

FaultLine™

Video-over-IP Performance Monitor

Data Sheet



24x7 monitoring of key Video-over-IP QoE/QoS metrics, at any speed, on your PC.

Overview

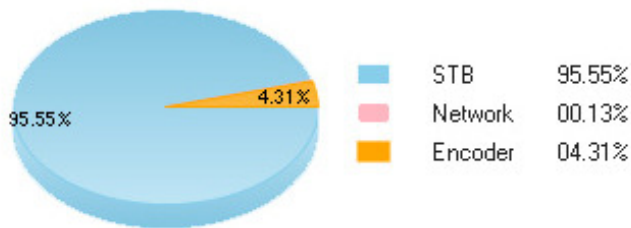
FaultLine™ software from Certus Digital monitors, in real-time, MPEG-2 Transport Streams and provides QoE/QoS statistics (ETSI TR 101 290) for IPTV and VOD.

- Runs on a laptop, desktop, or server PC.
- Video formats: MPEG-1, MPEG-2, H.264, MPEG-4 part 2.
- Receive an email or text message when a service disruption occurs through a comprehensive set of user definable alerts and notification options.
- Actively join up to 200 channels of multicast traffic with set-top box emulation and analysis.
- Simultaneous analysis of up to 1024 video streams over a 1Gigabit Ethernet.

Product Benefits

Identify the Source of Problems That Influence Subscriber QoE

- Network and encoder dropped packets
- Lip-sync and synchronization issues
- Network induced delay and jitter



FaultLine isolates the source of channel change delay time.

Ease of Use

- Quickly determine stream health through red/green indicators monitoring key QoE/QoS metrics.
- Channel Group, MPEG2-TS Video Stream and Event Log dashboard views.
- Automatically creates channel groups based on video profile (HD vs. SD), video & audio codecs, as well as automatically suggesting alarm thresholds based on observed measurement levels.

- "Diagnosis" view showing the errored transport streams along with an analysis of the context of those errors with respect to other network events.

Improve staff efficiency

- FaultLine alerts you when potential problems occur through user configurable thresholds and alarms, combined with email/text messaging and SNMP trap notification.
- Save a snap shot of all statistics kept by FaultLine in an Excel™ compatible file format.

Isolate hard-to-find and intermittent problems

- FaultLine collects over 300 MPEG2-TS statistics calculated every single sample interval for every single video stream, configurable to as often as once per second.
- Be assured of getting all the data. Full video line rate analysis and capture of video streams at line rates up to 1 Gbps. Up to 1024 simultaneous video streams.

Ordering Information

F1906A FaultLine Video-over-IP Monitor

Contact your sales representative for software support options.

	Hardware Requirements
Laptop or Desktop or Server PC	<ul style="list-style-type: none"> • Dual Core 2 GHz PC • 2 GB System RAM • Windows 2000/XP/Vista • NDIS compatible PCI Express NIC

