ACTIVEVIEW

ENHANCE VIRTUAL WORLDS WITH ACTIVEVIEW

ACTIVEVIEW allows the placing of multiple Picture-in-Picture (PiP) views at any position while displaying a 3D virtual model. It does this by simplifying the operation of rendering additional analogue and digital computer sources concurrently within advanced visualisation systems. **ACTIVEVIEW** gives the user the ability to review several inputs upon one of our ActiveWall or ActiveMove display systems simultaneously.

"PTC is using Virtalis' ActiveView software in its Corporate Visit Center. It is a really powerful tool because we can plug in different devices, such as laptops and tablets, and seamlessly toggle between them. We use Virtalis solutions for every single demo and the multiple picture-in-picture views mean we can display what we want where we want."

Josh Edmonds, PTC's director of demo development.

"We're very pleased with ActiveView - I just take a window from my laptop or iPad and put it where I want on the screen without disrupting what else is running."

Prof. Terry Hewitt of WTH Associates Ltd., who has commissioned a number of large scale visualisation facilities for the UK's Science & Technologies Facilities Council (STFC).

BENEFITS:
- Renders additional analogue and digital computer sources concurrently
- Single visual output generates up to eight PiP windows
- Negates the need for separate hardware
- Supports compositing
- Cost effective

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ACTIVE**VIEW**

EXPLORE, EXPERIENCE, EDUCATE

How it works

Virtalis **ACTIVEVIEW** acquires data streams from multiple auxiliary sources. The visualisation system's (host) workstation can accept up to eight sources, which can in turn generate eight concurrent Picture-in-Picture windows. Sources can either be regular 2D or stereoscopic 3D signals and are rendered in front of the principal application, be it a 2D or a stereoscopic 3D application. **ACTIVEVIEW** can also act as a compositor, so that a high resolution data stream derived from four physical sources may be composited and displayed as a single image at its native resolution or resampled to suit the nature of the visualisation system. The whole system is managed via the **ACTIVEVIEW** GUI that resides on the host workstation.

Control

The Virtalis StereoWorks control system can be programmed to determine the default size and position of recognised external sources. Subsequently, each PiP window can be resized and positioned using the host mouse. Provided the devices from which these sources are derived are connected to the same network as the host workstation, the host's keyboard and mouse may take control of the external application when the mouse hovers over its associated PiP window.

Installation

ACTIVEVIEW is available as an optional upgrade for our **ACTIVEWORKS** display systems or it can be retro-fitted to most Windows-based workstations. Other Picture-in-Picture systems require additional, expensive, external hardware, whilst the installation of ActiveView couldn't be more straightforward.

"When my laptop data is 3D enabled, I can display it as a stereo image via ActiveView and thus have the capability to display two simultaneous Virtual Reality models. Additionally, I can pan and zoom within each ActiveView window and it works on both our flat screen and our curved screen ActiveWalls. I can integrate a whole range of external sources, including video conferencing, without disrupting the visualisation environment or installing additional software. We've discovered ActiveView's competitors are either very expensive or restrictive, because they force you to place the additional window in fixed locations."

Professor Wander, Head of Scientific Computing, STFC.

SENSE, EXPLORE, UNDERSTAND

Virtalis is a world leading Virtual Reality (VR) and advanced visualisation company. Our systems and solutions give you the chance to really understand your information and your data, to interact with it and to foster communication. Whatever your industry or role, we can prove that advanced visualisation, simulation and VR offer a valuable return on investment. We will arm you with an essential set of tools to improve your competitive position, make your life more efficient and reduce your risk.

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