



# WASP3D

#rtgfx4all

Version 3.5



Realtime 3D Broadcast Graphics



WASP3D is a comprehensive graphics system that reduces the complexities of end-to-end content creation and on-air delivery. Our aim is faster content creation and easier data integration in quickly delivering in-depth, visually stunning and sophisticated news presentations in realtime.

## Superior benefits at low cost for the clients' investments:

- Digital content production at considerably lower cost.
- Automating the entire process to bring down the variable cost.

## Unrivalled domain expertise in the broadcast sector:

- Serving the Broadcast industry for over 20 years now.
- 100+ employees in product development that understands each area of a TV station's demands.

## Engaging On-air content:

- Equipped with content generation tools that simplify producer's on-air decisions.
- Flexible tools to create on-the-fly content and visualize exactly how it will look on-air.
- Workflow that simplifies triggering of graphics.

## Extremely user-friendly interfaces:

- Eliminates the need for trained man-power
- Graphic artists can realize concepts quickly and meet tight deadlines.

## Partnership with leading technology providers:

- Strong partnerships with industry-leading innovators to provide efficient and engaging real time visuals.
- Common hardware for end-to-end graphics production and on-air delivery.







### **VIRTUAL/AUGMENTED GRAPHICS**

Brings unlimited creative possibilities to broadcasters with its Tracked and Trackless solutions offering hassle-free production. The solution comes packaged with the most demanding productions in both SD and HD.



### **INTERACTIVE GRAPHICS**

Interactive, touch-screen based graphics pave way for broadcasters to engage audiences by presenting non-linear, anchor driven shows and making data-analysis visually accessible for all.



### **CHANNEL BRANDING GRAPHICS**

Loaded with rich features that keep your audiences tuned-in, the solution simplifies the creation of a consistent brand-identity for a channel allowing for playout integrated, data-driven 3D graphics along with crawls, clocks, weather information bugs and much more.



### **SOCIAL MEDIA GRAPHICS**

WASP3D's Social Media Tree enables broadcasters to ingest and manage social media feeds such as Twitter, Facebook and others to generate data driven graphics without writing a single line of code.



### **SPORTS GRAPHICS WORKFLOW**

Provide viewers with fresh visuals is one of the strengths of WASP3D's Sports workflow. Integrating live data from scoring boards and multiple other sources, such as social media, is just the beginning as Sports graphics require different ways of presenting



### **ELECTION GRAPHICS WORKFLOW**

WASP3D Elections graphics template-based workflow can be connected to databases or integrated with live feeds, web sources and third-party data providers for powerful and effective elections coverage.



### **BUSINESS GRAPHICS WORKFLOW**

Intelligent workflow helps users to create and playout graphics that respond to real-time data updates & live feeds from third-party business data providers, be it single or multiple wire-feeds (Money line, Reuters, local newswires etc.) as well as social media.



### **ON-AIR/ NEWS GRAPHICS WORKFLOW**

WASP3D On Air graphics workflow offers design capabilities for creating 3D graphics and animation and can tightly integrate with NLE systems, Newsroom systems and Automation systems. The solution utilizes powerful WASP3D render engine to produce broadcast quality 3D text realtime.

### TVOne - Military Day Presentation



### Televisa – Augmented Graphics



### Derana-Election Augmented Graphics



WASP3D Virtual Set with augmented reality graphics brings unlimited creative possibilities to broadcasters with its Tracked and Trackless solutions offering hassle-free production. The solution comes packaged with the most demanding productions in both SD and HD.



### TVOne - Interactive Presentation



### Televisa – Interactive Presentation



### ADMC - Interactive Presentation



WASPi- Mimosa, an Interactive workflow pave way for broadcasters to engage audiences by presenting non-linear, anchor driven shows and making data-analysis visually accessible for all. WASPi- Mimosa can be configured to be used with touchscreen displays, tablets, immersive virtual graphics or video walls.

## Channel Schedule



## Now, Next, Later Bug



## L-Band Advertisement



WASP3D channel branding system provides broadcasters tools to produce, sync, schedule, automate and play out visually engaging realtime 3D graphics for branding, advertising and promotional purposes. Nectar's network-based workflow is scalable, catering to single and multi-channel networks.



### Astro Awani – Presentation



### Antena3 – Presentation



### News9 – Presentation



WASP3D's News graphics system is a newsroom (NRCS) integrated workflow that provides broadcasters with all the tools necessary to plan, create and publish news content from a single, coordinated system. The WASP3D News graphics system offers complete control over on-air content, story assignments, run-down management and many other features, right from the desktop and can be integrated with a wide range of third-party systems for a seamless broadcast workflow.

## Zee Business – Presentation



## Future TV – Presentation



## MTN – Presentation



WASP3D's Business graphics workflow offers broadcasters sophisticated tools to synchronize large amounts of financial data into dynamic and engaging visual information in realtime. "FinWiz", the feed handler module of the WASP3D Business graphics workflow.



## MBC – Sports Presentation



## TVOne – Sports Presentation



## PAN American – Sports Presentation



Sports graphics require different ways of presenting the story. Be it sophisticated full frame graphics, comparative charts or OTS instant clip presentations, or using interactive graphics through WASPi Mimosa, tracked Virtual Sets or Augmented Reality, the WASP3D Sports workflow addresses graphics productions in the studio and in the OBvan.



### KBS- Election Presentation



### Rede Bahia – Election Presentation



### Citizen TV – Election Presentation



Election coverage is the flagship of WASP3D's expertise in visually compelling storytelling. WASP3D offers the solution to managing complex data from multiple feeds and instantly converting it to dynamic and engaging visual realtime information. Broadcasters can rely on our consulting and staffing services to address data integration challenges to deliver a "turnkey" elections solution or can count on our assistance to guide them in doing it themselves.

### Poll Graphics



### Profile Graphics



### Trending Topics Graphics



Social Media graphics provides broadcasters with intelligence gathering tools to analyse and devise new ways to “data mine” for emerging patterns in a breaking news story or simply engaging with their audience by collecting opinion polls about their programs, trending topics, advertising campaigns, contests and other live interactions with the viewing public.



### Citizen TV – Business Graphics



### APN- Election Graphics



WASP3D Video Wall solution takes advantage of the full resolution that modern projectors and flat panels can deliver with upto 8 synchronized, high-resolution outputs from a single engine with a size of 1920 x 1080 pixels. With WASP3D video wall solution cut through budgeting with huge cost savings due to independence from proprietary controller applications for your video wall.



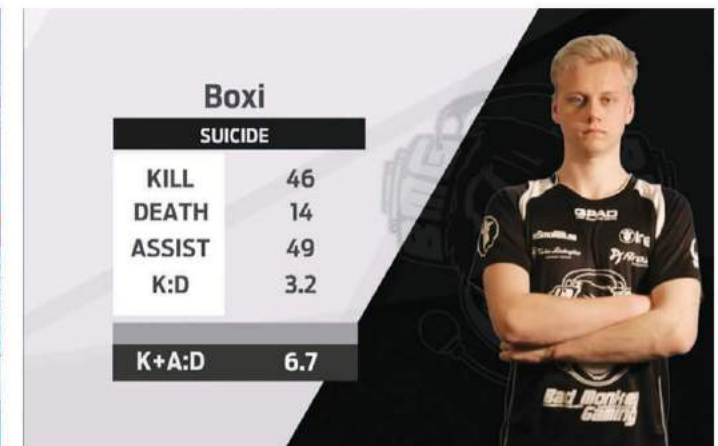
## Elections – Turnkey Services



## Sports – Turnkey Services



## Live Event – Turnkey Services



Enrich your on-air presentations by making data analysis interactive & engaging. Whether its Elections results, Business news, Sports analysis, Weather updates or a Live event's. WASP3D offers wide array of turnkey services to enrich any on air production. Our workflow is designed to meet the fast paced, time critical demands of Live TV broadcast.

WASP3D has a solid understanding of broadcast graphics design and brand identity creation, providing creative services for sports events, entertainment events, election programs, news programs, channel branding, and more. Our skilled creatives work on the hard task of making one's content eye-catching and easy to understand.



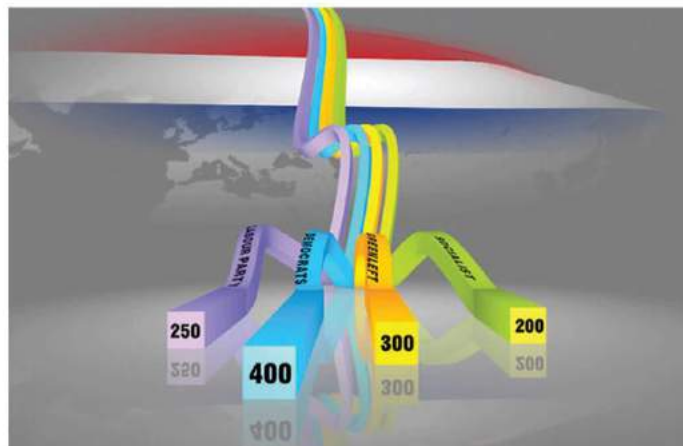




Texture Blending



Reflection



God-Rays



Reverse Play Animation



Bake Textures



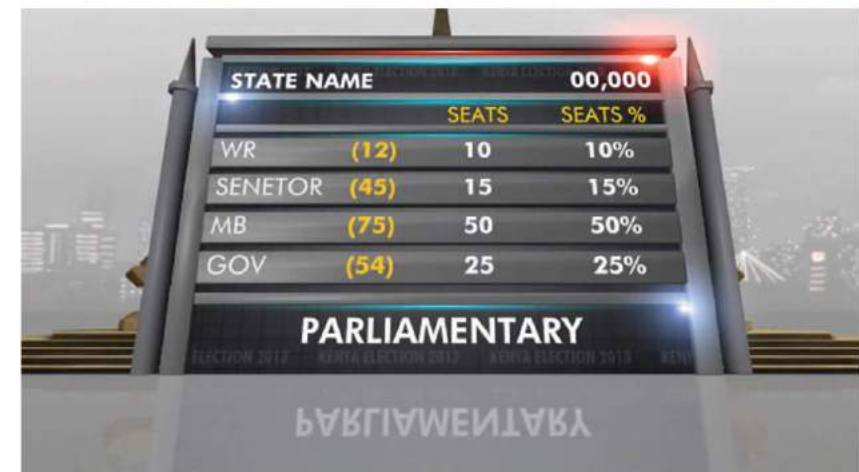
Animated Text Effects





WASP3D Community Edition is a fully functional free version for professionals to learn, evaluate & experience the software at no cost. Community edition suite consists of the real-time, 3D design authoring tool – Drone Designer and the realtime, playout engine – the Sting Server.

Now supports integration with:





#### WEB-TICKET BASED **SUPPORT**

Unique online ticketing system that ensures timely resolution and escalation of issues.



#### REMOTE ASSISTANCE **SUPPORT**

24x7 Technical assistance through internet and telephone.



#### ON-SITE **SUPPORT**

Resolve a technical issue quickly, and request a highly skilled technician to provide on-site problem resolution.



#### FORUM BASED **SUPPORT**

Put in your query on our forms to get help from WASP3D experts across the globe.



WASP3D is preferred by hundreds of broadcasters in over 40 countries worldwide including industry leaders such as:

 Aaj TV		 ABN	 ABU DHABI MEDIA COMPANY			 الريان قناة الريان الفضائية Al Rayyan Satellite Channel	 الراي AlraiTV	 الوطن ALWATAN TV	 ARY NEWS	 astro AWANI	 تلفزيون البحرين Baharain TV
 BANSAL NEWS	 BBS	 boishakhi tv	 NEWS Btv	 92 NEWS باصير-باولووي	 CITIZEN A Vision For You	 CBS COLLEGE SPORTS	 DAWN NEWS	 tvG	 Dogan	 EM TV	 EARTU إذاعة الأرض والفضاء Earth and Space Broadcasting
 Etv Network	 GALAXY TV	 Garena connecting world games	 GSTV	 gtv	 hmtv	 HTV	 India NEWS	 INDIAVISION INDIAN COMMUNITY CHANNEL	 i NEWS	 KTV 1	 KUNDA Bridging Our Nation
 KANAK TV	 kanal a	 kanal a haber	 KBC Kerala Broadcasting Corporation	 KBS	 Keralakaumudi	 KNN	 KTV 1	 KUNDA Bridging Our Nation	 maasranga	 MBC	
 MCOT	 METRO TV	 manorama NEWS	 NBC	 NEWS LIVE	 Odisha TV	 PRESS TV	 PRIME TV CATCH THE REFLECTION	 Raj TV	 RECORD	 rym	 SUN NETWORK
 السودان	 SUN NETWORK	 Televisa	 Turk TV	 tv9	 tvone	 Z BUSINESS					





We continue to build strong partnerships with industry-leading innovators to provide our customers with ever more efficient and engaging realtime visuals. WASP3D's open workflow integrates with a wide variety of broadcast systems to offer our customers better choice and versatility when addressing their unique business requirements. Some of our key partners are:



Headquartered in India, Beehive systems has offices in various geographies including USA, UAE, Singapore, Africa, Thailand & Mexico.

**INDIA**

B-37, Sector 1, Noida 201301, India.  
T: +91 (120) 430 8888  
Fax: +91 (120) 253 8359  
Email: [info@wasp3d.com](mailto:info@wasp3d.com)

**Middle East & Africa**

Office No: 108, DMC Building:06  
Dubai Media City, Dubai, UAE.  
T: +971507964867  
E: [info\\_mea@wasp3d.com](mailto:info_mea@wasp3d.com)

**USA**

Atlanta, Georgia, U.S.A.  
T: +17706273960  
E: [info@wasp3d.com](mailto:info@wasp3d.com)

**SINGAPORE**

T: +6583388232  
E: [info@wasp3d.com](mailto:info@wasp3d.com)

**THAILAND**

T: +66949544589  
E: [info@wasp3d.com](mailto:info@wasp3d.com)

**MEXICO**

T: +5215524973431  
Email: [info@wasp3d.com](mailto:info@wasp3d.com)





For more information on our products Visit: **[www.wasp3d.com](http://www.wasp3d.com)** or E-mail us at: **[info@wasp3d.com](mailto:info@wasp3d.com)**