Protocol Field Verifier (PFV)

Effortless verification of timing protocols with fast, clear insight into messages, sequencing and interoperability

Calnex Insight and Innovation

calnexsol.com

Filter PTP by message type, port, direction, timeframe, domain, clockclass, etc. filter SyncE by quality level, clockID, etc.

Auto-selection of rules based on PTP capture characteristics.

User editable rules files with customizable Pass/ Fail criteria.

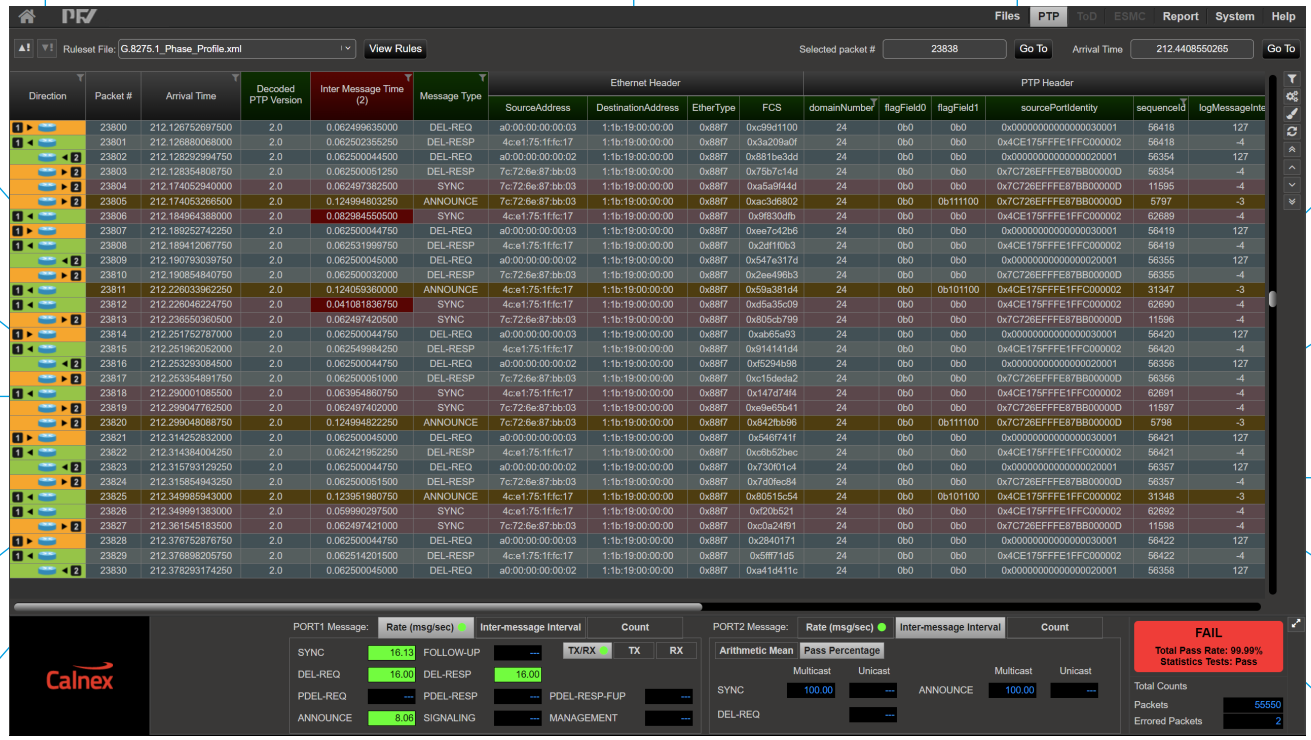
Verify the contents of message fields comply with the latest standards.

Check captured messages against a pre-defined set of rules, with clear Pass/ Fail indications.

Clearly highlights errored fields and protocol violations.

Validation of IEEE-1588 message transmission timings over the entire capture, including arithmetic mean and percentage within tolerance.

Analyze PTP, SyncE ESMC and Time of Day messages.



Easy navigation to timeframe, packet number and errored packets from user-entry or fast search keys.

One button generation of reports in PDF format: Pass/Fail statistics and details of failures.

Easily configurable field display options include packet classification and colors, number base, displayed data.

Both summary and enhanced statistics available.

View results for the entire measurement period for total insight and analysis.

Live measurements from Paragon can be viewed in PFV. You can also import stored measurement data from Paragon, Sentinel or Sentry then simply drag and drop into PFV to view.



Paragon-neo



Paragon-x



Sentinel



Sentry

© Calnex Solutions, 2024
CX9024 v3.0