

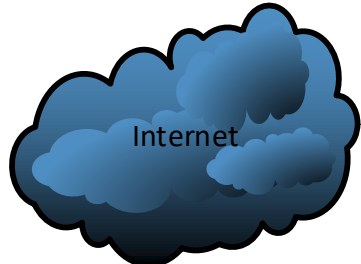
Current on air flow highlighted in blue

SCTE-104 CUE Event

SCTE-35 CUE Event

400 Mbps Fiber link

Santa Maria CA



Internet

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

Ate Titan Live  
Firmware 4.1.24.700 (Innovation)  
• 17.1 KEYT NOW HD 1080p  
• 17.2 KNPN NOW HD 720p  
• 17.3 KIFI NOW HD 720p  
• 17.4 KESQ NOW HD 720p

S & T ATCaster  
Version 0.08.04  
Running in virtual machine on VMWare server

Enensys SmartGate  
firmware 2.6.0  
A/324 Rev 2019  
A/330 Rev 2019  
Running in virtual machine on VMWare server

Switch between inputs by changing STLTP multicast address in exciter

Gates Air Transmitter

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

Digicap BGE9000 Encoder

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

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

Closed Circuit RF Combiner

Digicap Homecaster  
A home gateway for recasting and caching

WIFI Router



Internet

iOS Device, Android Device, or PC

Upstream App  
A web app

Native Media Player

NPG Broadcast ATSC 3.0 test facility

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Santa Barbara CA

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

HTML, Javascript Notification  
HLS  
DASH