

CyberSet – The World Leader Virtual Set



CyberSet – Powerful Solutions for Broadcasting



Identified Needs

Limitations of Physical Sets

Expensive and time consuming to construct

Inflexible, significant manual effort

Space limitations within studios, requirement for storage space

ORAD's Solution

CyberSet

Cost effective solution

Increases production capacity of physical studio space

Unlimited creative opportunities

Quick turnaround

HDTV quality

CyberSet



Superior proprietary technology

- Unique patented tracking technologies
- Free camera motion
- Powered by Orad's DVG, the most powerful scalable videographics platform
- In house technologies
- Economy is not scaled to # of cameras
- Automatic actor recognition
- Easy upgradeability to higher level solution
- Largest installed base – over 500, including WDR, RAI, ABC, CCTV



Cost-effective solution

CyberSet – the virtual set industry standard



"Virtual technology now offers the producer wonderful opportunities in creating sets with more flexibility than real ones as well as reliability as we have just discovered after a 42 hour continuous live broadcast from a virtual set"

Paul Vickerage, Head of Production, BskyB, UK (Using Orad's CyberSet)



CyberSet – High End Virtual Set



Orad's CyberSet is the most widely installed virtual set in the world.

No 3rd parties are any more required, Orad supplies all system modules, no maintenance, nor cross-vendor problems.

CyberSet is powered by Orad's DVG, the most powerful scalable videographics computer available on the market. It works with all commercial 3D modeling codes like Studio Max, Maya, Softimage and others.

Customers can choose the optimal camera tracking method fitting their studio, program requirements and budget to get the most precise image composition and free camera motion.

CyberSet is available in both standard (SD) and High Definition (HD) video formats.

CyberSet Light turn-key virtual set system in a DVG box



CyberSet Light is an entry-level virtual set solution where all virtual set functionalities are provided by the 1RU DVG box including chromakeying, extraction of camera's tracking parameters and foreground video delay.

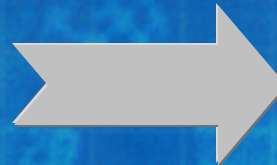
CyberSet Light is using Orad's proprietary pattern recognition algorithm calculating the cameras' orientation and zoom using the video itself.

MapSet – Optimization Tool



- **A tool developed to optimize lighting and shadows**
- **Transform light sources and shadows into textures thus saving rendering time & performance**
- **Automated process**
- **Create a rendering script for better rendering process**
- **Unique and proprietary tool to Orad**

Photorealism!!!



Sports Production Tools



Forum – Forum is a 6-channels disc recorder designed for (super) slow motion. It is an open system to be integrated with other Orad's sports products to allow more efficient and integrated solutions. The sports replay market has largely been dominated until now by one player. Forum represents a major technological breakthrough into this market



Thank you very much for your attention!