

- Top talkers by device, host or application - packet count and data rate
- Device with the most concurrent links at a given time
- Network traffic rate received by the QP from each physical ports
- Flow count and data rate by a specific flow
- Custom statistical view (packet rate or data rate) by traffic specification from supported protocols
- All network devices present and protocols used in a given time window
- Display frequency of protocol messages such as IGMP join/leave and DNS queries/responses
- Determine number of failed connections to websites

## ABOUT QUANTEA

Quantea allows organizations to have the capability to fully understand their network. Whether it is their network's macroscopic topology or nanoseconds worth of network traffic, the QP Series allows large amounts of data to be recorded while maintaining a wide spectrum of granularity. Quantea's PureInsight software provides visualized network analysis to quickly zoom in to an area of interest to find root cause or indication of anomalies.