

- Correctness chunk list
- Download chunks
- Check whether chunk lists are updated
- CC error checks
- Visual alarm notification
- Status overview all services
- BF/FF/Silence checks
- Recording

id	2	
ServiceName	VOD (Click to play)	
Status	CC error in stream (12)	
Video	pid:256, type:MPEG4/H.264 (27)	
Audio	pid:257, type:ADTS AAC (15)	
Data	pid:258, type:DSM CC (21)	
Alarms	CC error in stream (12)	
Time	2021-04-19 4:55:32.447	
Time	Alarmid	Message
2021-04-19 04:55:28	12	CC error in stream

HLS analyzer settings

URL

Name ID

BRIGHT IP Analyzer

The BRIGHT IP Analyzer analyzes your TS streams, received via unicast or multicast. It notifies on problems in the stream, like CC errors, or missing PIDs. Monitoring can be performed 24/7 or scheduled. Characteristics and alarms are sent to a local or remote measurement node, which can be accessed via a web client. View stream details and alarm history, or play the stream in your browser

BRIGHT SRT Analyzer

Extend the IP analyzer with Secure Reliable Transport receiving capabilities to improve the reliability of the input, without increasing the latency. SRT input can be configured in listening, calling and rendezvous mode.

BRIGHT Stream Analyzer

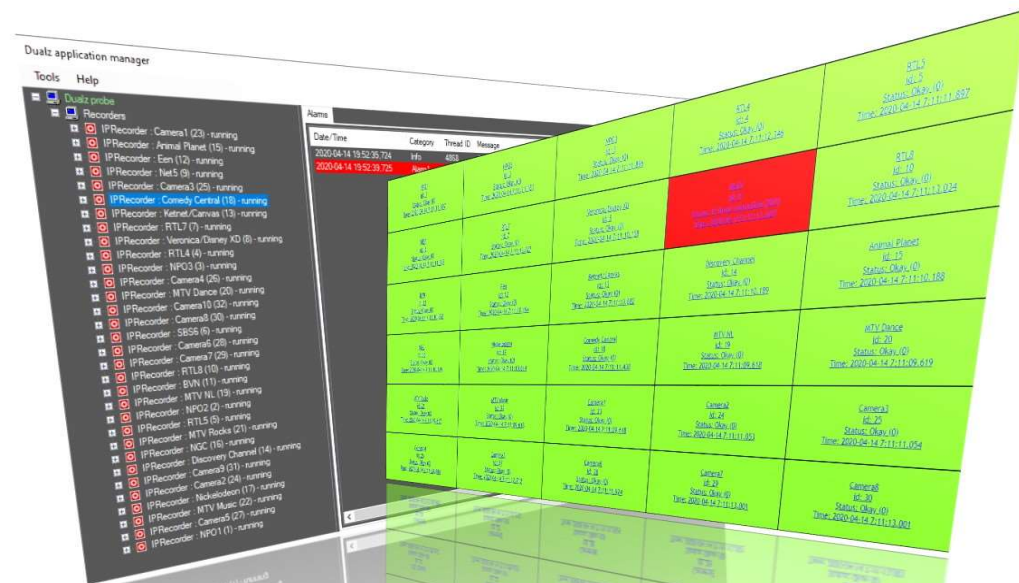
Extend the syntax analyzer with monitoring for decoding issues, and detect Black Frame, Freeze Frame and Audio Silence.

BRIGHT IP Recorder

Extend the analyzer with recording capabilities for later offline analysis. The BRIGHT IP Recorder stores your streams in fixed size chunks, 24/7 or scheduled. Storage can be on local disks, or remotely. Multiple streams can be recorded simultaneously

Features

- Unicast/Multicast/SRT
- Stream monitoring
- CC error notification
- SPTS/MPTS
- Multiple streams simultaneously
- PID monitoring
- Visual alarm notification
- Status overview all services
- BF/FF/Silence checks
- Recording



Tool settings

Input settings

IP NIC

IP

Port

ASI

DVB-T

DVB-S

DVB-C

Output settings

Location

Prefix

Chunk Size MB

Max size MB

Keep previous recordings

Name ID

BRIGHT Gateways

The BRIGHT gateways enable you to redirect, forward and transform your streams to other local or remote facilities, re-encode to other formats, make them available for other tooling, like the SMART DVB analyzer. The BRIGHT gateways can receive streams in UDP (unicast or multicast), SRT (calling, listening or rendezvous), RF/ASI (via Dektec) or HLS, or read them from file, and send them on in UDP (unicast or multicast), SRT (calling, listening or rendezvous), RF/ASI (via Dektec) or HLS (via our HLS Server instance), or write them to file.

Only send on a single SPTS from a received MPTS to the next phase in your validation chain. The gateways run on Windows and Linux systems, on premise or in the cloud

Features

- Unicast/Multicast/SRT/ASI/RF/HLS
- Forward or Transcode
- MPTS to multiple SPTS
- Includes a HLS server, to be used for HLS Edge provisioning
- Bitrate monitoring