Desigo CC
Continues Innovation with BIM Viewer
Buildings are talking and generating data with every interaction

Enhancing Desigo CC with the power of digitalization enabled by BIM, creates a great competitive advantage.
What is BIM for Desigo CC?

**New way of working**

BIM Viewer is optimizing the visualization and monitoring workflows and improves collaboration across all contributors.

Information flow across the entire building lifecycle
Continuous innovation

BIM Viewer

Compliance with BIM specifications

Increased transparency to reduce the reaction time for an operator

A new way of operating and monitoring smart infrastructures

Visualize real time values with 3D models and 360 degrees view
Desigo CC BIM Viewer

Visualization of 3D BIM models in Desigo CC with direct navigation via the mouse

• Desigo CC supports the integration of BIM (3D) models into the platform
• Desigo CC BIM Viewer is optimized for Desigo Room Automation projects
• Provides hierarchical navigation to building, floor, room, room inside view, room equipment
• Provides 3D navigation to the model directly via the mouse. On top it makes possible to navigate through windows, stairs and doors
• Displays current runtime (online) data and tooltips that help identify the equipment
Navigation within the building levels (including floors and rooms) provides various visualization possibilities

- Provides a quick overview of the **energy efficiency state** of the building (room temperature, window state, occupancy state, lighting and blinds state)
- Provides an overview of all **active events**
- Filters the different **graphical views** of the building (e.g., show/hide walls or windows)
- Offers an **X-Ray view** to “look through” the building model
- Offers **geo-location** coordinates via Google Maps, and displays **product documentation**
• Display the real-time values that help identify the actual state of the field devices at any time

• Temperature KPI transparency
• Window state monitoring
• Lighting transparency
• Blinds state monitoring
Digitalization with Desigo CC BIM

Event treatment

Product data and information

Geo-location information
Prerequisites

- Desigo CC V4.2 or higher
- Installed extension module BIM viewer
- Available IFC files of the model exported from a BIM tool (e.g., Autodesk Revit export)
- Naming conventions present (e.g. room, space names) and already engineered in the BIM tool (definition of hierarchies)
- Room equipment already engineered in the BIM Tool (optional)
- Available data from the field network level (e.g., Desigo room automation – SiBx files)
- Naming alignment of the Desigo CC object descriptions with the ones given in the BIM object names
- Desigo CC engineering know-how
Better. Of Course.
Desigo CC V4.2  BIM Viewer