AUTODESK Tandem | Tandem 101: Twin Building

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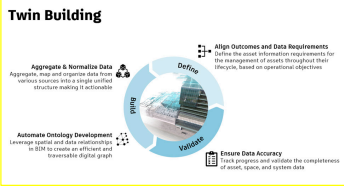
How does one get started?
This guide provides a workflow for Twin Builders who want to get started in their journey of implementing a digital twin solution that meets their owner's business goals.

How to use this document?
Read this document in sequence. Each card includes icons for a video or article with a hyperlink that will point you to an external website

Still have questions?
Post your question in the Tandem Forum

Twin Building



Core tasks to create a Digital Twin

Additional Resources

Getting Started

Tandem Sign-in
- Setup Tandem Sso
- Log in to the Tandem application at the link below:

tandem.autodesk.com

Team and Account Management

Facilities Overview

Import a Model
- Model-source
- Importing Revit Phases vs 3D views

Know the pricing plans for **Assets** and **Streams**

Pricing Plans

FAQ: Tagged Assets, Streams, and Usage

Things to consider....

Availability of 3D models

Access to data from IT/OT/IoT systems

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Define Requirements

Define...

Specify Overview

Classification
- Industry Classification
- Unique for your organization!
- Tandem Categories

Parameters
What data do you need to collect for Assets, Spaces, Systems?

Facility Template
Repeatable data specification

Things to consider...

How can owners get the right data?
Classify assets
Define a common organizational ontology to organize, access and use data across different teams and stakeholders
Standardize data points
Define a common asset data standards (which is specific to asset type) and workflows across design, construction, and operation
Data collection
Use a mobile app or point cloud software to capture data and connections, capture data from existing systems or do the work manually
Lifecycle stage
Define when each data point is added to align with the project phase and project progress
Data collection
Data source
Data quality
Data ownership
Data access
Data security
Data integration
Data governance
Data standards
Data ontology
Data classification
Data lineage