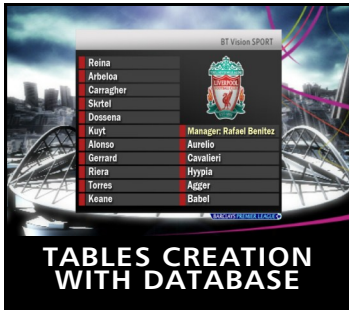


# RT Software tOG Lite

The cost-effective entry level to real-time 3d graphics for Sports, Entertainment, News and Elections.



**REAL-TIME 3D OVERLAY GRAPHICS**



**TABLES CREATION WITH DATABASE**



**OVERLAYS WITH STREAMING MPEG**



**TICKERS WITH NEWS FEED**



## tOG Lite Entry Level

Real-time 3d graphics can significantly enhance viewer experience for nearly all programme formats—including entertainment, sports, news, elections and academia.

Add 3d overlays, events and table graphics, streaming MPEGs, stills and smooth tickers, integrate to sports databases, news feeds and playout automation systems.

The problem though is how to enter the world of real-time 3d graphics without spending a fortune now, and ensuring that any investment you do make is a future proof one with a product that can be upgraded to meet your future real-time 3d graphics needs?

In short, you want a cost-effective solution that is powerful enough to deliver entry level real-time 3d graphics, but scalable

## tOG Lite Functionality

tOG Lite is RT Software’s entry level real-time 3d graphics product designed to meet this need.

As standard tOG Lite has all the tools and capability to efficiently and reliably deliver outstanding tickers, tables and real-time 3d full screen overlays. It also interfaces to third party databases (say for team information in sports, or election statistics), and data feeds (say for latest news or scores).

tOG Lite is a compact yet highly powerful product, using standard IT hardware more efficiently, to consistently deliver more graphics at higher quality than the competition. The result is outstanding graphics at a great price.

Designed by experts that are experienced in operating in live environments, and applying high quality coding standards, tOG Lite is easy and intuitive to use, and highly reliable.

## tOG Lite Scalability

tOG Lite uses the same tOG rendering engine as all RT Software products. It can therefore easily scale up to the most advanced and comprehensive real-time 3d graphics capability on the market.

Upgrade to tOG 3d Pro for more advanced 3d graphics effects such as simulating the movement of cloth and per pixel lighting.

Upgrade to tOG Sports to enable pundits in the studio using touch screens to add telestration graphics, to placing graphics directly on the pitch and laying-off graphics to craft editors.

Upgrade to tOG VR to implement the most impressive VR sets on the market, from bill-boarding to full freedom of movement and augmented reality.

And you need only pay the license fee difference for the software and upgrading to the required IT hardware.

## Applications



### Sports overlays, events and table graphics

3d clock and score graphics, with smooth looking tickers taken to air with only a few clicks.



### Entertainment graphics

Add streaming MPEGs, stills and tickers, with great graphics effects, to your entertainment programmes.



### News and Elections

Easily integrate with news feeds and automated news playout systems.

## Business Benefits



### Increased Audience Experience

Improve channel branding and presentation with the best overlays, tickers and tables on the market.



### Value for money

A low-cost and compact solution that delivers an impressive starting point for real-time 3d graphics.



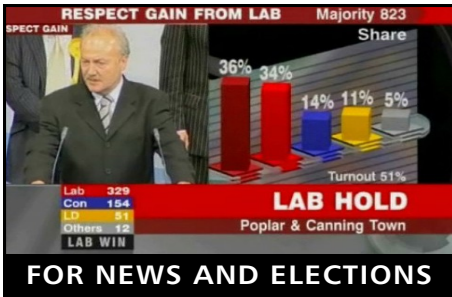
### Future-proof, scalable solution

Scale-up to more advanced sports and other real-time 3d graphics solutions from the tOG family.

## tOG Lite Overview



tOG Lite is the entry level product for the RT Software tOG families of products. tOG uses IT hardware more efficiently so that we can render more, at a higher quality than anyone else. tOG is open for designers, having supported .fbx for years and is easy to drive from its own playout screen or from third party systems. Easy to use and reliable, and with a more consistent workflow across the range of products, tOG simply delivers the best real-time 3d graphics at a very attractive price, whatever your programme or channel format or genre.



### tOG Lite entry level real-time 3d graphics

As standard, tOG Lite includes all the functionality that you need to reliably and quickly deliver great real-time 3d graphics...

**Overlays** - Use the tOG Lite wide portfolio of 3d graphics tools to create impressive 3d overlays that really differentiate your channel.

**Table creation** - Rapidly create professional looking tables for sports (team sheets), elections (results tables) or entertainment (winners lists) connected to external databases.

**Tickers** - Quickly and easily create smooth tickers, connected to external data sources (news feeds, sports results, quiz telephone numbers), with only a few clicks of the mouse.

**Incorporate streaming video** - Include a streaming MPEG video as part of, and integrating with, your graphics to add that extra visual impact.

### tOG Lite tools and capabilities

tOG Lite provides the graphics tools and effects that will make your graphics have more visual impact than the competitors, whatever your programme format...

**Materials and textures** - Create almost any texture using the shader tools, making graphics look like real materials.

**Mirroring** - Realistically reflect your graphics on other graphics, or reflect the actual sports video in the graphic.

**Animation paths** - Create great looking animation paths for individual or groups of items and letters.


**Warping** - Create unique visual effects with your graphics, changing shape of individual or groups of graphics.

**Up to 8 lights** - add up to 8 lights for the graphics, consisting of one main light, a back light and six specials, to achieve the required 3d visual impact.

## About 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.

 **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 the partners page on our web site.