WELCOME TO THE NPG ATSC3 LAB

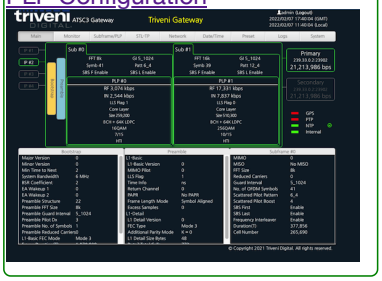
The NPG ATSC3 Lab is **ONLINE**

Interop Shared Folder

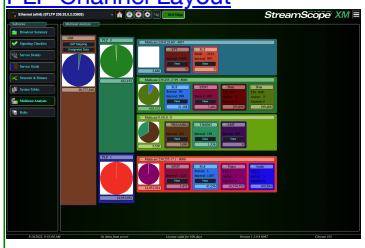
Current test: HDR

Resource List

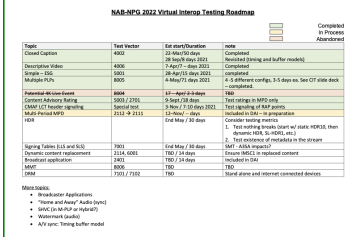
PLP Configuration



PLP Channel Layout



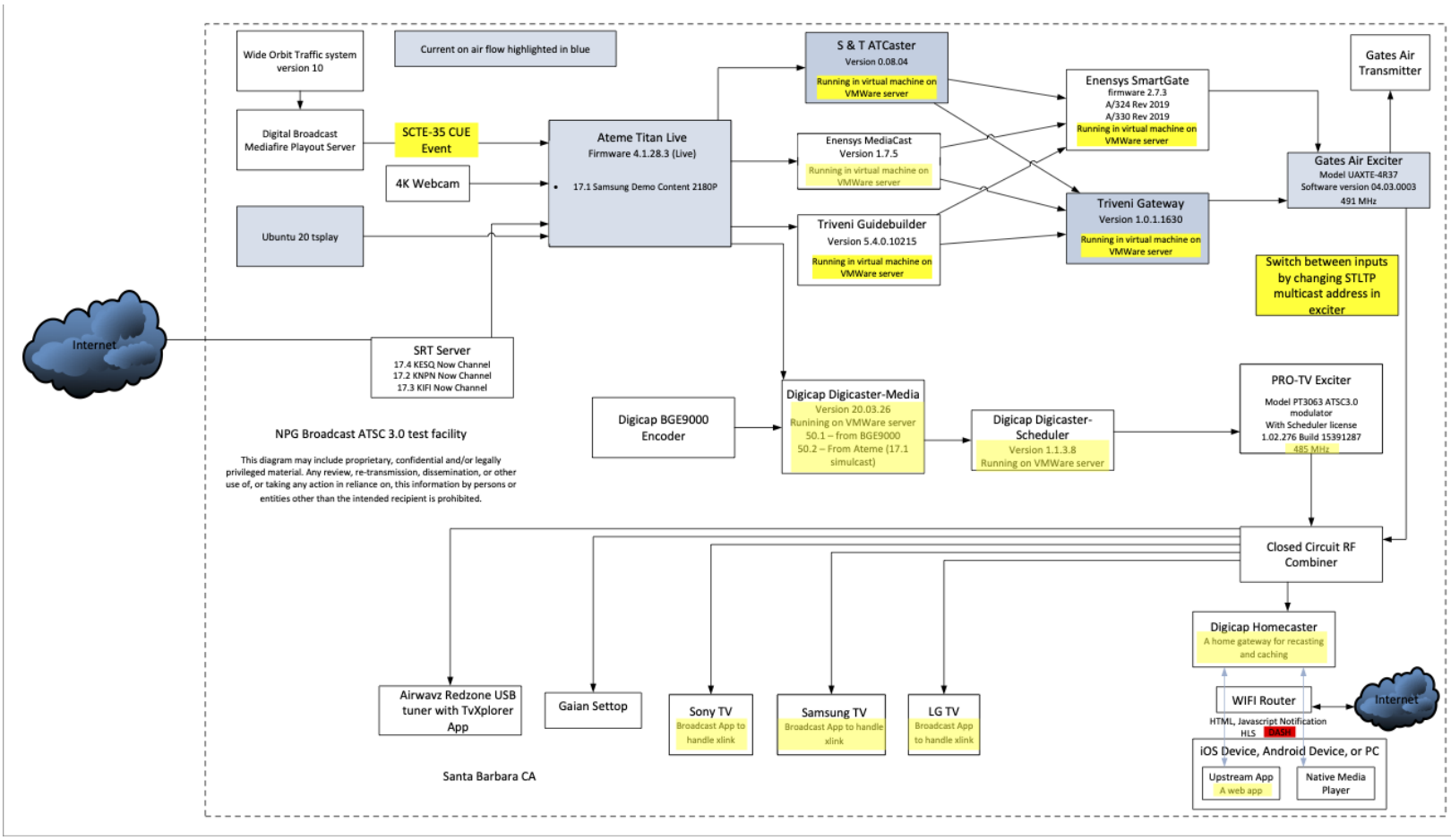
Interop Roadmap



NAB-NPG 2022 Virtual Interop Testing Roadmap

Completed
In Process
Abandoned

Topic	Test Vector	Est start/Duration	note
Closed Caption	4302	22-Mar/50 days	Completed
		28 Sep/8 days 2021	Revisited (timing and buffer models)
Descriptive Video	4306	7-Apr/7 – days 2021	Completed
Simple – ESG	5001	28-Apr/15 days 2021	completed
Multiple PLPs	8005	4-May/71 days 2021	4-5 different configs, 3-5 days ea. See CIT slide deck – completed.
Potential 4K Live Event	8004	17—Apr/2-3 days	TBD
Content Advisory Rating	5003 / 2701	5-Sept /28 days	Test ratings in MPD only
CMAF LCT header signaling	Special test	3-Nov / 7-10 days 2021	Test signaling of RAP points
Multi-Period MPD	2111 → 2111	12-Nov/ – days	Included in DAI – in preparation
HDR		End May / 30 days	Consider testing metrics 1. Test nothing breaks (start w/ static HDR10, then dynamic HDR, SL-HDR1, etc.) 2. Test existence of metadata in the stream
Signing Tables (LLS and SLS)	7001	End May / 30 days	SMT - AIBA impacts?
Dynamic content replacement	2114, 6001	TBD / 14 days	Ensure MBCL is replaced content
Broadcast application	2401	TBD / 14 days	Included in DAI
MMT	8006	TBD	TBD
DRM	7101 / 7102	TBD	Stand alone and internet connected devices

More topics:

- Broadcaster Applications
- "Home and Away" Audio (sync)
- SHVC (in M-PLP or Hybrid?)
- Watermark (audio)
- A/V sync: Timing buffer model