VIRTUAL STUDIOS MOTION GRAPHICS
ELECTIONS NEWS & SPORTS EDUCATION
AUGMENTED REALITY PRESENTATIONS

SOLUTIONS

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Hundreds of installations in large, medium and small broadcasters all over the world use Brainstorm products daily for almost any real-time graphics-intensive requirement, from motion graphics, channel branding and virtual studios to news graphics, sports, weather and entertainment.

Brainstorm’s solutions are widely used to enhance content presentation, display real-time data and produce graphics in visually compelling and highly engaging ways. Such flexibility allows Brainstorm to expand its traditional broadcast market and access new areas such as education, children’s programming and corporate presentations.
InfinitySet

By far, the most advanced virtual set and AR solution there is

InfinitySet has taken the technology to a whole new level and entirely changed the rules. InfinitySet can cope with any need from advanced tracked virtual sets to inexpensive trackless environments. Most importantly, InfinitySet also solves your 3D graphics needs.

With virtually infinite virtual cameras and the industry-first TrackFree™ technology, which allows combining tracked, trackless and fixed cameras in the same production, InfinitySet is the most advanced solution for broadcast design and virtual set production available today. InfinitySet not only seamlessly integrates Aston projects, but now also includes graphics features of Aston so it can now edit, manage and create 2D/3D motion graphics or import them from a variety of third-party packages.

InfinitySet won the prestigious IABM Game Changer award at NAB 2015 for its latest and highly innovative technology and features, and the IBC 2015 “What caught my eye” program, being one of only a very small number of companies and products to be honoured in this way.

TrackFree™ is a new and revolutionary approach to virtual set production, including several industry-first features:

- **3D Presenter.** Converts the talent into a 3D object, casting real shadows and allowing for volumetric lighting, selective defocus and true 3D object interaction.
- **TeleTransporter.** Combines virtual sets with real characters and live or pre-recorded video feeds with precise perspective matching.
- **HandsTracking.** Triggers animations just with the simple movement of the bare hands, with no additional hardware required.
- **FreeWalking.** Allows presenters to move forward, backwards and sideways even while the real camera is in a fixed position.
- **VirtualGate.**
- **VirtualCAVE.**

ASTON

The designers’ choice for 2D/3D motion graphics

Aston is a motion graphics creation, CG and playout system developed with the designers in mind, created from the ground up to be extremely user friendly so the operators can concentrate on creation.

Designed for a robust on-air operation, designers can create, manipulate, animate and perform last-minute changes, even while on-air. For CG operation, Aston provides both the page-based workflow familiar to many designers, as well as the possibility of working with templates. Aston supports advanced real-time 3D Fonts with extremely precise rendering quality and extensive features and parameters. Aston also supports StormLogic, allowing both preset animations or customized keyframed timelines.

Aston integrates seamlessly into collaborative workflow environments.

Aston Designs can share objects, libraries, presets, properties, compositions or complete projects so they are available to anyone involved in the project.

Aston is resolution independent and works with any HD/SD flavour, 4K or even higher resolutions for larger screens. In addition, Aston is MOS compatible and also supports a wide range of 3D formats such as .fbx, .dae, .obj and .3ds, to name a few.

Aston Elections

Template-based 3D Graphics for Elections and Business

Aston Elections is an extremely user-friendly and intuitive template-based application intended for graphics coverage for broadcast elections. It is the result of more than 20 years of experience in delivering election projects to broadcasters such as the BBC, NBC, RTVE and Antenna 3 TV. Aston Elections can be used as a standalone solution or users of the InfinitySet virtual studio application can combine its graphics within a virtual environment. Using predefined or purpose-built templates, it allows for data presentation of complex and high-quality graphics for maximum visual impact and program enhancement.

NEURON

Broadcast Graphics Management

Neuron is a MOS-compatible, fully scalable template-based system that allows for complex graphics integration not only in the newsroom, but also in most of the common broadcast workflows, with the support of continuity and broadcast traffic as well. It integrates with the most commonly available newsroom and automation environments.

Forget all you know about virtual studios, as the award winning InfinitySet has taken the technology to a whole new level and entirely changed the rules. InfinitySet can cope with any need from advanced tracked virtual sets to inexpensive trackless environments. Most importantly, InfinitySet also solves your 3D graphics needs.

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An award-winning solution, InfinitySet brought cutting-edge virtual environment technology to the broadcast industry. With virtually infinite virtual cameras, InfinitySet has taken the technology to a whole new level and entirely changed the rules. InfinitySet can cope with any need from advanced tracked virtual sets to inexpensive trackless environments. Most importantly, InfinitySet also solves your 3D graphics needs.

InfinitySet is the most advanced solution for broadcast design and virtual set production available today. InfinitySet not only seamlessly integrates Aston projects, but now also includes graphics features of Aston so it can now edit, manage and create 2D/3D motion graphics or import them from a variety of third-party packages. InfinitySet is the perfect virtual set solution for any broadcast environment.

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