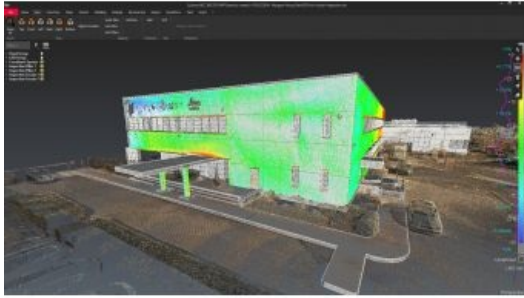


# Leica Cyclone 3DR Reality Capture Streamlines Point Cloud Processing



Leica Geosystems, part of Hexagon, has announced Leica Cyclone 3DR, the new reality capture software that fuses technology for centralised, full-scale point cloud management with advanced, automated point cloud analysis and modelling from 3DReshaper. The software delivers a simplified platform for surveying, architecture, engineering and construction (AEC), and tank inspection applications.

With industry-centric guided workflows, Cyclone 3DR includes a range of adaptable features for automating cleaning, modelling, meshing, extraction, inspection and reporting. An assortment of 3D deliverables can be created to meet the unique needs of reality capture professionals across a wide spectrum of fields. Specialized workflows, such as construction monitoring, tunnelling surveying and tank inspecting (based on the API

650/653 standard) are also available. Cyclone 3DR further connects the use of reality capture into multiple industries through its wide support of data formats, including IFC, STL, OBJ, VRML, DXF, STEP, IGES and more.

Based on Leica Jetstream technology that enables the rapid viewing and use of reality capture data, Cyclone 3DR streamlines the process of providing actionable information directly to clients. Cyclone 3DR leverages the combined expertise of 3DReshaper and Cyclone to deliver a solution to simplify data processing, visualization and delivery of high-quality meshes, reports and more.

“Our aim is to make the day-to-day working life of our customers easier,” said Faheem Khan, Leica Geosystems vice president of survey solutions. “We kept this front of mind in developing Cyclone 3DR. Not only will users, new and old, feel comfortable in the software’s intuitive user interface but we also specifically created familiar application-orientated workflows tailored for the industry and application our customers operate in.”

For more information, visit <https://leica-geosystems.com/products/laser-scanners/software/leica-cyclone/leica-cyclone-3dr>