eGo (PB5)

CADMATIC eGo enables plant owners, engineering planners, technical managers and other stakeholders in industrial projects to access the complete 3D model and design documents of new buildings and retrofitted constructions anytime, anywhere.

Key Features

- Get detailed 3D models by downloading from CADMATIC eShare or by opening CADMATIC eBrowser model files. Third-party 3D models can be converted with CADMATIC eXchangers for Aveva PDMS®, Intergraph PDS® and Intergraph Smart® 3D.
- Get project documentation (process flow diagrams, P&IDs, electrical diagrams, isometric drawings), component manufacturer documentation (component data sheets, installation instructions), and any other relevant documents from CADMATIC eShare.
- Browse 3D models and documentation offline, regardless of your location.
- Navigate in the 3D model using a touch screen, mouse or keyboard.
- Jump from a 3D object to the same object in a document, or vice versa.
- Find specific 3D model objects by using the search or reading a QR code.
- Measure distances in the 3D model.
- Add markups that consist of text, screen captures, 2D drawings and photos, and synchronize the markups to CADMATIC eShare.
- Update object-specific status information, show objects in colors indicating their status, and synchronize the status values with CADMATIC eShare.

Main Benefits

- Highly detailed 3D models and documents available on the go.
- Commonly used, easily transferable 3D model format.
- Visual tracking of project status.
- Up-to-date project data available from CADMATIC eShare.

3D Model with Documentation on the Go

You can install CADMATIC eGo on an off-the-shelf Microsoft Windows® tablet device and take on the road. 3D models with piping drawings, HVAC drawings, electrical drawings and other project documentation travel with you, and you can quickly check facts during meetings, phone calls, and site visits.

Facilitated Reviews

CADMATIC eGo adds intelligence and convenience to on-site planning and inspection rounds. As design data is completely portable, you can easily compare the digital design to the real-world objects, note down your observations, take photos, and attach the gathered information directly to the 3D model.

Use colors to visualize design data such as materials and nominal sizes.

Visual Status Tracking

3D model objects can have attributes that enable status tracking data to be gathered step by step—while walking around with CADMATIC eGo. For example, there can be an inspection status attribute for marking parts as having been delivered to the site, installed in the plant, and then either approved or rejected.

Status values can have a predefined status workflow, which can prevent unintentional, erroneous status changes from being made.

As the 3D model can show objects in colors that represent their current status values, status information can be visually acquired from the model. After synchronization, the updated statuses are also visible in eShare.

Get all your project data on a tablet.

Common 3D Model Format

CADMATIC eGo uses the same 3D model format as other CADMATIC products that use a 3D model viewer, such as eBrowser and eShare. You can use eGo to open eBrowser model files that you have stored in the tablet device.

CADMATIC eGo can also open 3D models created in other commonly used software systems. First the third-party models must be converted into CADMATIC eBrowser files with CADMATIC eXchangers.

Synchronization via CADMATIC eShare

You can get the most out of CADMATIC eGo by connecting it to your organization's network, and to CADMATIC eShare. Then you can download the latest 3D models and their documentation, and at the same time upload the data you have added or edited in eGo, to make the changes available to other people—also to users of the eShare for HoloLens augmented reality application.

Data Interfaces

- Download project data from CADMATIC eShare: 3D models, documents, markups.
- Open 3D models stored in the tablet in CADMATIC eBrowser (.ebm) format.
- Upload markups and updated status tracking values to CADMATIC eShare.