

ROUND UP

Colour critical print

HP has launched two new large format printers, the HP DesignJet Z6 Pro and Z9+ Pro, specifically designed for those that place a big importance on wide colour gamut and colour accurate printing. This includes GIS professionals and design visualisation artists

■ hp.com

Enscape for Archicad

Real-time rendering and VR software Enscape has released a Service Pack for Archicad 25. It will give access to latest features in Enscape 3.1, including the new material library, simplified assets, panorama gallery, and support for Nvidia DLSS (Deep Learning Super Sampling) technology

■ enscape3d.com

V-Ray 5 for Unreal

Chaos has released V-Ray 5 for Unreal, an update to its production rendering plug-in designed to import V-Ray scenes, bake lighting and render ray-traced images and animations in Unreal Engine. The new version is said to offer a new level of control over light baking

■ chaosgroup.com/vray/unreal

Construction One

Trimble has launched Trimble Construction One, a connected, cloud-based construction management platform designed to bridge the gap between constructible models and project financials during all phases of the construction project lifecycle

■ construction.trimble.com

Assisted reality

RealWear's head-mounted assisted reality HMT-1 device has been integrated Autodesk Construction Cloud. The ruggedised wearable is designed to give construction workers real-time access to information and expertise, while keeping their hands and field of view free for work

■ realwear.com

Inspection tech

FieldGenius for Construction Inspection from Leica Geosystems is a new solution designed to increase efficiency and accuracy of daily work reporting for inspectors and engineers in construction firms

■ leica-geosystems.com

Fuzor 2022 launches to boost a range of VDC workflows



Fuzor 2022, the latest release of the virtual design and construction (VDC) software from Kalloc Studios, has launched with several visual improvements to enhance realism, as well as many other functional updates for co-ordination and 4D construction simulation.

To boost visualisation on large projects, dirt maps can be used to add more realism, while 'tile mitigations' randomise repeated textures. Shadows are also improved so they are now reflected on water and there's a dust particle effect that adds realism when animating excavation using heavy machinery.

High resolution trees with multiple tree types help provide a more realistic

backdrop to 4D simulations, while mixed renders can be used in detailed animations to highlight specific parts of the model while everything else is rendered in wireframe to give context.

Finally, Fuzor 2022 includes scrollable textures help show direction, such as entrance / exit signs or to give the effect of concrete being poured.

Beyond visualisation, Fuzor 2022 introduces weight and volume estimation to help determine the most efficient delivery and installation method and adds the ability to export schedule and BIM data to platforms like Power BI for further data analysis. The software also includes enhanced clash detection reports..

■ kalloctech.com

CYPE focuses on OpenBIM for 2022

CYPE has enhanced the OpenBIM workflow for the 2022 release of its AEC suite with improvements to its cloud-based BIMserver.center platform and the optimisation of IFC file exchange.

According to CYPE, its BIMserver.center platform is being used on a daily basis by almost 95,000 professionals from 180 different countries, 18,500 of which have joined in the

first six months of this year.

There are also improvements to its 3D architectural modelling solutions and incorporated national and international codes. Most of the new developments centre on CYPE Architecture with updates including the creation of direct links to other programs, the export of BIM model information to other applications such as Open BIM Memorias CTE, and geometry editing improvements.

The 2022 version of CYPE also marks the launch of a new, free program for defining the initial conditions of a project site.

Open BIM Site is designed to establish the geographical location of the models, manage different types of maps, enter topographical surfaces and add elements to the site environment, such as plots of land and buildings.

■ cype.com