



# INFINiTY

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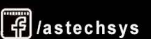
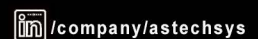


**Astech Systems Pvt. Ltd.**

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Email:sales@broadcastauto.com | Website:www.astechsys.in

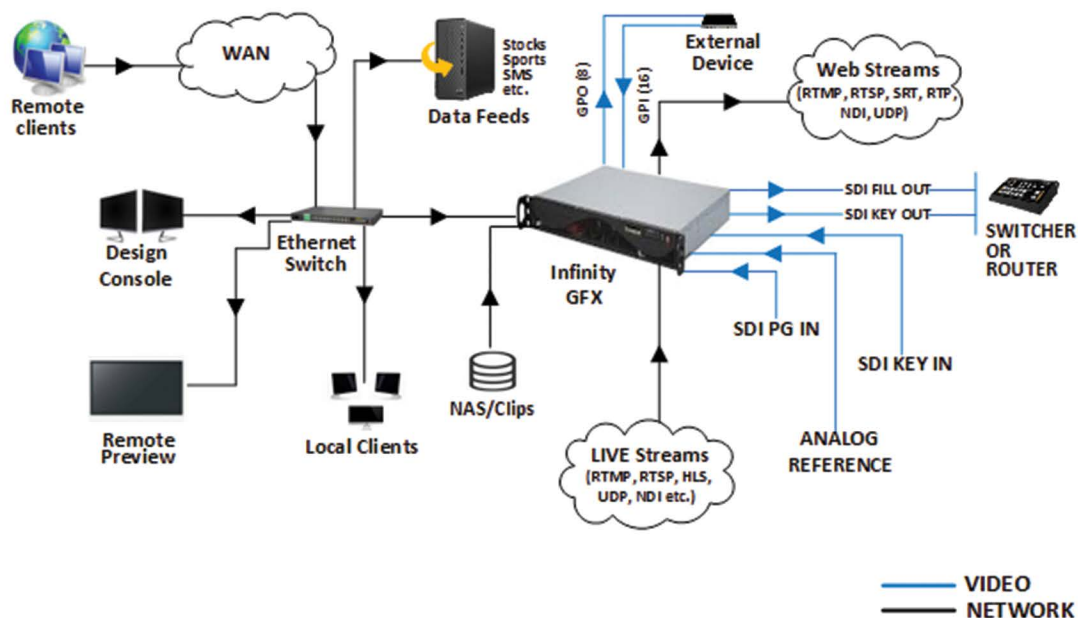
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# KEY FEATURES

- Unlimited Layers to Create and display fullest range of Visuals
- Output full range of On-Air Graphics: Logos, Clocks, Animations, Full Frame Graphics, Text, Images, Scrolls, Ads and much more
- Option for multiple outputs from a single server
- Full Unicode fonts support
- Integrates with External Data Sources and RSS feeds
- Comprehensive User Rights Administration
- License-free and unlimited Clients, local or remote
- Playlists-assisted Scheduling and Output
- Supports 24/32 bit images/animations in all standard graphics file formats like BMP, TIFF, TGA, PNG, MOV, AVI etc.
- Video Squeeze (DVE Effect)
- Generates comprehensive As-Run Logs
- API for Third Party Applications Development
- Full SD & HD/4K support
- Uncompressed SDI output (8/10 bit): Key/Fill output, SDI In & Out Downstream Keying, Genlock (Analog Reference)
- Web Streaming Option: Inbuilt encoder for RTMP, RTSP, HLS, SRT, RTP, UDP Streaming
- Stream your channel directly to Social Media like YouTube, Facebook etc.
- Auto failover relay bypass option
- GPI triggering for external devices

# INFINITY ARCHITECTURE



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# MODULES OF INFINITY GFX

## IG Design - A visual Template Designer

- Allow easy Drag and Drop interface to create any kind of template.
- Integrates with Centralized Media Manager.
- Complete external Data Integration.

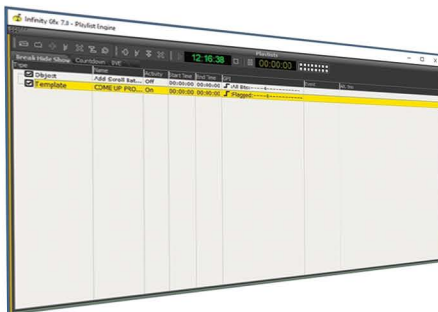
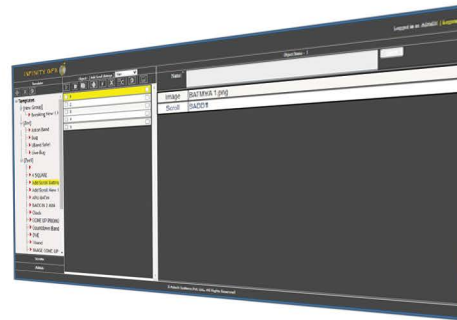


## IG Console - An Intuitive Operator Console

- Web based Console - No need for local installation
- Integrates with centralized Media Manager
- User designed grouping templates
- Centralized control through single console

## IG Output Engine - Infinity Output Engine

- Live Display of ON-AIR Objects
- Live Preview of ON-AIR Templates
- As Run Log
- Preview window for Templates before go ON-AIR.



## Playlist Engine - A powerful interface to trigger graphics based upon time and GPI

- Simultaneous multiple playlist
- Full 24-hour playlist with multiple triggers at the same time
- Items grouping for easy playlist management
- Playlist-integrated Output
- As Run Log
- GPI triggers to fire objects



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# TECHNICAL SPECIFICATIONS

## INPUT /OUTPUT

### Video In/Out (SD/HD/4K)

1 SDI Input + 1 SDI Output (8/10 bit)  
1 Preview (SDI/HDMI)

### SD Video

525i59.94 NTSC, 625i50 PAL

### HD Video

720p50, 720p59.94, 720p60 1080p24, 1080p25,  
1080p29.97, 1080p30, 1080p50, 1080p59.94,  
1080p60 1080PsF23.98, 1080PsF24, 1080PsF25,  
1080PsF29.97, 1080PsF30 1080i50, 1080i59.94, 1080i60

### 2K Video

2K DCI 23.98p, 2K DCI 24p, 2K DCI 25p

### Ultra HD Video

2160p23.98, 2160p24, 2160p25, 2160p29.97,  
2160p30

### 4K Video Standards

4K DCI 23.98p, 4K DCI 24p, 4K DCI 25p

### SDI Formats

SMPTE 292M, SMPTE 259M, SMPTE 296M,  
SMPTE 372M, SMPTE 425M, SMPTE 2081,  
ITU-R BT.656 and ITU-R BT.601.

### Analog Audio Inputs

4 Channels balanced analog audio via 1/4 inch jack connectors.

### Analog Audio Outputs

4 Channels balanced analog audio via 1/4 inch jack connectors

### AES/EBU Audio Inputs

2 Channels unbalanced with sample rate converter.

### AES/EBU Audio Outputs

2 Channels unbalanced, or 6 AES/EBU audio channels

### SDI Audio Inputs

16 Channels embedded in HD/2K/4K. 8 Channels in SD

### SDI Audio Outputs

16 Channels embedded in HD/2K/4K. 8 Channels in SD HDMI

### Video Inputs

1 x HDMI type A

### HDMI Video Outputs

1 x HDMI type A

### HDMI Audio Inputs

8 Channels embedded in SD, HD, 4K

### HDMI Audio Outputs

8 Channels embedded in SD, HD, 4K

### Sync Input

Tri-Sync or Black Burst.

## RACK SERVER SPECIFICATIONS

### Form Factor

2U server class system with mounting rails

### AC Voltage

100 - 240 , 50 - 60Hz, 70-3Amp

### Gross Weight

16.3 Kgs (32 lbs)

### Power Supply

570WAC Power supply (Single or Dual Redundant)

### Humidity

Operating 8 - 90% non condensing  
Non - Operating 5-95% non condensing

### Temperature

Operating 10-40° C Non-operating -40- +70° C

### Dimensions

W x H x D : 17.2" x1.7" x 19.8"

### Media

RAID 0/1

## TOWER SERVER SPECIFICATIONS

### Form Factor

MTX Tower

### AC Voltage

100 - 240 , 50 - 60Hz, 70-3Amp

### Gross Weight

8.50 kg (18.739 lbs)

### Power Supply

300W/500W/700W Internal Power supply

### Humidity

Operating 8 - 90% non condensing  
Non - Operating 5-95% non condensing

### Temperature

Operating 10-40° C Non-operating -40- +70° C

### Dimensions

W x H x D : 6.81" x14.52" x 16.53"

### Media

RAID 0/1

## PRODUCT OPTIONS

OPTIONS	INFINITY 7	INFINITY 7 WEB	INFINITY 7 WEB BASIC
LAYERS	10	5	3
USER	UNLIMITED	1	1
DVE ( L - BAND )	✓	✓	X
FAILOVER BYPASS	✓	X	X
LOCAL PREVIEW	✓	✓	✓
REMOTE PREVIEW	✓	X	X
FORMAT	SD/HD/2K/4K	SD/HD	SD/HD
SERVER PROFILE	RACKMOUNT	TOWER	TOWER
OPTIONAL OUTPUTS	3	1	0

\* Specifications are subject to change without prior notice.



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