

# Gain operational efficiency with BIM and Digital Twin

Siemens Ecodomus platform for creating Digital Twins

# Digital Twin is a System of Integrated Applications a virtual copy of the actual facility

## Enterprise Resource Planning (ERP)

SAP, Oracle Financials, IFS, Infor, etc.

## Building Geometry Authoring (BIM)

Autodesk Revit, Bentley AECOsim, Graphisoft ArchiCAD, Tekla, IFCs

## Space Management (CAFM/IWMS)

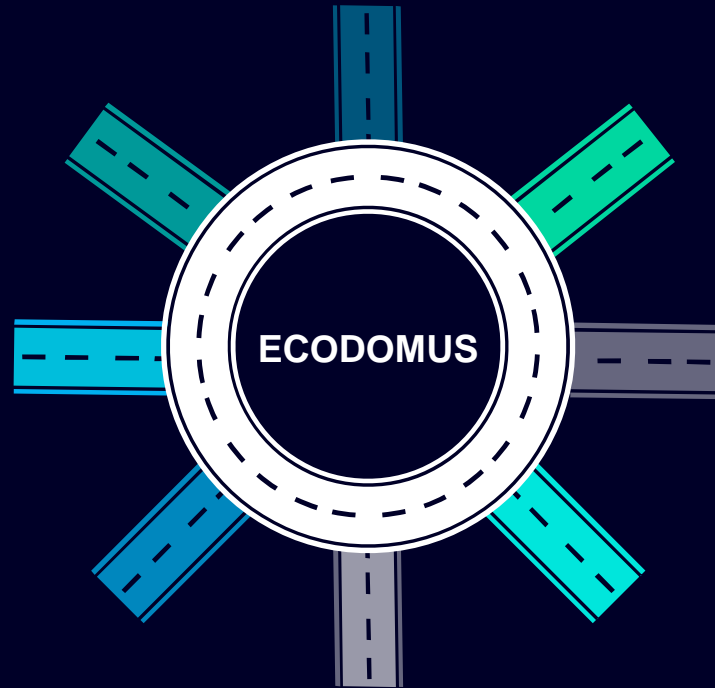
Oracle Unifier, TRIRIGA, ARCHIBUS, Planon, Manhattan, etc.

## Maintenance Management (CMMS)

IBM Maximo, Accruent, eMaint, FSI, TMA, AssetWorks, Corrigo, etc



Augmented Reality, AI/ML, Predictive maintenance, Process simulation, energy analysis, etc.



## Electronic Document Management Systems (EDMS)

ProjectWise, Autodesk 360 Docs, Aconex, Alfresco, BlueCielo, etc.



Drones for indoor/outdoor navigation: Space mapping, deliveries, video streaming, inspections, etc.

## Geographical Information System (GIS)

CityGML, IndoorGML, ESRI ArcGIS, Mapbox, Oracle Spatial

## Project Management (PM)

Procore, Primavera P6, Oracle Unifier, PMWeb, Prolog, e-Builder, etc.

## Building Automation System (BAS/IOT)

Siemens Desigo CC, Microsoft Azure IoT, JCI, Schneider Electric, OPC, BACnet, etc.



QR/Barcodes, RFID, CCTV, vibration sensors, concrete sensors, etc.

**Case Study:  
Existing  
Facility  
Digital Twin  
by  
Ecodomus**



# Case Study: Construction Digital Twin of the Metro Line by Ecodomus

The logo for Ecodomus, featuring the word "ecodomus" in a lowercase, rounded, sans-serif font. The letter "o" is stylized with a dot in the center, resembling a lowercase "d". The logo is centered on a light blue background.

# Augmented & Mixed Reality Interface



“Gain operational efficiency with BIM and the Digital Twin”

# Contact

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