



VALTO360°

Digitalization of Industrial Inspections



VALTO360° – Reporting, with Orientation and Visualization in one System

VALTO360° is a virtual navigation and reporting tool suitable for many different industry applications where reliable orientation and access to relevant data is needed.

Virtual operating and production environment

VALTO360° enables the virtualization of our customers, operating and production environments. We capture the selected plants or areas as 360° panorama images and create customer-specific virtual views and related navigation functions.

Object information and reporting from the field

It is possible to add object-related information to virtual views. The object information includes prestored information about the desired object, such as text, images, documents, video etc. The service also allows end users to report information about the objects from the field with mobile devices. It is possible to connect QR code labels to the service solution, marking the desired objects in the operating and production environment. The QR code is read with a smartphone or tablet, which opens the virtual view of the object directly on the terminal device.

User groups

Our customers can create their own user groups and views on VALTO360°, which enables the provision of services to different groups of personnel according to their tasks and needs. The customer can also add views and functions to VALTO360° to meet the needs of subcontractors, partners, and authorities, as well as their own customized needs.

Object information tracking

VALTO360° can also send and receive messages about the objects if there are events that require attention or action.

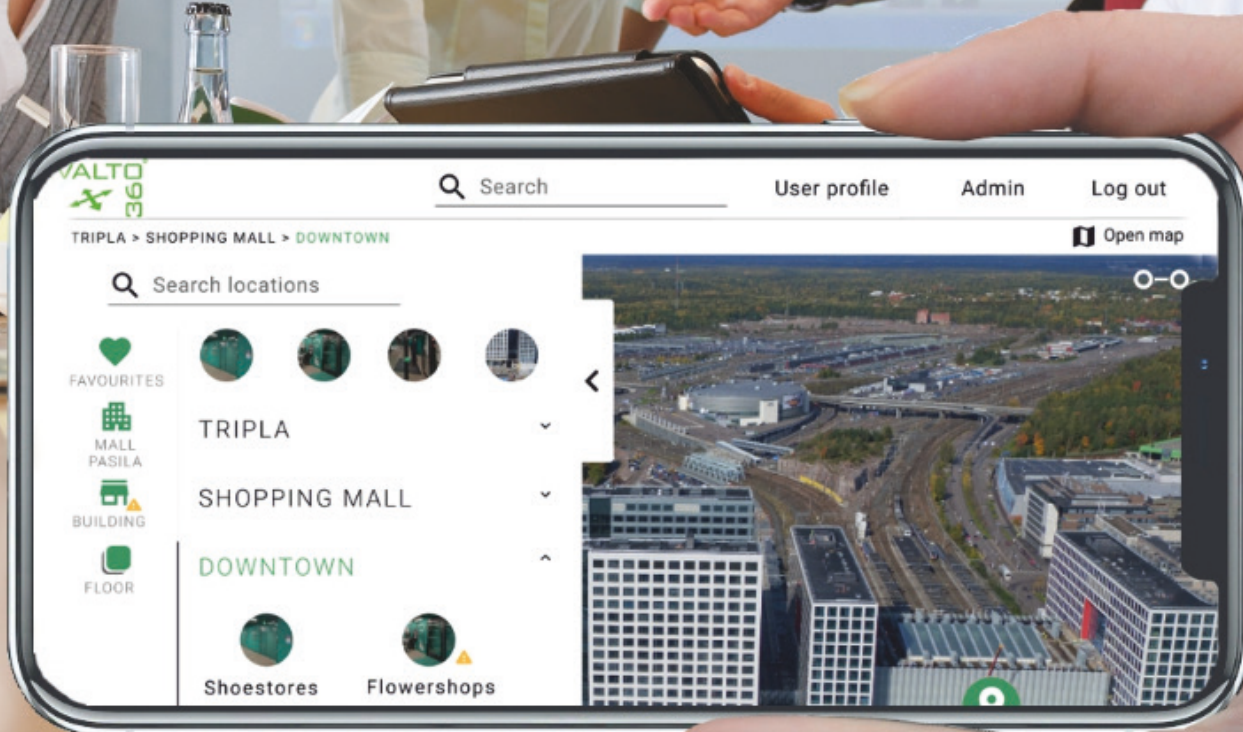


Integration with customer information systems

If necessary, we integrate VALTO360° into data source systems, whereby information and reporting points discuss directly with the client's own document management and reporting system.

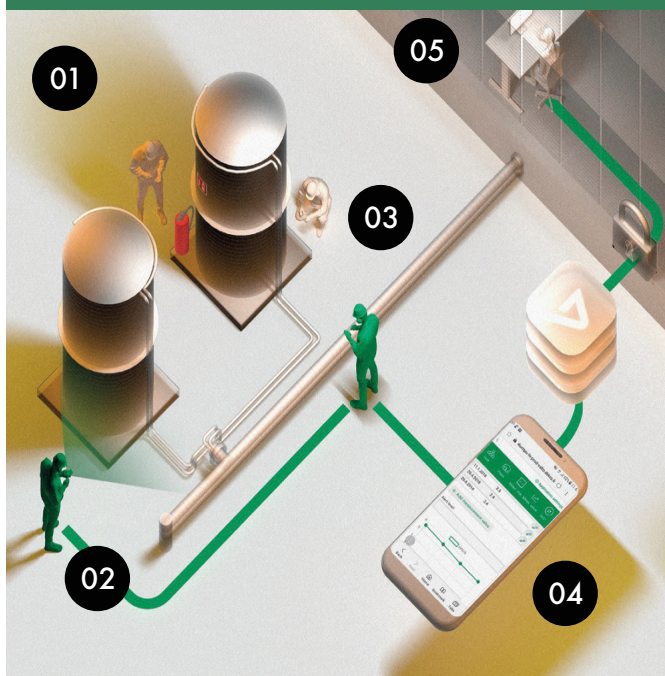
Service model and contract

The service can be implemented either as a Software-as-a-Service (SaaS) or as an On-Premise solution, so that the software is installed on the customer's own data network. The VALTO360° service agreement includes service implementation-related services, license, user and integration software licenses, and customer support.



The App at work

The days of inspecting with paper and pen are over: The application VALTO360° digitalizes the inspection of industrial plants. The infographic shows how VALTO360° works.



01 – Measuring the site

With a special camera, a 360° image of the inspection site is created. Points of interest such as pipes, pressure equipment, valves, and extinguishing equipment are tagged in the pictures. In the “real world” these points are marked with QR stickers.

02 – Identify the measurement point

With the help of the 360° images the inspection engineer orients himself on the site and identifies the measurement points using augmented reality.

03 – Measurement and data input

The inspection engineer scans the QR code with a smartphone or pad. After taking measurements, he inserts the results into the input mask.

04 – Data transmission

The data is transferred via the DEKRA Management System. The customer receives secure access to his data.

05 – Access to data

The customer can access the data anywhere with an internet connection and security clearance.

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DEKRA - Global partner for a safe world

DEKRA is working for increased safety in a variety of industries through independent inspection, testing and certification. DEKRA is Europe's leading expert organization with 44 000 employees in 60 countries.

With reservations for errors and changes.