Wide Orbit Traffic system version 10

Current on air flow highlighted in blue

S & T ATCaster
Version 0.09.00
Running in virtual machine on VMWare server

Gates Air Transmitter

Digital Broadcast Mediafire Playout Server

SCTE-35 CUE Event

Ateme Titan Live
Firmware 4.1.30.0 (Live)
- 29.1 KSBB Multi-Period
- 29.2 NNPN
- 29.3 KIFIDT4

Enensys SmartGate
firmware 2.7.3
A/324 Rev 2019
A/330 Rev 2019
Running in virtual machine on VMWare server

4K Webcam

Enensys MediaCast
Version 1.7.5
Running in virtual machine on VMWare server

Gates Air Exciter
Model UAXTE-4R37
Software version 04.03.0003
491 MHz

Ubuntu 20 tsplay

Harmonic XOS
1.19.0.0.99
- 17.1 KSBB Multi-Period

Triveni Guidebuilder
Version 5.4.0.10215
Running in virtual machine on VMWare server

Triveni Gateway
Version 1.0.1.1630
Running in virtual machine on VMWare server

Switch between inputs by changing STLTP multicast address in exciter

Internet

SRT Server
17.4 KESQ Now Channel
17.2 KNPN Now Channel
17.3 KIFI Now Channel

Digicap Digicaster-Media
Version 20.03.26
Runining on VMWare server
50.1 – from BGE9000
50.2 – From Ateme (17.1 simulcast)

Digicap BGE9000 Encoder

Digicap Digicaster-Scheduler
Version 1.1.3.8
Running on VMWare server

PRO-TV Exciter
Model PT3063 ATSC3.0 modulator
With Scheduler license
1.02.276 Build 15391287
485 MHz

NPG Broadcast ATSC 3.0 test facility

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Closed Circuit RF Combiner

Airwavz Redzone USB tuner with TvXplorer App

Gaian Settop

Sony TV
Broadcast App to handle xlink

Samsung TV
Broadcast App to handle xlink

LG TV
Broadcast App to handle xlink

Digicap Homecaster
A home gateway for recasting and caching

WIFI Router

Internet

HTML, Javascript Notification
HLS DASH

iOS Device, Android Device, or PC

Upstream App
A web app

Native Media Player

Santa Barbara CA