#### **PROLOGIS**

# STANDARDIZED DESIGN AND **CONSTRUCTION WORKFLOWS TO** SAVE TIME, REDUCE COSTS, AND ENHANCE OPERATIONAL EFFICIENCIES

Global real estate solutions provider turns to Revit, Assemble, and the Autodesk Construction Cloud to create an integrated solution to data capture and management for increased visibility and control over their project assets. The use of BIM and cloud tools are delivering a common data environment, managing the move to 3D, and connecting stakeholders.

Images courtesy of Prologis

Prologis, a global leader in logistics real estate solutions, partners with its customers to support the development of approximately 5,000 logistics facilities worldwide. With so many operating assets, Prologis wanted to standardize data capture across the project lifecycle from design to operations to unlock efficiencies in capital planning and management.

### Outcomes achieved



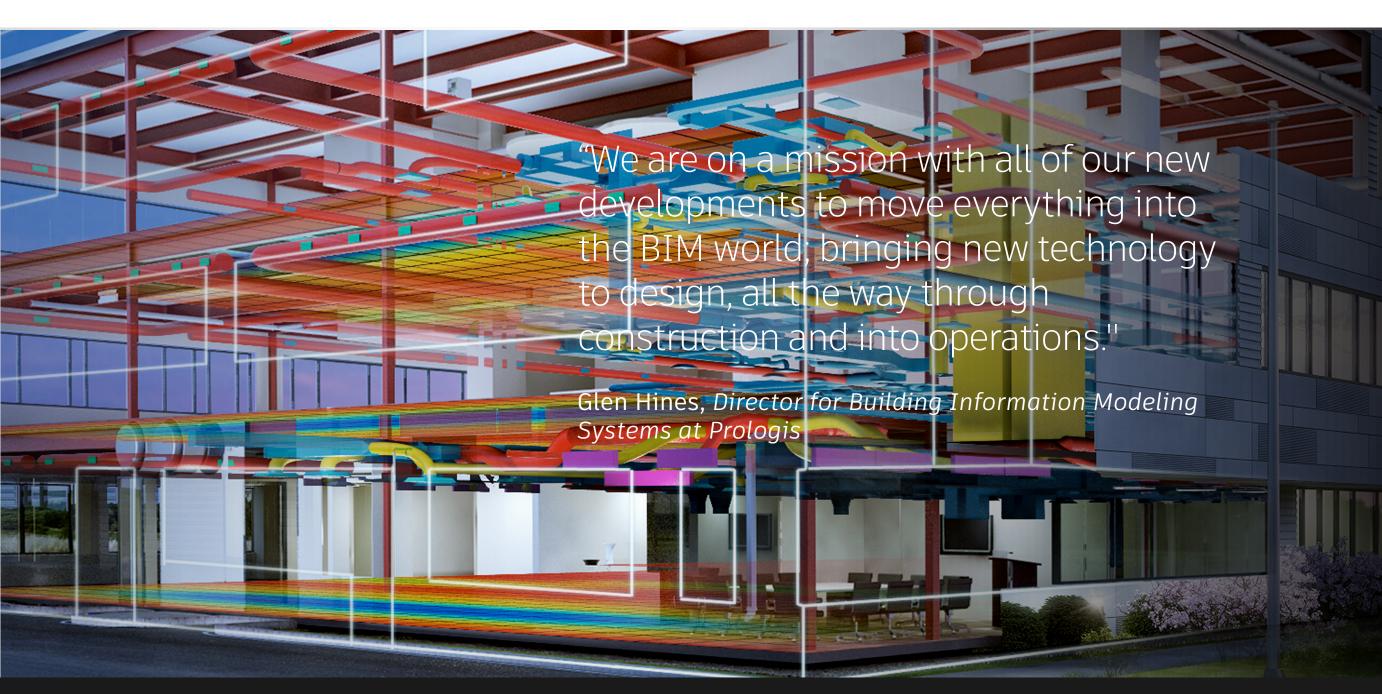
Shortened design cycles and schedule with transparent access to real-time data



Reduced design costs with model standardization



Improved insights for future delivery and operational efficiency of assets



### How they did it Prologis' methodology



### Meeting operational challenges

Using BIM to support the building's entire lifecycle

Prologis had developed an approach to creating a portfolio of repeatable

assets but needed to find a solution to better capture data from them and leverage insights that could improve future delivery and operational maintenance. Prologis also needed to consider the vast list of stakeholders without BIM skills who needed to utilize the models, so it was crucial the information provided was consistent.

With the maturity of the data they're capturing, Prologis' operations team can directly access information for any piece of equipment, regardless of location, to get a better idea of what they're working on. Having data seamlessly move across the project lifecycle removes the guesswork at project handover.

## Unified platform to connect teams

Use of a common data environment for shared data

With BIM 360 on the Autodesk Construction Cloud as the common data environment, Prologis' teams can connect in real-time and have visibility into the latest model regardless of location. In addition, with a connected platform, changes made in one part of the model automatically sync with other parts of the model, streamlining and enhancing workflows.

Integrating Autodesk tools and workflows allowed Prologis to promote collaboration between project partners. This approach helped overcome the barriers of individual standards to develop a unified approach to sharing information and managing data, reducing the overall risk that can cause schedule delays and cost overruns.



#### The bottom line Key benefits of Prologis' approach







**REAL-TIME STAKEHOLDER COLLABORATION** 

STANDARDIZED DESIGN REQUIREMENTS

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**EXTENSION OF PROJECT** DATA TO OPERATIONS

"We want to be able to get information to everybody faster. If we capture the data upfront in design then we have everything at our fingertips. Without the use of BIM and cloud tools, this wouldn't be possible"

Glen Hines, Director for Building Information Modeling Systems at Prologis

