

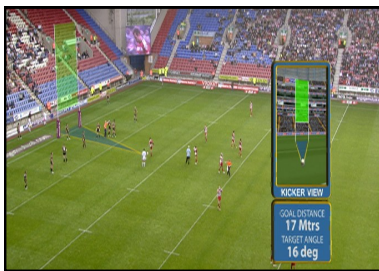


RT Software tOG for Sports Graphics

A family of proven products delivering reliable and high quality regular and value added sports graphics.

Attracting large audiences with engaging and exciting sports coverage is the objective, while offering sponsors unique and effective advertising opportunities. Real-time 3D sports graphics is an increasingly important part of achieving this goal. Indeed, regular sports coverage demands almost constant graphics. The RT Software team has been at the forefront in the design and delivery of sport graphics for over a decade, with leading names such as SkySports, Setanta, Fox TV, ESPN, BBC, TG4, BT Vision and many others adopting the RT

SPORTS GRAPHICS IN THE OB VEHICLE



Compact & Database Integration

Solutions for outside broadcast vehicles need to be compact, easy to use, well integrated to other devices and robust. RT Software delivers this and more. Our products operate on standard IT hardware with the possibility of having multiple tOG applications on one PC. They also have tight integration with

SPORTS GRAPHICS FOR LIVE PUNDITS



Customisable & Simple to Use

Back in the studio several pundits analyse the game. Enabling them to efficiently add graphics to video replays adds to the viewers' understanding and engagement. With individually customised interfaces on touch screens, RT Software provides a 2D/3D telestration solution that delivers just this for two pundits, with VTR control,

ADVANCED CUSTOMISED



Powerful & Engaging

Whether it is full-screen overlays with video feeds combined with a superior look and feel graphics, or customised highlights graphics (such as the steel ball in the photo above), you need the flexibility and capability to deliver outstanding graphics that really differentiate your channel. RT Software

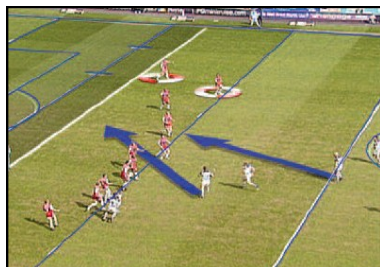
ON-PITCH



Encoded PTZ head technology

Using real-time 3D graphics to place sponsor logos and telestration graphics on the pitch provides new advertising revenue opportunities and adds to the viewers understanding of events (such as off-side lines). RT Software integrates with the leading encoded ptz heads to provide single or multi-camera on-pitch real-time 3D graphics that really look like they're

SPORTS GRAPHICS FOR ARCHIVE CONTENT



Line tracking technology

Adding real-time 3D graphics to live matches where you originate the feed is one thing, but think of the advertising and programming opportunities if you could do this to externally provided feeds and archive content. RT Software uses state of the art line-tracking technology to enable you to place sponsor logos, 3D telestration and other

THE VIRTUAL SPORTS STUDIO



Complexity Made Simple

While virtual reality sets can have great visual impact and offer significant time and cost savings over building and changing real sets, their design and operation can be extremely complex. RT Software though makes life simple. VR sets become smooth and efficient, with easy to use lens calibration, integration to leading third party VR devices and the

THREE PRODUCT FAMILIES, ONE tOG ENGINE

LEADING SPORTS BROADCASTERS ARE USING RT SOFTWARE'S tOG TO MEET THEIR REAL-TIME 3D SPORTS GRAPHICS TECHNICAL AND OPERATIONAL CHALLENGES, HELPING TO SUCCESSFULLY ENGAGE LARGE AUDIENCES AND ATTRACT NEW SPON-



Around the world leading sports broadcasters are increasingly adopting RT Software tOG to deliver the full range of real-time 3D sports graphics. With tOG's market-leading quality graphics and simplicity of use, these broadcasters are reliably delivering great entertainment and differentiating their premium sports coverage, attracting both large audiences and sponsors.

RT Software's three product families each use the same central tOG engine, which has consistently led the way for great broadcast graphics. tOG utilises IT hardware more efficiently to render more, at a higher quality than the competition. As all RT Software products use this same engine, there is a consistent workflow, and it is easy to upgrade in a family, or between product families. Flexibility,



tOG-3D FAMILY

The tOG-3D family delivers traditional real-time 3D graphics with functionality that makes them stand out. Clocks and scores, full-screen overlays with streaming video in the graphic, tables connected to sports databases, lower thirds connected to sports feeds and

- Clocks, scores and tables
- Full screen overlays with video streaming
- Lower thirds with data feed integration
- Sports database integration
- Sport specific interfaces
- Advanced customised graphics.



tOG-SPORTS FAMILY

Whether you want regular or value added graphics tOG-Sports is the solution. This family of products offers 2D/3D telestration by studio pundits, 3D graphics tied to the pitch on archive material using line tracking technology, and full integration with leading encoded ptz

- 2D/3D telestration with virtual stadiums
- Third party sports database integration
- Easy to use for pundits and presenters
- Customisable, intuitive touch screen interface
- Multi-camera encoded ptz integration
- Line tracking technology for archive & live



tOG-VR FAMILY

From single camera CSO keying to multi-camera full freedom of movement, tOG-VR makes the complex world of designing and operating virtual studios simple, integrating with leading third party VR equipment, and delivering the most realistic real-time 3D

- CSO keying virtual screens
- Static camera & bill-boarding virtual studios
- PTZ encoded head virtual studios
- Full freedom of movement virtual studios
- Augmented reality
- Easy to use lens calibration tools

About RT Software

- RT Software provides real-time 3D graphics solutions for all on air requirements including VR studios, sports, news, elections, entertainment and academia.
- Founded in 2004 and privately funded, its award winning founders had spent many years working for the Computer Graphics department at the BBC.
- RT Software is based in London in the United Kingdom. The company operates globally through a network of trained value added resellers.

Contact Us

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- Through one of our local resellers**
Our resellers are tOG-3D trained to provide you with local support. Please see www.rtsw.co.uk for more info.