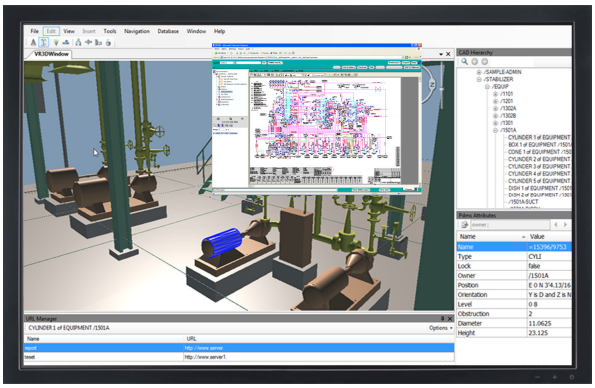
VRcontext

WALKINSIDE

VRcontext is a spin-off of Tractebel Engineering (a company of the “Groupe Suez”) and was incorporated in 2000. It is widely recognized for its flagship products, Walkinside® and ProcessLife® after a decade of pioneering VR technology development. VRcontext is committed to deliver excellent performance to its clients and is constantly striving to exceed their expectations. Being a young, dedicated organization, the company is continuously seeking to develop mutually rewarding relationships and partnership with value-add organizations. VRcontext delivers highly flexible solutions without compromising adherence to ISO and other standards.

VRcontext manages its business based on the principles of strong corporate governance, a clear system of management accountability, and a set of values and policies for quality programming. The corporate governance policies emphasize the importance of the relationship between the Company, its management, the Board of Directors and its shareholders.

Walkinside® is a powerful software application for 3D real-time visualization and simulation that automatically renders very large, complex, computer-generated models. Through its user-friendly menus, maintenance and safety engineers who are responsible for complex facilities are more capable of uniquely integrating competencies, information, and applications—across all disciplines and all business activities.



Walkinside also delivers decision-support applications by means of smart links to near-static databases (such as production, scheduling, maintenance, and document management) using the virtual 3D model as an intuitive 3D portal.

Walkinside’s patented Real-Time Collision Detection and Gravity Simulation technologies allow users to immediately and intuitively explore the virtual 3D model through the eyes of a virtual human character in ways that uniquely emulate real-life experiences, such as awareness of obstacles and interaction with them as ground and gravity restrictions apply.

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The benefits of Walkinside:

Engineering design

Walkinside provides engineering functionalities for project engineering and procurement phases, including:

- conversion of existing CAD and laser scan data to develop virtual models
- mark-up and comments on design, as well as verification of design integrity, through virtual walk-throughs by the project team
- viewpoints that are exchangeable 3D snapshots of areas in the VR model
- viewpoint e-mails and file exchanges for collaboration and communication
- queries that allow users to find equipment based on database information
- measurements including 3D distance and angle measurements in the model
- hiding equipment to place another object in its place or to measure the area
- redlines and comments on the virtual model shared with team members

Accessibility review

Both computer- and user-controlled avatars can interact in the virtual model.

- With patented gravity and object collision, they walk on surfaces and climb stairs
- They are stopped by railing, low-lying piping, and clutter
- Their walking, running, or swimming is rendered in real time via patented dynamic tessellation.

Asset management

Owners can improve asset ROI by offering operators the tools for quality decision-making through intuitive analysis. Walkinside is integrated to production systems so that operators can easily access electronic document management systems, such as SAP®, EMC/Documentum®, Opidis, and IBM/Maximo®, and the 3D virtual asset using mouse options in the applications.

- Integrated databases leverage existing CAD and other engineering databases, which are linked to the corresponding object in the model.
- Maintenance teams can visualize outstanding and future work certificates, as well as simulate complex change-outs, by moving plant- and materials-handling equipment through the model.
- Managers can effectively communicate status, plans, and incidents using a user-friendly virtual model that offers simulated recording options.

Trainees reduce learning curves through immersive and non-immersive training in a model of the actual asset.

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