

# Makes life easy.

Get fast, clear insight into PTP message settings and interoperability, with all field information in one place.

Verify the contents of PTP message fields comply with the latest ITU-T and IEEE standards.

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

Violated fields are clearly highlighted, and failures immediately accessible using the fast search keys.

Pass/Fail results for the entire measurement period (up to days of data) can be viewed for complete analysis.

Flexible XML rules allow full customisation of pass criteria so you can focus on what's relevant for your testing.

The screenshot shows the PFV - Field Verifier application window. At the top, there's a menu bar with 'Files', 'PTP', 'To D', 'Report', 'System', and 'Help'. Below the menu, there's a 'Ruleset File' dropdown set to '802.1AS(gPTP).xml' and a 'View Rules' button. A 'Selected packet #' field shows '1560' and a 'Go To' button. The main area is a table with columns: Direction, Packet #, Arrival Time, Message Type, messageLength, domainNumber, reservedField1, flagField0, flagField1 (87), reservedField2, sourcePortIdentity, sequenceId, and logMessa. The table contains multiple rows of data, with several cells highlighted in red, indicating failures. A tooltip is visible over the 'flagField1 (87)' cell of the selected packet (1560), showing a list of failure reasons: leap61: False, leap59: False, currentUtcOffsetValid: False, ptpTimescale: True (ERROR), timeTraceable: False, frequencyTraceable: False, reservedOct1Bit: False, reservedOct1Bit7: False. At the bottom, there's a summary section with 'Average Message Rate (msg/Sec)' and a table of counts for different message types: SYNC (8.00), FOLLOW-UP (8.00), PDEL-REQ (1.00), PDEL-RESP (1.00), PDEL-RESP-FUP (1.00), ANNOUNCE (N/A). A 'Total Counts' section shows 'Packets: 1653' and 'Errored Packets: 87'. A large red box on the right side of the summary section displays 'FAIL' and 'Total Pass Rate: 94.73%'.

**PFV**

- Decode and view multiple PTP fields in an easy-to-use table format
- Analyze all key fields simultaneously, with individual Pass/Fail indications
- Check transmitted PTP messages for compliance with ITU-T, IEEE and user-defined standards and rules

One button generation of reports in PDF format: Pass/Fail statistics and details of failures for hassle-free reporting of the PTP configuration.

Easily configurable field display options include number base, displayed data etc., so you can see your data your way.

