



TELECOMMUNICATIONS AUTHORITY
of Trinidad & Tobago



Embrace the Future of Television

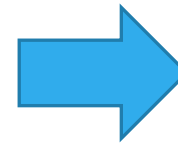
DTT Update and Progress

November 2024

Present FTA and possible DTT state

TV6	• 6, 18, 19
TTT	• 9, 13, 20
Parliament	• 11, 26, 29
CNC ₃	• 12, 14, 22
TIC (off-air)	• 4, 16

14 channels



TV6 + TTT + CNC₃ +
Parliament + TIC

• 15, 16*

2 channels*

* Channels can be added as stations adopt 4k

DTT Implementation Update

- Notice of adoption of ATSC 3.0 published in Jan 2023
- Existing FTA broadcasters invited to apply for their own DTT network by 29th March 2024
- RFP for shared DTT signal distributor issued from January to 10th May 2024, multiple bids received
- DTT Receiver Adoption Approach to be implemented by Finance Working Group
- **ATSC 3.0 Trial station installed at TV6 in Port of Spain in November on channel 24**



[illegible]



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DTT receivers

Hisense

TCL

NEXTGEN TV

SAMSUNG

SONY

- 30+ ATSC 3.0 TV models available
 - Hisense, Samsung, Sony, TCL, **Panasonic** coming
 - Samsung, Hisense available locally
- ATSC 3.0 receivers available
 - ADTH, Zapperbox, Zinwell

Hisense 65/75U75H



Samsung Q65S90CAFZA



Proposed Low-cost Nextgen STB



- 1080p, 1080i, 720p HD support
- RAM 256MB, Flash 128 MB
- 1 x USB 2.0
- 10/100Mbps ethernet interface
- HDMI out
- AV/RCA out
- Widevine L1 DRM support
- Broadcast IP channels, AEAT
- Infrared remote control
- Support for basic datacasting applications

Consumer adoption of DTT

- No impact to existing consumers of subscription TV services
 - Consumers can choose to cut the cord and consume local channels in HD over the air
- Existing free-to-air TV consumers can reuse existing UHF antenna
 - Access better quality (HD), more services, better features, improved coverage
 - Can purchase an ATSC 3.0-capable TV when replacing existing TVs
 - Can reuse existing TVs with ATSC 3.0-capable Set Top Boxes/receivers
 - Can employ ATSC 3.0 capable USB receivers on smart devices (laptops, TVs and tablets)
- Hisense and Samsung Nextgen TVs currently available locally at retailers



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DTT Public Awareness



Digital Terrestrial Television
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Supported by **NEXTGEN TV** with ATSC 3.0

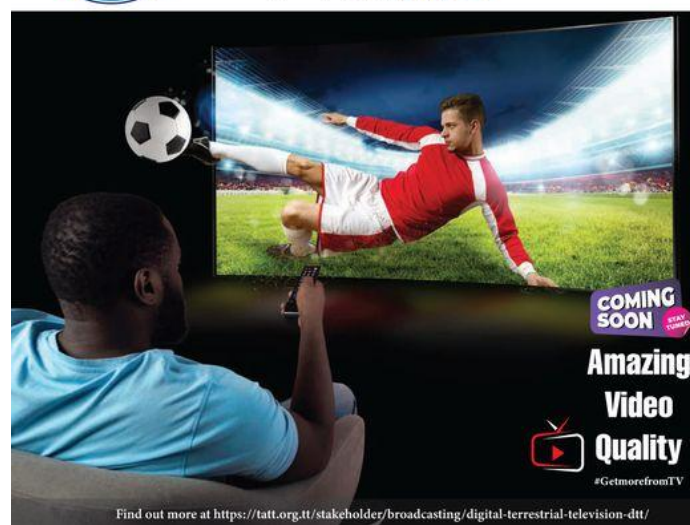


Find out more at <https://tatt.org.tt/stakeholder/broadcasting/digital-terrestrial-television-ddt/>



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Digital Terrestrial Television
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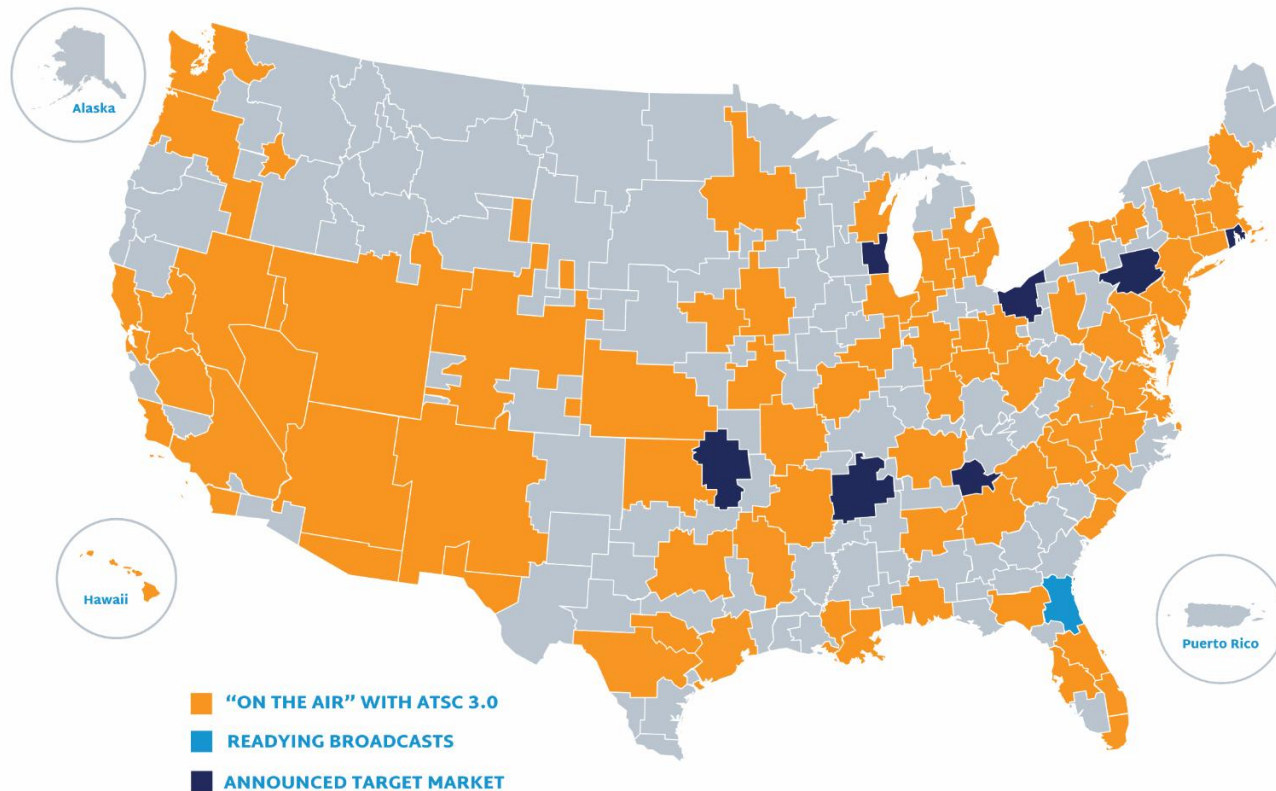
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Global Update - USA

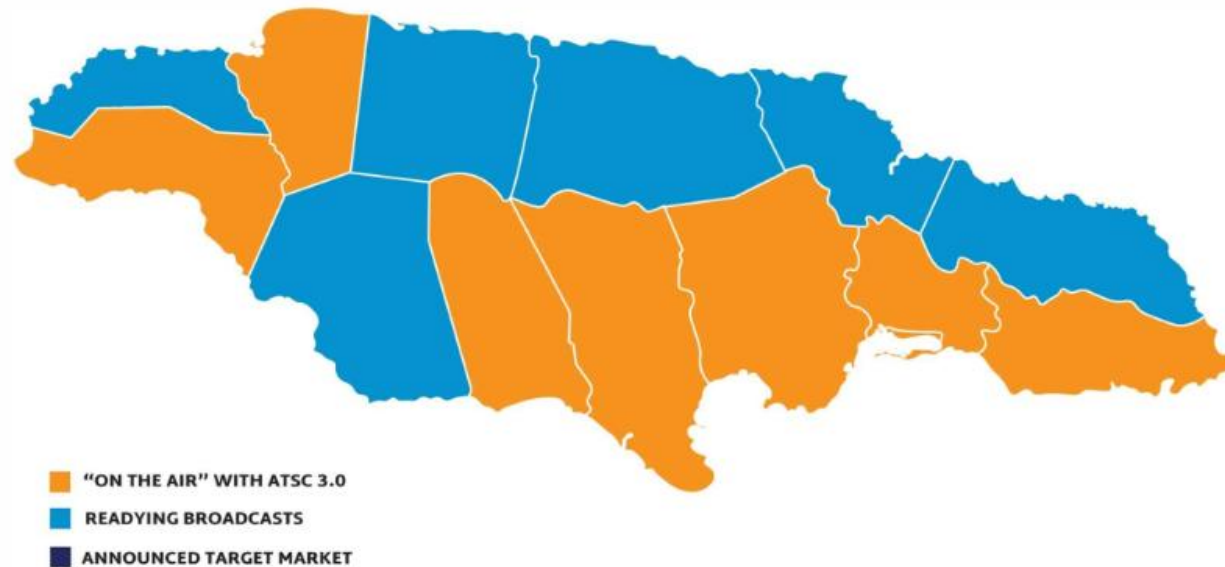


- 80+ markets have ATSC 3.0 on-air
- Approximately 80% coverage of population
- Deployments in 2024 to date
 - San Diego, California
 - Chicago
 - San Antonio, Texas
 - Tucson, Arizona
 - Portland, Maine
 - Myrtle Beach, South Carolina
- Jacksonville, Florida preparing to launch service
- 7 other markets in planning



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Regional Update - Jamaica



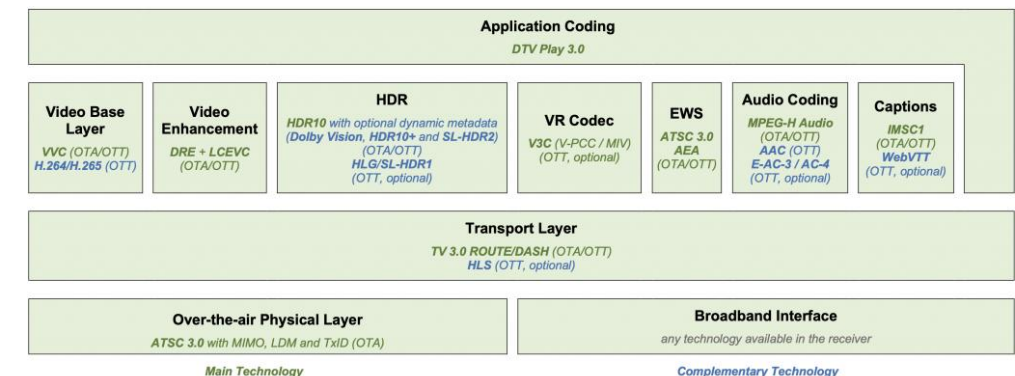
- 8 Transmitters operational by TVJ
- Achieved 66% household coverage
- 10 TV and radio channels carried on air
- 8 channels added for Olympics 2024 coverage
- NTSC network adversely affected by Beryl forcing switch over in some areas



Global Update - Brazil



- Completed field tests from December 2023 to May 2024 evaluating ATSC 3.0 vs ISDB-A
- Recommended ATSC 3.0 as the physical layer for new TV 3.0 standard in July 2024





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Thank You