PUREINSIGHT®

2024 Edition

Visualize Your Network

PINPOINT THE ISSUE

Interact with your network data from anywhere using the PureInsight.cloud SaaS, PureInsight virtual machine or any QP Series® appliance and seamlessly integrate with existing NOC/SOC

Applications

- Network Security
- Performance/Optimization
- Network Forensics

FIND OUT MORE: quantea.com / 669.237.0728

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(https://pureinsight.cloud)

Use Cases: Network Security Performance Monitoring

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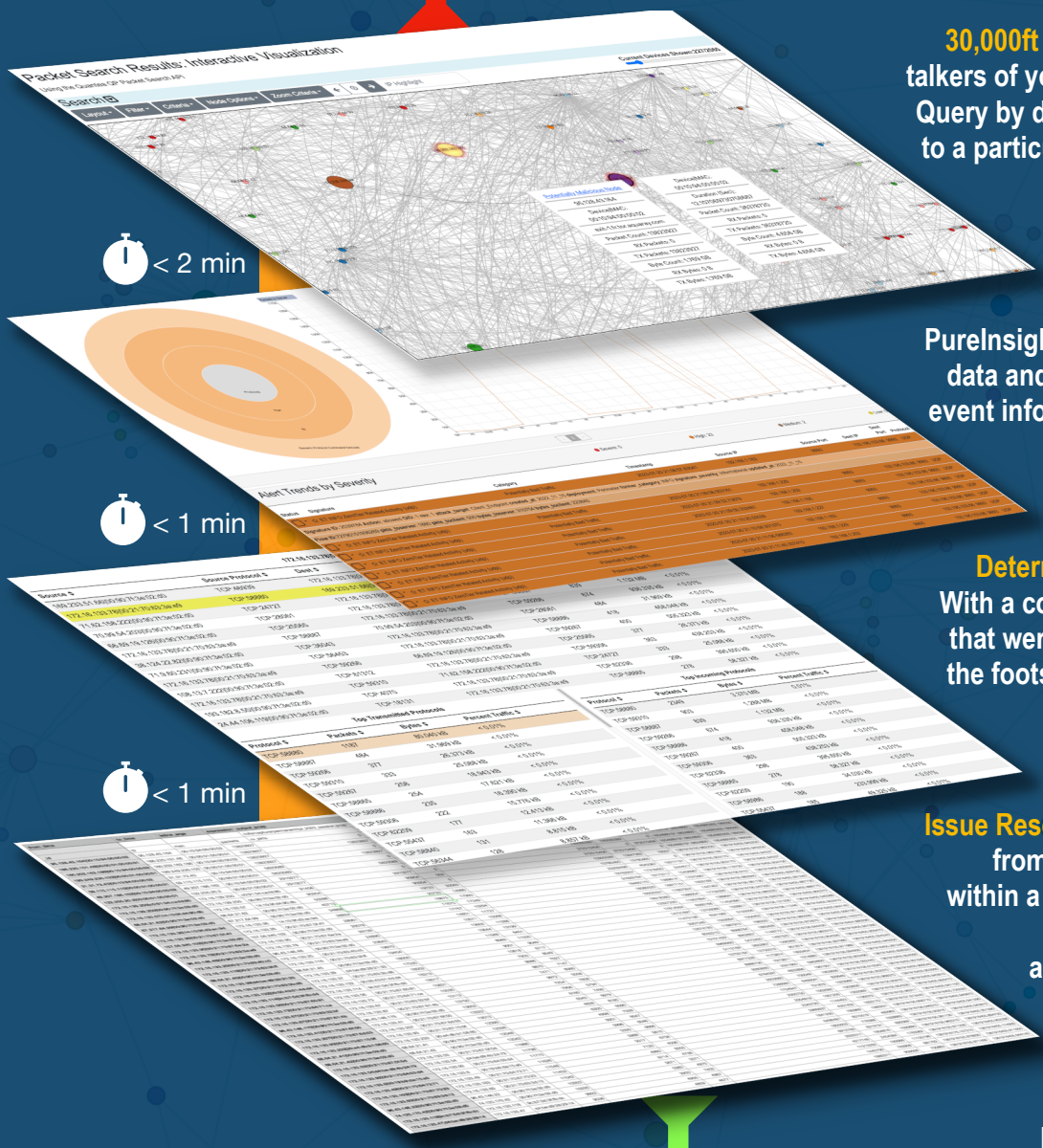
NETWORK SECURITY VISUALIZATION, IDS EVENTS, ALERTS, REPORTING, PERFORMANCE METRICS AND SIMPLE SOAR and SIEM INTEGRATION

ISSUE AWARENESS !



< 2 min

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< 1 min

< 5 min

ACTIONABLE INSIGHT!

30,000ft View of Your Network: Observe top talkers of your network and malicious devices. Query by date and time range to narrow down to a particular security breach event or issue.

Integrated IDS Event Management: PureInsight removes the gap between packet data and security events. Retrieve both IDS event information and raw traffic information using the same software.

Determine devices affected by the event: With a couple clicks, find out which devices that were part of the event. Be able to trace the footsteps and propagation of the event.

Issue Resolution: By using the data retrieved from PureInsight, users can take action within a couple of minutes to remediate the existing issues. PureInsight can be automated as part of SOAR or SIEM.

PureInsight allows organizations to take charge of their network data during crucial network security or network performance events.

CONVERT NETWORK DATA INTO ACTIONABLE INSIGHT

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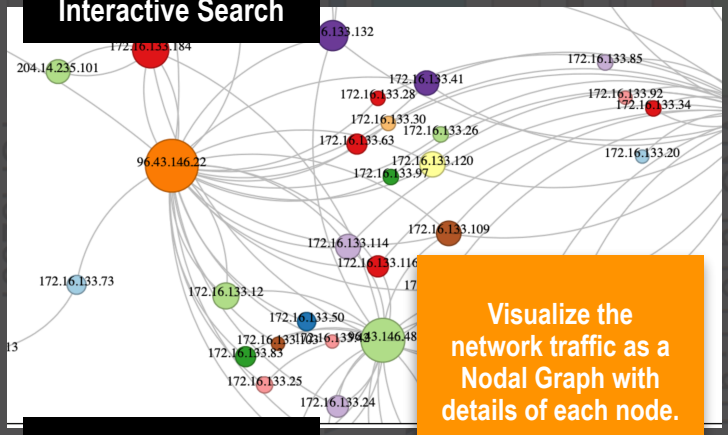
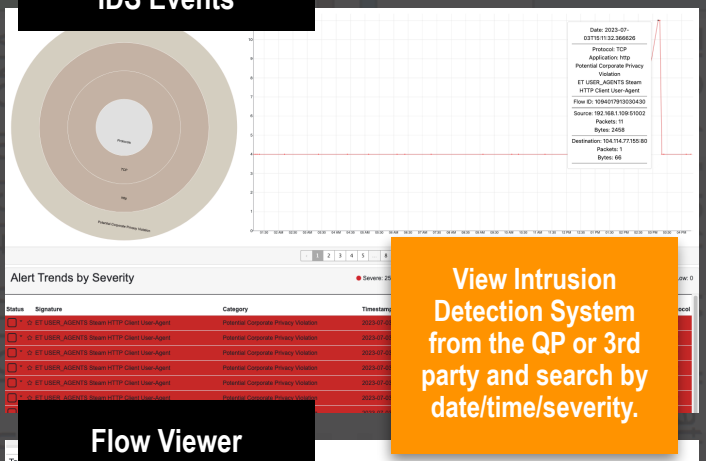
FEATURES AND CAPABILITIES

Interactive Search



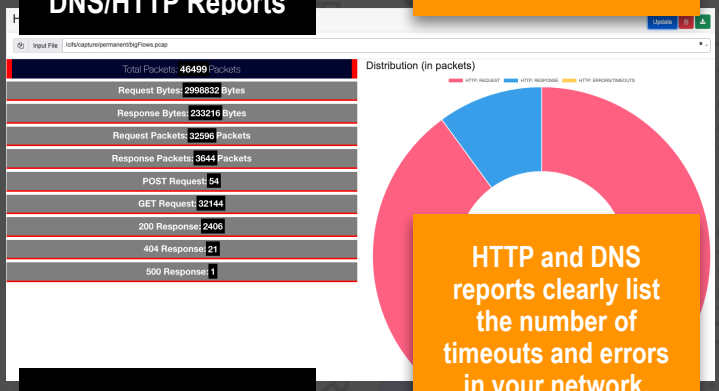
Visualize the network traffic as a Nodal Graph with details of each node.

IDS Events



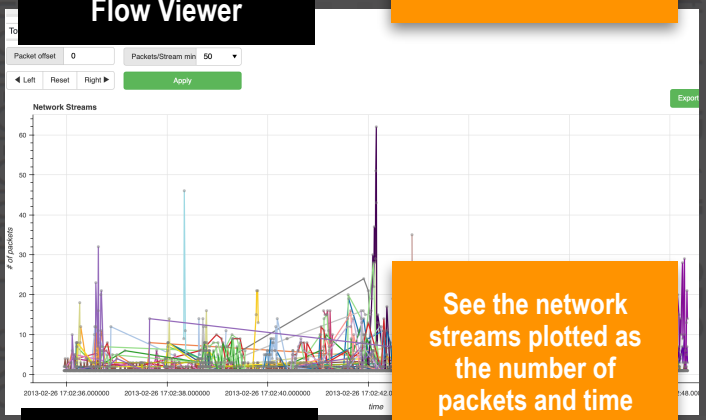
View Intrusion Detection System from the QP or 3rd party and search by date/time/severity.

DNS/HTTP Reports



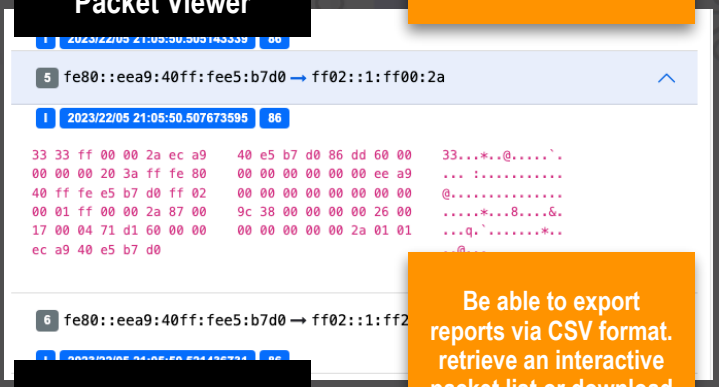
HTTP and DNS reports clearly list the number of timeouts and errors in your network.

Flow Viewer



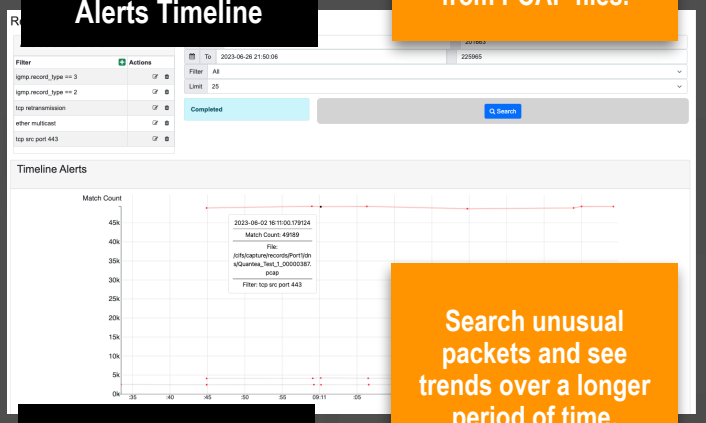
See the network streams plotted as the number of packets and time from PCAP files.

Packet Viewer



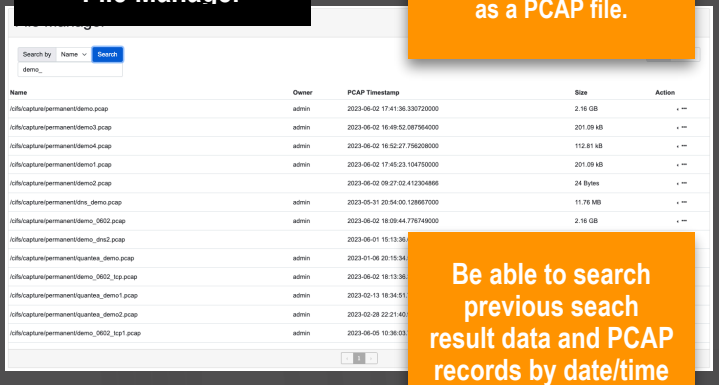
Be able to export reports via CSV format. retrieve an interactive packet list or download as a PCAP file.

Alerts Timeline



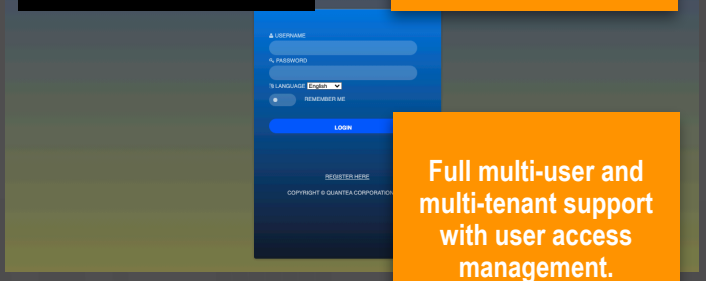
Search unusual packets and see trends over a longer period of time.

File Manager



Be able to search previous seach result data and PCAP records by date/time and name.

Multi-user Support



Full multi-user and multi-tenant support with user access management.

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DEPLOYMENT OPTIONS

- SaaS
- ON-CLOUD
- VIRTUAL
- QP-SERIES

KEY BENEFITS

- Visualize, drill-down network traffic for quicker issue resolution.
- Integrated IDS Event Viewer and Management. Can accommodate multiple IDS.
- View top talkers, protocol/application usage distribution and more.
- Multi-user support for collaboration between groups of network and security engineers.

USE CASES

- Root cause analysis for sudden slowdown of a production network.
- Get greater network visibility for layer 3 packet data and up.
- Observe malicious traffic in the network and determine all the devices affected.
- Provide a way to search data across multiple Suricata IDS sensors.

For all the other use cases, go to our website: https://quantea.com/more-use-cases/

PUREINSIGHT CAPABILITIES

- HTTP and DNS reports clearly list the number of timeouts and errors in your network
- 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 from each physical ports (for PureInsight installed in QP Series only)
- 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
- IDS Events dashboard can display Suricata event logs from remote units or from the QP Series appliance
- Extract traffic with the intended message type such has HTTP (500) or DNS zero response
- Search compressed PCAP data
- Breakdown traffic for each host by protocol
- Which area of the network has the most TCP retransmissions
- Highlights nodes in the network that are blacklisted by IP reputation
- Create reusable search templates for complex search queries
- Customized alerting for a multitude of traffic specifications
- Extract CSV reports and whole packet PCAP data
- Search the payload of all packets using regular expressions

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.

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