What's New
QxL & QxP V6.1

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A Leader Company

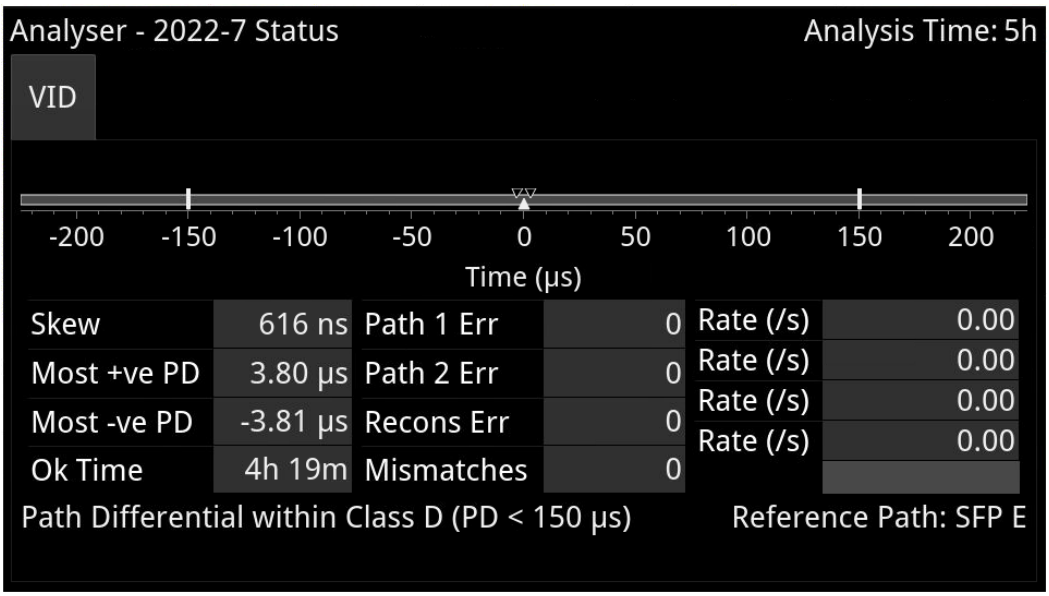
SMPTE 2022-7 Seamless Protection Switching for ST 2022-6

Seamless Protection Switching (SIPS) or Hitless Reconstruction is now supported for SMPTE ST 2022-6 flows in addition to ST 2110.

With the unit now able to receive ST 2022-6 flows on both SFPs (E and F), when ST 2022-7 SIPS is enabled, two independent transmission paths supply identical flows to the Analyzer. On receipt, a comparison of the two flows allows construction of a perfect, error-free feed even in the case of severe packet loss or link outages, provided one good packet arrives within a configurable time period on either of the two network links.

The instrument can be configured to adjust the sensitivity of the path differential - Class A to Class D (≤ 10 ms to < 150 µs respectively). In addition, the instrument reports error counts for the number of missing and/or corrupt packets detected on each path, the number of missing and/or corrupt matched packets, and the number of matched packets with different payloads.

Analyzer - 2022-7 Status for ST 2022-6 Flows



New features include:

- Receipt of ST 2022-6 flows on both SFP interfaces (SFPs E and F).
- Support of ST 2022-7 seamless protection switching for ST 2022-6 flows in addition to ST 2110.
- Graphical timeline showing the health of each ST 2022-7 flow pair and the skew between incoming packets.
- Positive and negative path differential timings indicate the order of packet arrival.

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