

Syyclops Platform Changelog

Generated 2026-03-09

3D & Document Modes, Collections, AI Side Panel & 2FA

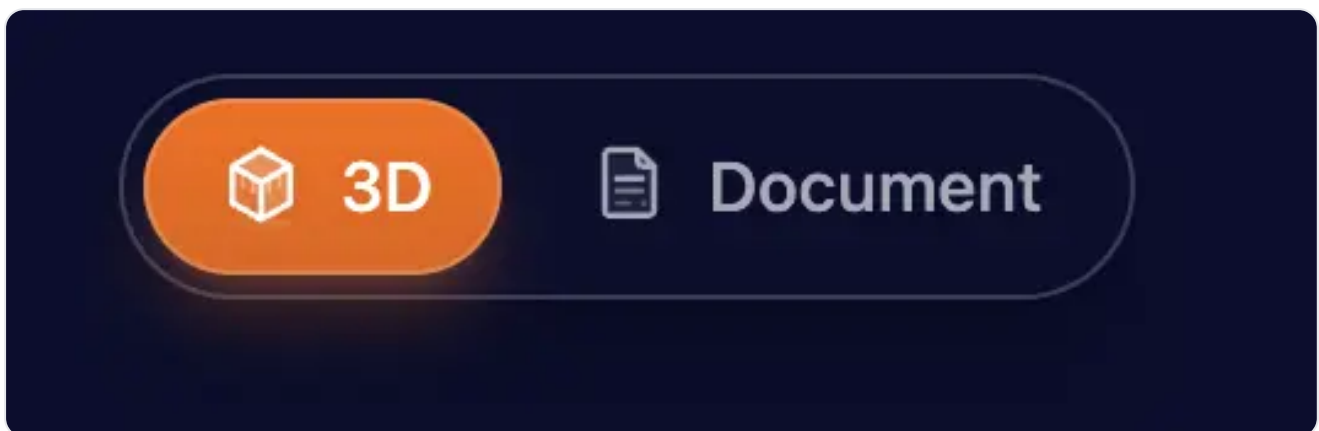
3D vs Document Mode

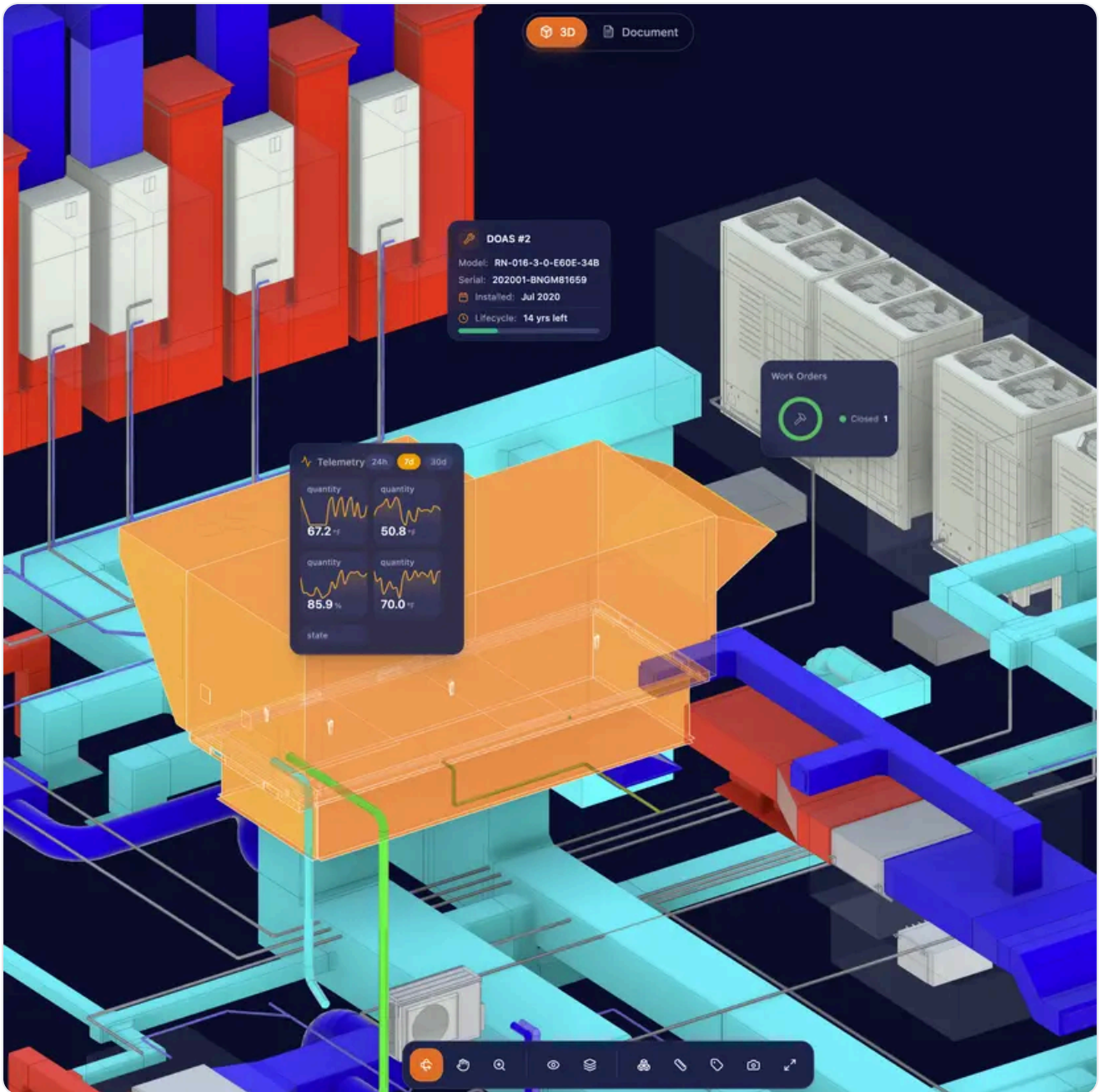
The twin detail experience now supports two distinct viewing modes.

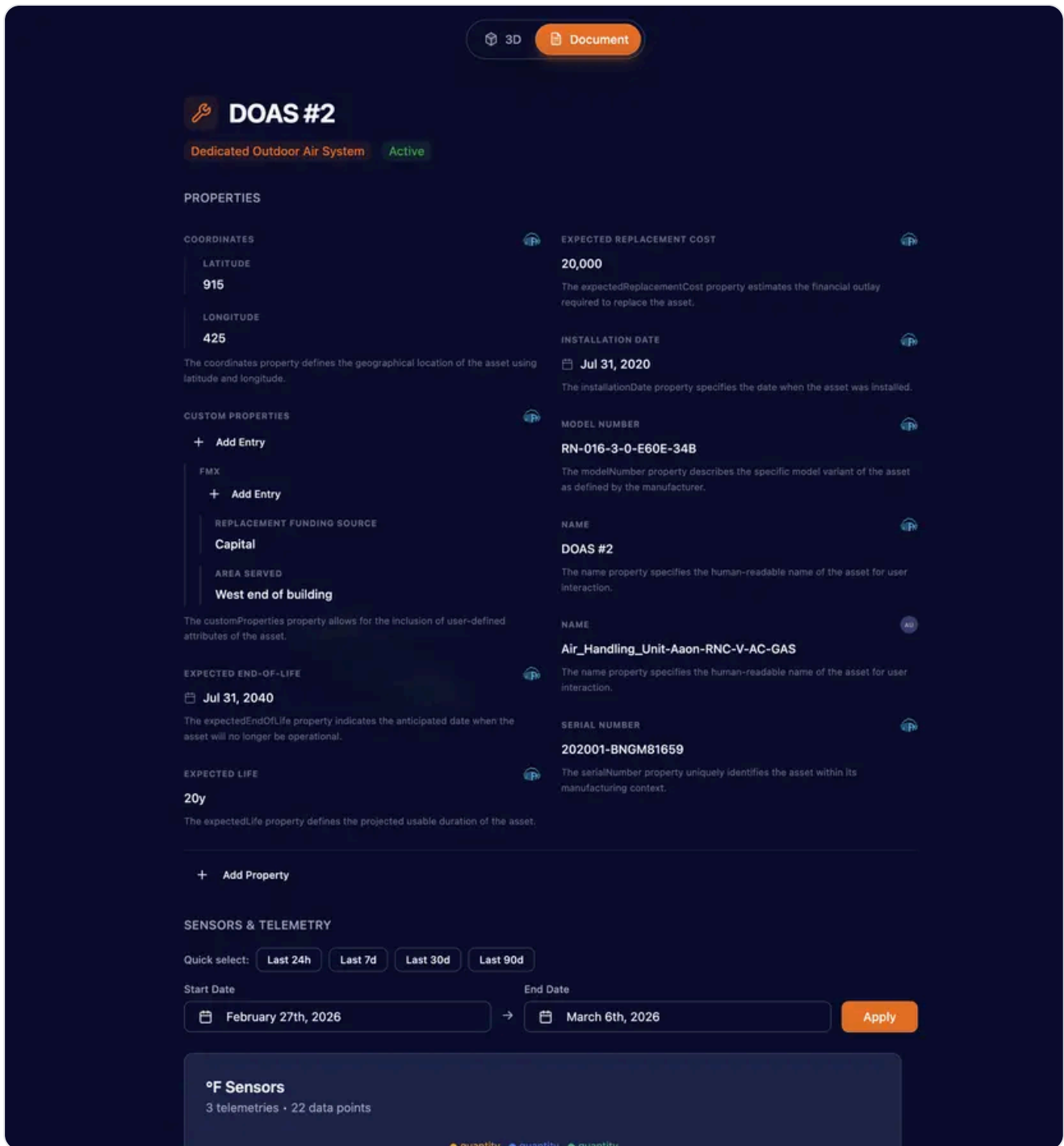
3D Mode displays the building's 3D model with interactive twin visualization, status badges, and work order clustering.

Document Mode presents twin data in a structured, form-like layout with properties, sensors, files, and related work orders organized into readable sections.

Users can switch between modes depending on whether they need spatial context or detailed data review.





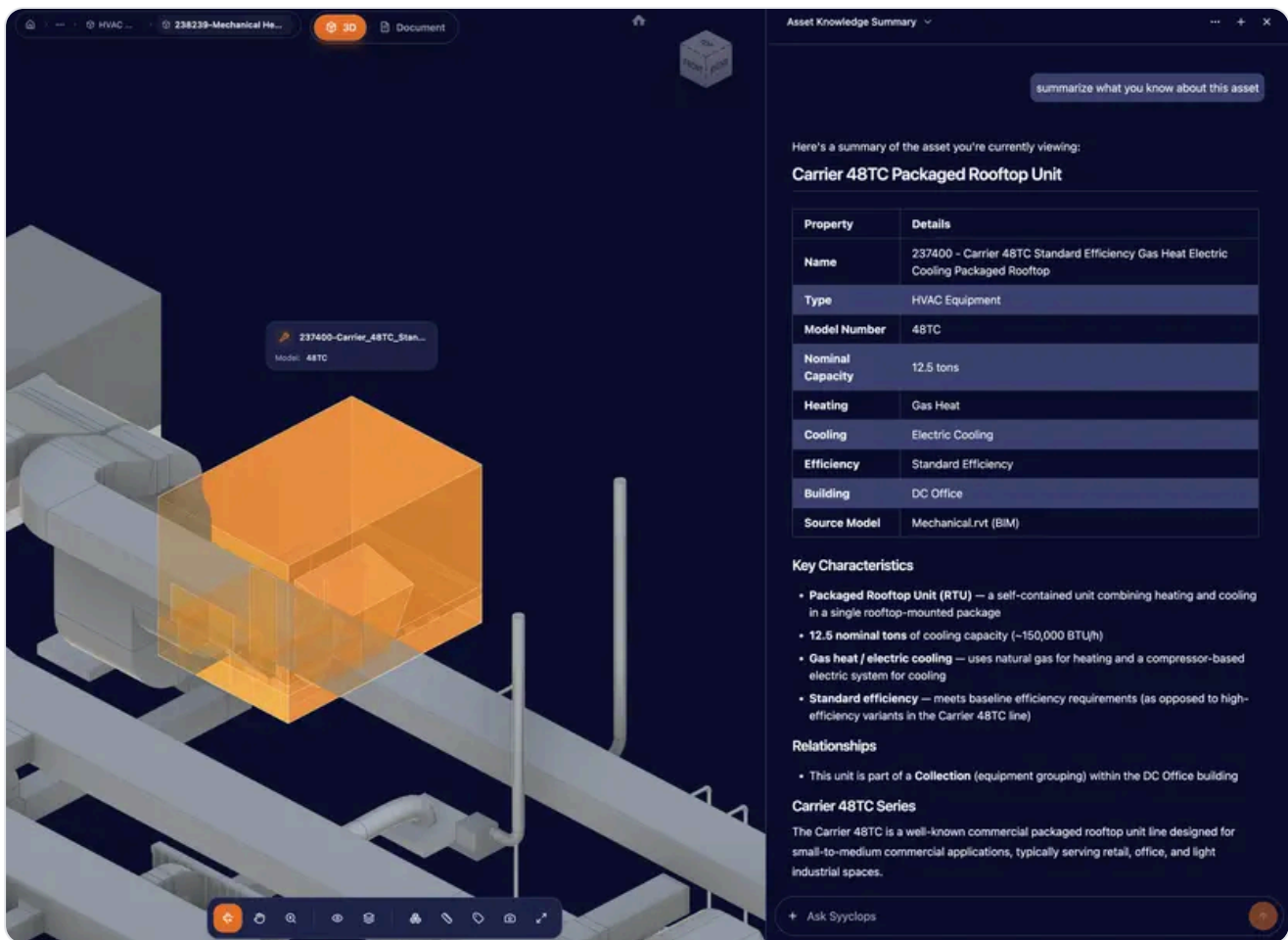


AI Assistant Context-Aware Side Panel

The AI chat assistant has moved from a standalone page to a right-side panel that stays open alongside the twin you're viewing.

The assistant now has full context of which twin, collection, or building you're currently looking at, enabling more relevant and accurate responses.

Ask questions about the equipment, room, or building on screen and the AI uses that context to provide targeted answers.



Collections & Layout System

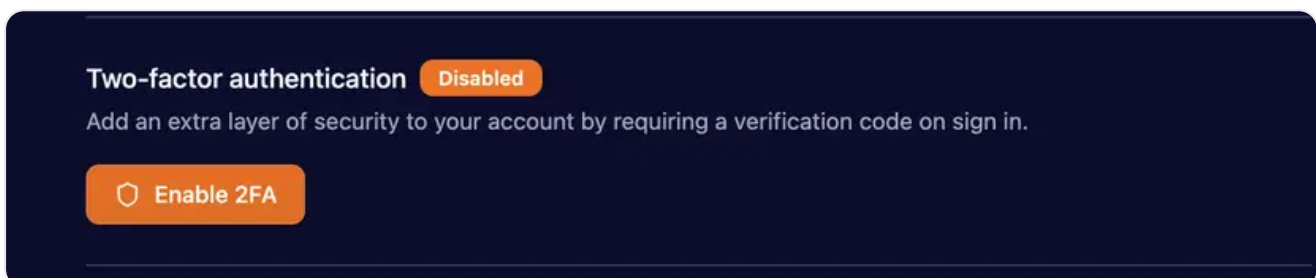
A new collections-based data organization system with custom detail pages for buildings, rooms, equipment, and work orders.

Facility managers can navigate building data through rich, organized views showing real-time sensor data, work orders, equipment status, and room environments.

Two-Factor Authentication (2FA)

Users can now secure their accounts with two-factor authentication using authenticator apps (TOTP).

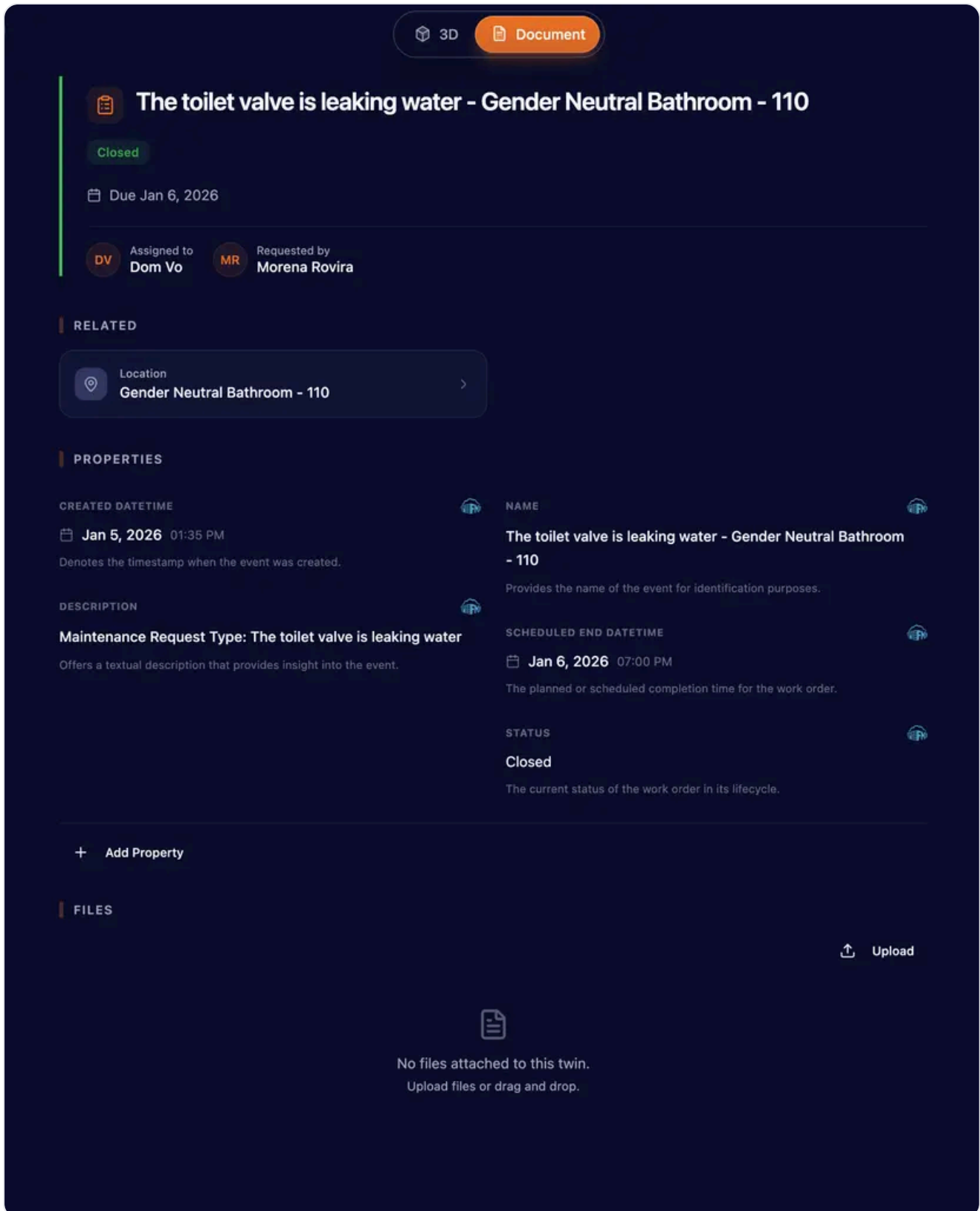
Includes backup code generation and trusted device support. New members are prompted to set up 2FA after accepting an organization invitation.



Work Orders

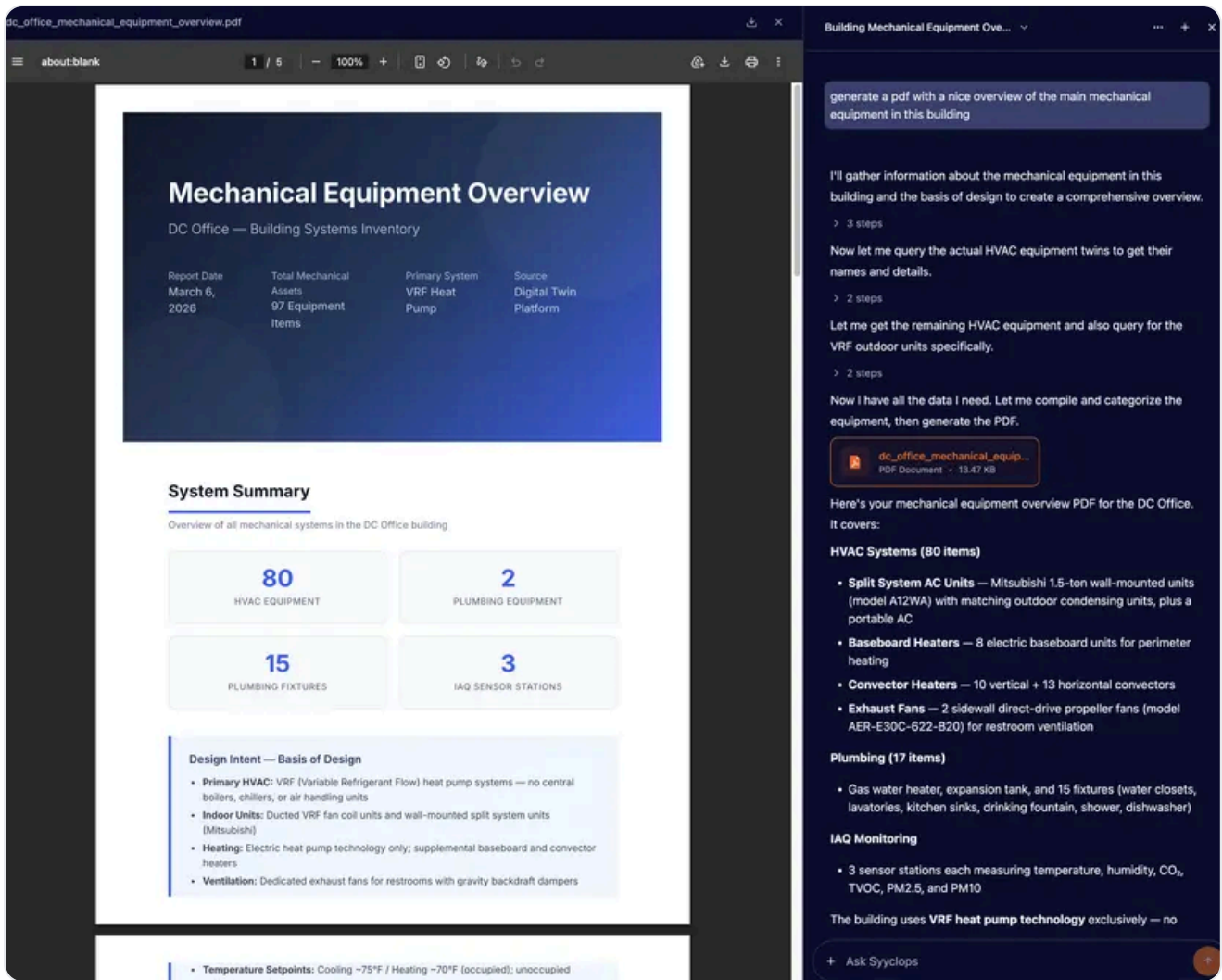
New work order detail pages with relationship tracking, status badges, and assignment info.

Includes enhanced work order visualization in the 3D viewer with clustering.



PDF and Excel File Generation

The AI Engineer now has the ability to create PDF and Excel files.



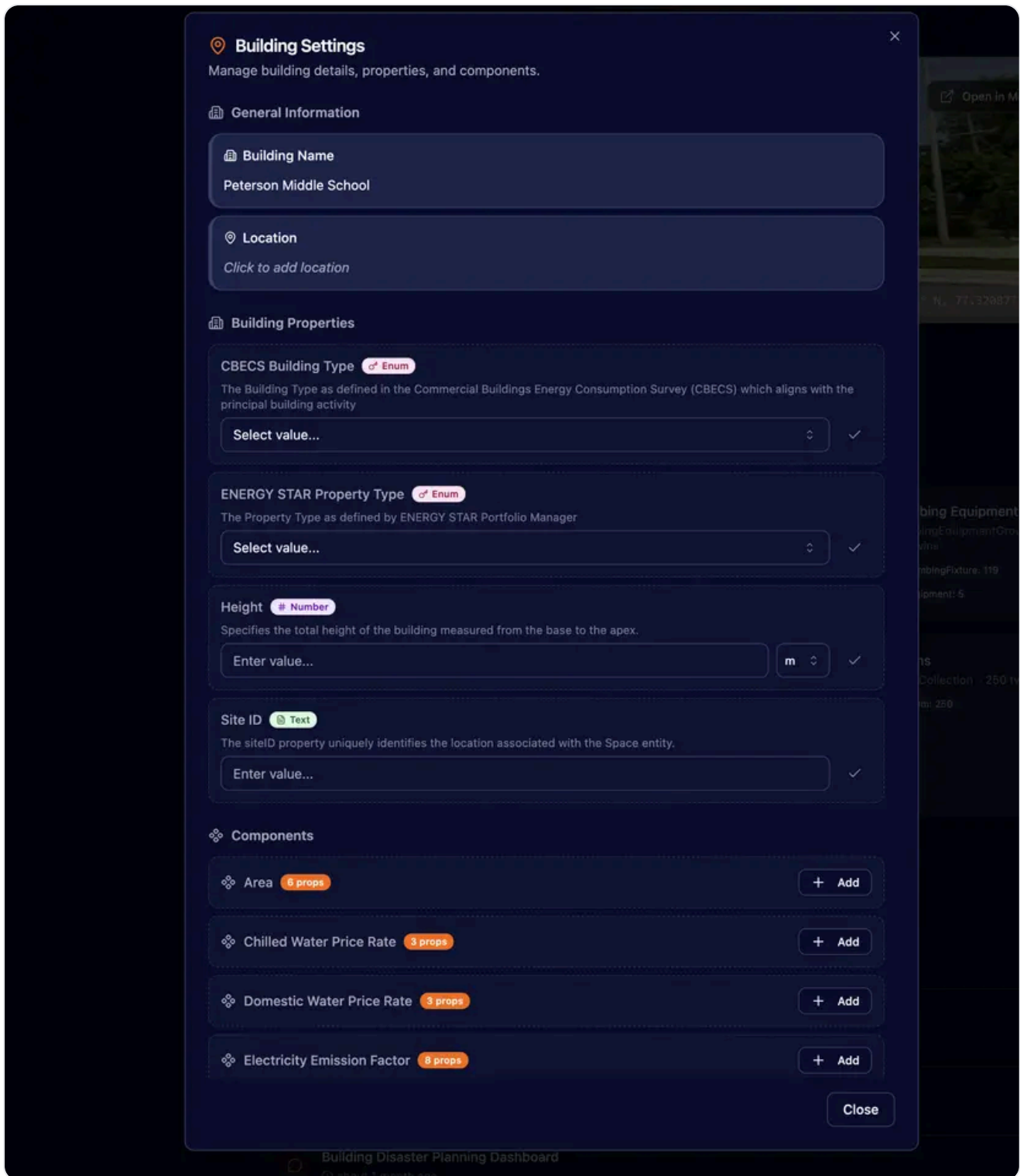
Cross-Building Shared Twins

Organization-wide entities (Departments, Companies, Persons) can now be shared across all buildings instead of being scoped to a single building.

Building Properties Management

Manage building configuration properties (area, occupancy, energy rates) in a dedicated settings interface with organized sections.

Navigate to the Building, select Document mode, and click the edit button.

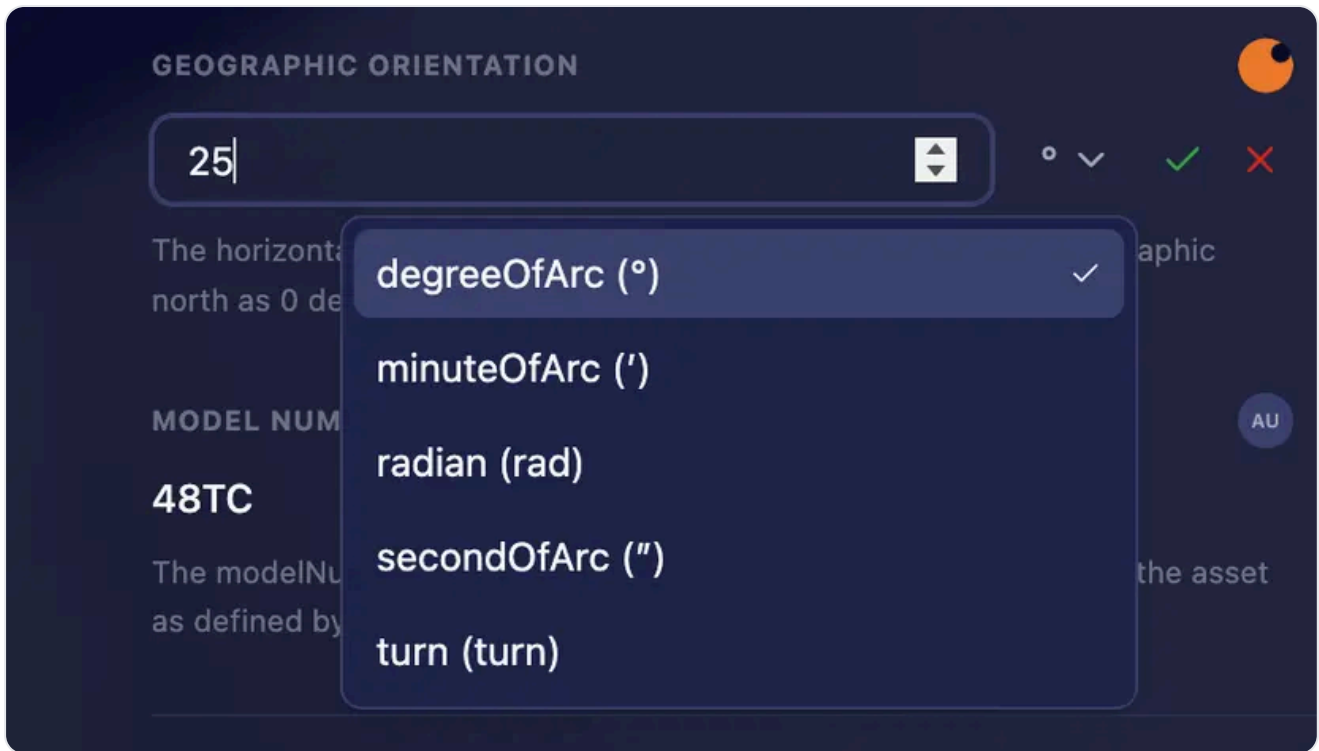


Delete Twin Properties

Users can remove manually-created properties from twins. Provider-owned properties are protected.

Unit Selector for Properties

Change measurement units for numeric properties inline (e.g., °C to °F).



Panelboard Circuit Descriptions

Technicians can document electrical circuit purposes directly in the panelboard panel schedule UI with a new description column.

Lighting and Appliance Panelboard - 208V MCB - Surface

Electrical Panelboard

Panel Schedule

12 circuits

9 relations

Print

+ Add Circuit

Lighting and Appliance Panelboard - 208V MCB - Surface · 42 Poles 0 · 3-Phase

NO.	DESCRIPTION	POLES	AMPS	RELATIONS	A	B	C	RELATIONS	AMPS	POLES	DESCRIPTION	NO.
1		1	20	- ELEC 214	X			- Electrical Room - 003 - EUH-3 - AHU ROOM 004	35	2		2
3		1	20	- AHU ROOM 004		X		- AHU ROOM 004	25	1		4
5		1	20	None			X	- AHU ROOM 004	20	1		6
7		1	20	- Electrical Room - 003	X			- FC-102A	20	1		8
9		1	20	None		X		None	20	1		10
11		1	20	None			X	- FC-102B	20	1		12
13		1	20	None	X			+				14
15				+				+				16
17				+				+				18
19				+				+				20
21				+				+				22
23				+				+				24
25				+				+				26
27				+				+				28
29				+				+				30
31				+				+				32
33				+				+				34
35				+				+				36
37				+				+				38
39				+				+				40
41				+				+				42

PROPERTIES

MAX NUMBER OF POLES

42

This property indicates the maximum number of poles that the Electrical Panelboard can accommodate for circuit distribution.



OUTPUT PHASES

Three

This property specifies the output phases of the Electrical Panelboard, essential for determining the electrical distribution configuration.



Tasks for AI Engineer, Audit Logs & Multi-BIM Upload

Tasks for AI Engineer

Create and share AI prompts across your organization.

Tasks support twin associations, labels, starring/archiving, email notifications on completion, and a full run history with status tracking.

Shared tasks show creator attribution and allow org-wide collaboration.

← Back to Tasks

Create Task

Set up a new automated task

Name
e.g. Weekly report generation

Prompt
The prompt sent to AI Engineer when this task runs...

Instructions (optional)
Additional context provided alongside the prompt...

Twins Select twins... **Labels** Select labels...

Share with organization Allow all organization members to view and run this task

Email notification on completion Send an email to the organization members when the task completes

Create Task Cancel

Audit Logs

A complete activity trail for every significant change to twins, properties, relationships, and lifecycle events.

Covers property modifications, relationships, file uploads, classification changes, status changes, data source switches, merges, and bulk operations.

ACTIVITY

Date Range

Filter

Feb 12, 2026



"Description" Created

just now

Property "Description" created

AD Anthony Demattos

Value AC Unit

Oct 10, 2025



Twin Created

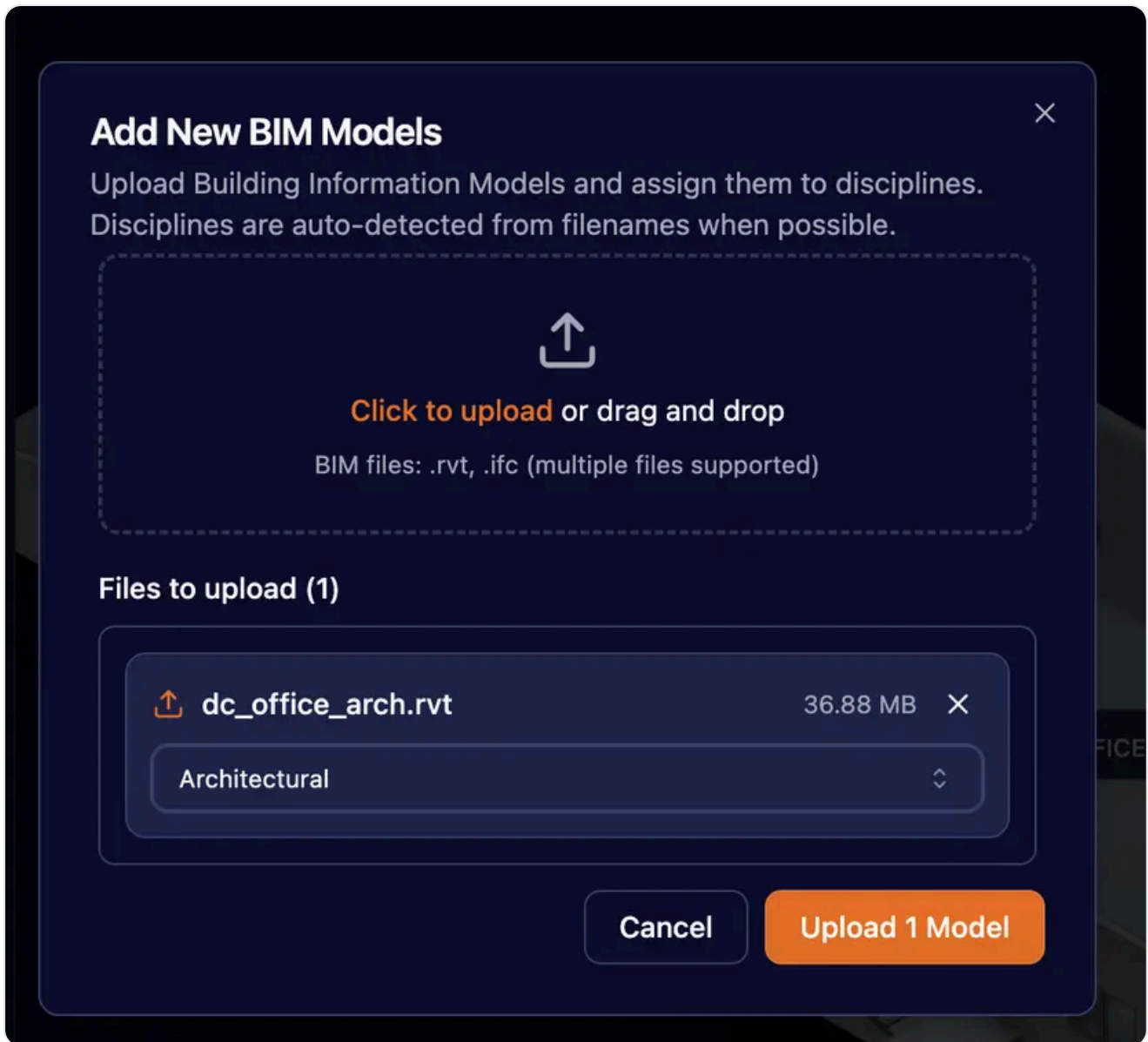
Oct 10, 2025

Twin created

System

Multi-BIM Upload

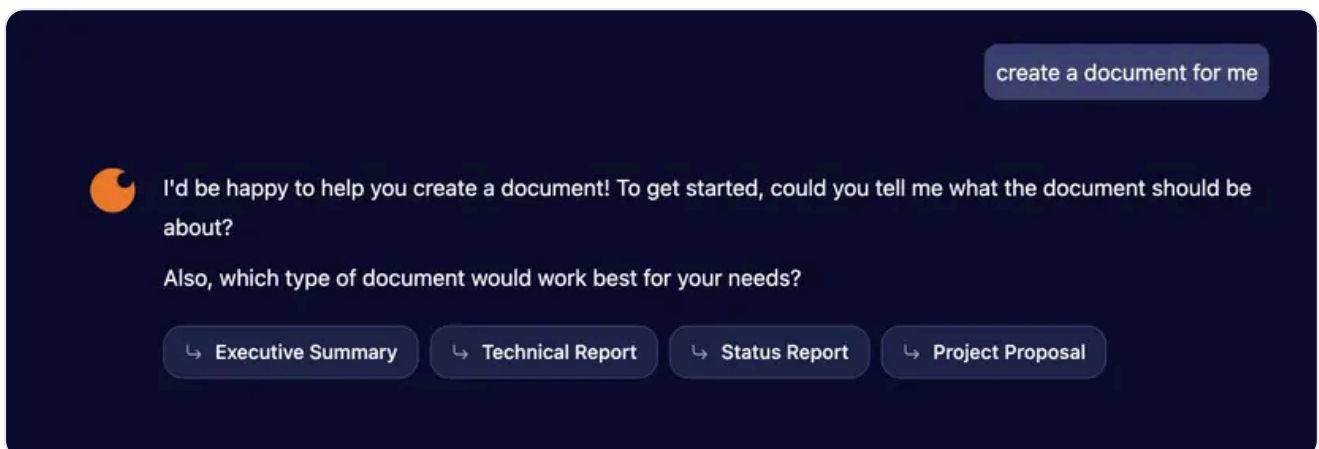
Upload multiple BIM design models simultaneously with automatic discipline recognition via pattern matching.



AI Engineer Document Templates

Standardized document generation with 10 templates across 4 categories: business, technical, onboarding, and presentation.

A new suggestions tool presents clickable template options when the document intent is ambiguous, with selection state persisting across page reloads.



AI Engineer Context Compaction

Automatically summarizes conversation context when it approaches token limits, reducing cost while preserving functionality.

A frontend indicator shows when compaction occurs.

AI Engineer File Output Size Reduction

Smaller, more concise AI-generated documents through improved guidelines.

File size is now displayed on file cards and in the file viewer header.

Autosave for Twin Properties

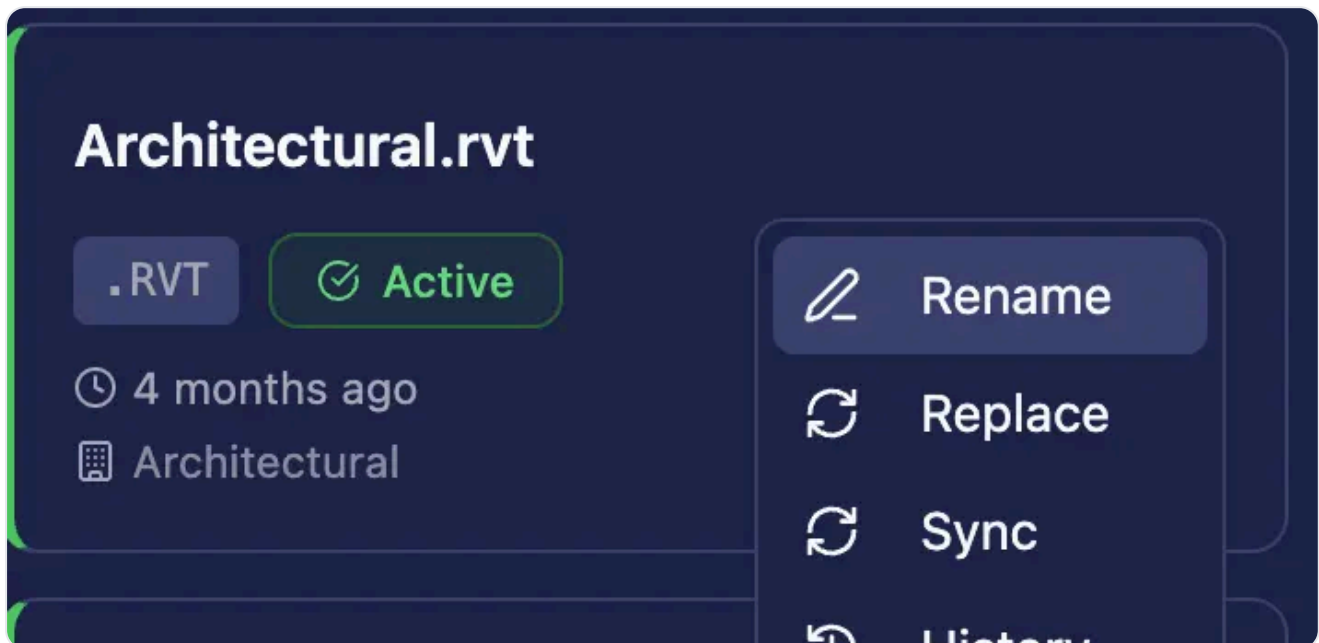
Property fields now auto-save on blur, with Enter to save and Escape to cancel.

Includes inline error handling and loading indicators. Boolean toggle fields save immediately on click.

Design Model Sync

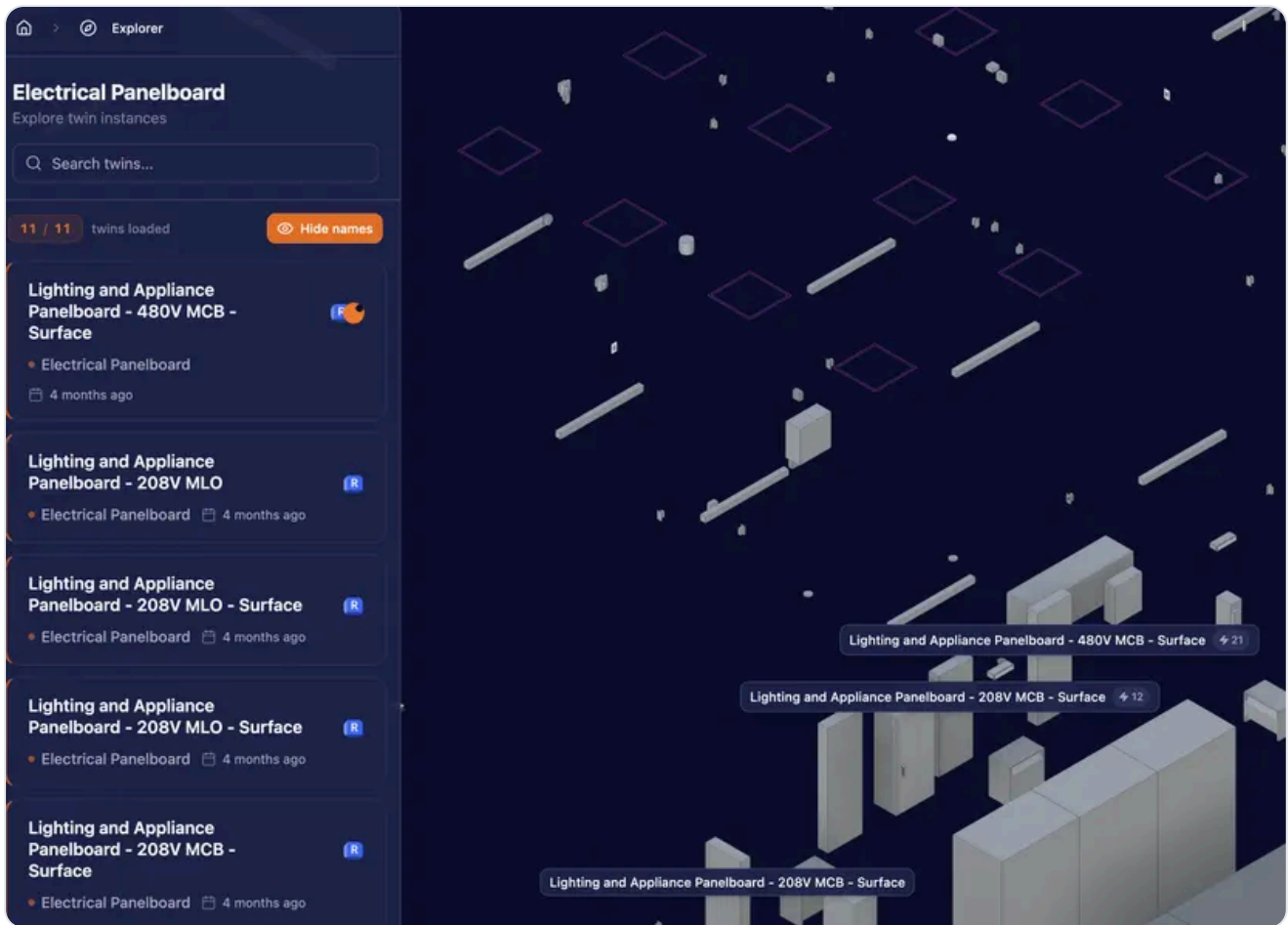
Sync individual Autodesk design models without a full re-upload.

Useful for pulling in new data (e.g., newly added plumbing types) to existing production models.



Electrical Panelboard Circuit Count Badges

Circuit count badges now appear on electrical panelboard viewables in the Autodesk viewer.



Twin Status in Manage Twins

Each twin on the Manage Twins page now displays its status.

Select All

This twin is active and fully mapped to data sources

Asset

FMX

Priority Height Adjustable T Leg Table w/ Modesty Panel and Low Side Storage

Asset

FMX

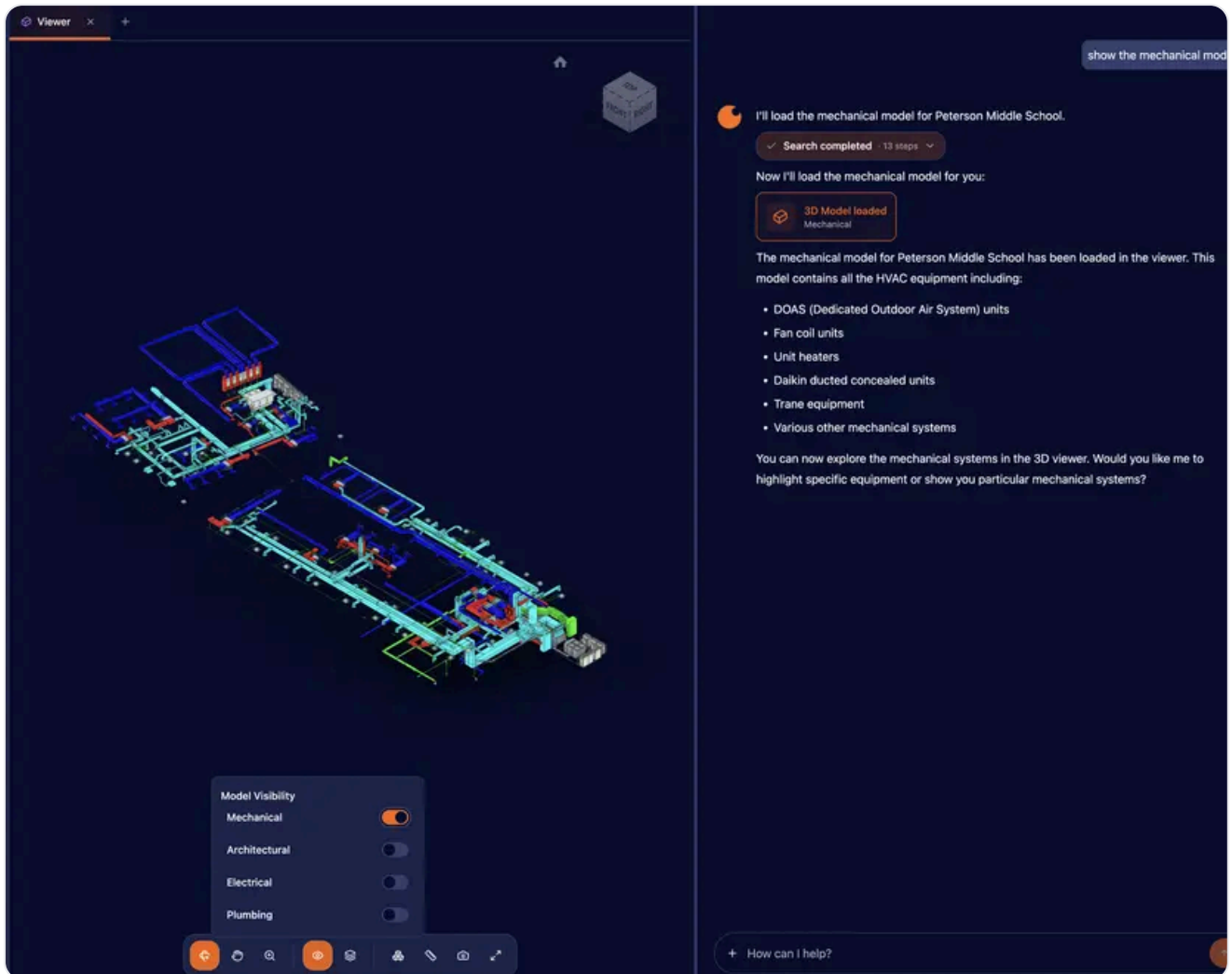
Priority Mobile Pedestal w/ Cushion

Consolidated Model Viewer, Twin Document Page & Librarian Sub-Agent

Consolidated 3D Model Viewer

Combined multiple model viewer tabs into a single unified viewer with toolbar controls.

Supports public thread sharing and model highlighting from chat.



Librarian Sub-Agent

Refactored the librarian tool from a single call to a multi-step sub-agent with animated progress indicators.

Provides more reliable query generation and comprehensive answers from multiple data sources.

This resolves the "Error not found" that kept appearing. Results may take a bit longer but should be more accurate.



give analysis of how DOAS is currently operating



I'll analyze how the DOAS (Dedicated Outdoor Air System) is currently operating. Let me first identify the DOAS units in your system.

✓ Search completed · 10 steps ^

Find all DOAS units and their current operational status

- ✓ Explored the data
→ 71 equipment types, 27499 total items
- ✓ Analyzed Dedicated Outdoor Air System data
→ 8 connections found
- ✓ Search completed
→ 2 results
- ✓ Search completed
- ✓ Search completed
→ 20 results
- ✓ Loaded details
→ Hvac Mode
- ✓ Loaded details
→ Dirty Filter Alarm
- ✓ Loaded details
→ Dirty Filter Alarm
- ✓ Loaded details
→ DOAS #1
- ✓ Loaded details
→ DOAS #2

View Summary

Twin Document Page

Clicking a twin from AI search results now opens a detailed twin view in a tabbed side panel.

View and edit properties, relationships, files, telemetry, and activity without leaving the chat.

This consolidates the AI chat and the twin details together.

User flow: Search for an asset in the AI engineer input (e.g., "DOAS 2"), select the search suggestion, and see the tag open so you can begin chatting with that asset.

DOAS #2
 Dedicated Outdoor Air System • Active Created Oct 10, 2025

A device that conditions and delivers 100% outdoor air to its assigned spaces. It decouples air-conditioning of the outdoor air, usually used to provide minimum outdoor air ventilation, from conditioning of the internal loads.

Coordinates

latitude: 915
 longitude: 425

The coordinates property defines the geographical location of the asset using latitude and longitude.

Custom Properties

+ Add Entry

FMX

+ Add Entry

Replacement Funding Source

Capital

Area Served

West end of building

The customProperties property allows for the inclusion of user-defined attributes of the asset.

Expected End-of-life

Jul 31, 2040

The expectedEndOfLife property indicates the anticipated date when the asset will no longer be operational.

Expected Life

20y

The expectedLife property defines the projected usable duration of the asset.

+ Add Property

Expected Replacement Cost

20,000

The expectedReplacementCost property estimates the financial outlay required to replace the asset.

Installation Date

Jul 31, 2020

The installationDate property specifies the date when the asset was installed.

Model Number

RN-016-3-0-E60E-34B

The modelNumber property describes the specific model variant of the asset as defined by the manufacturer.

Name

DOAS #2

The name property specifies the human-readable name of the asset for user interaction.

Serial Number

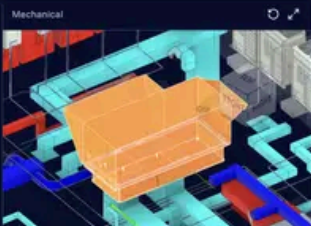
202001-BNGH81659

The serialNumber property uniquely identifies the asset within its manufacturing context.

Supply Air Setpoint: 70.0

Supply Air Temperature: 70.60

Outdoor Air Humidity: 27.40



Twin: DOAS #2 (Dedicated Out...)

How can I help?

DOAS #2 × +

- Basement - 001
- Delivery/Transport - Basement - 001
- Facilities - Basement - 001 > Facilities Off
- Facilities - Basement - 001 > Facilities Off
- Facilities - Basement - 001 > Facilities Off

tem • Active Created Oct 10, 2025

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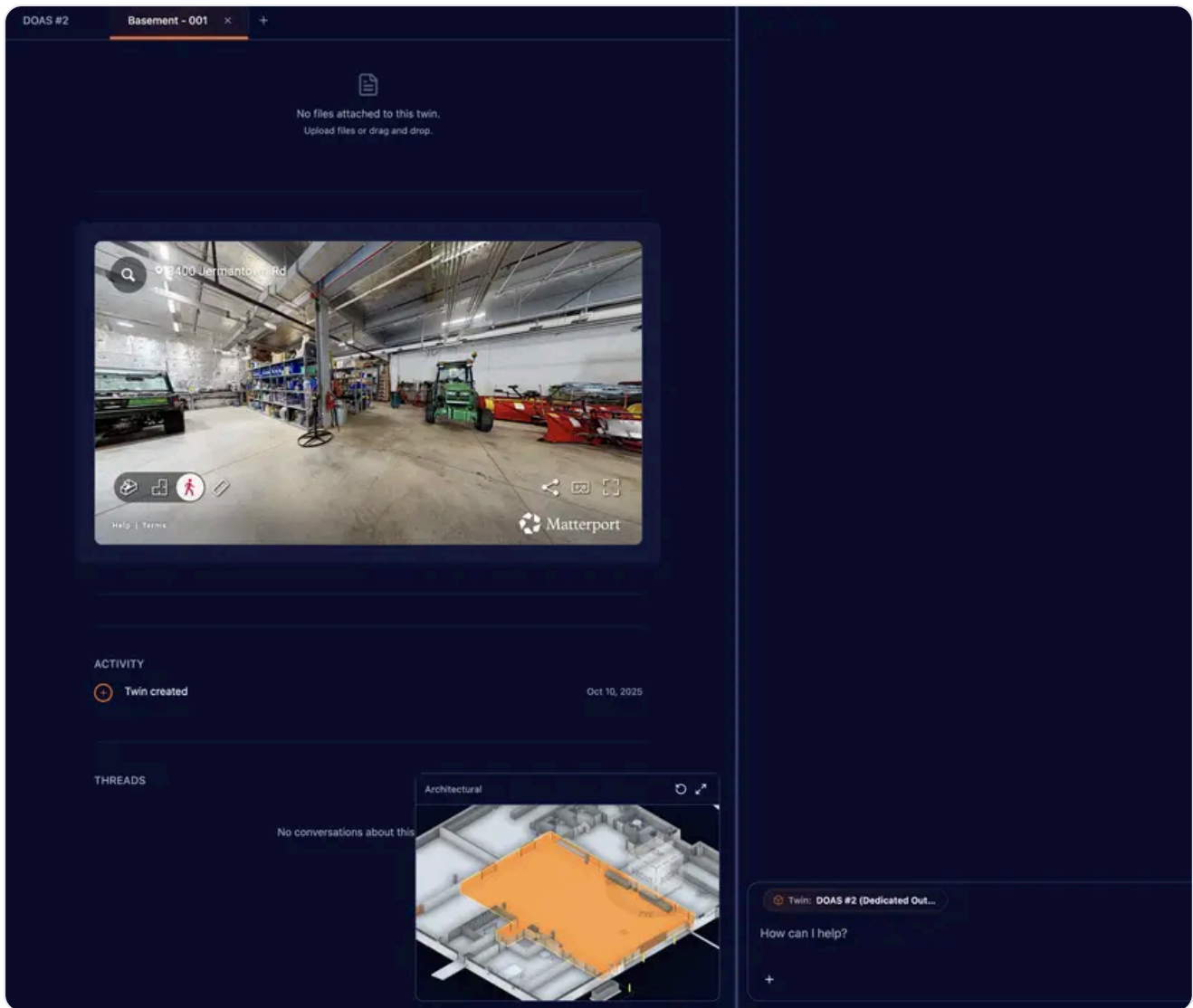
Coordinates

The coordinates property defines the geographical location of the asset using latitude and longitude.

Custom Properties

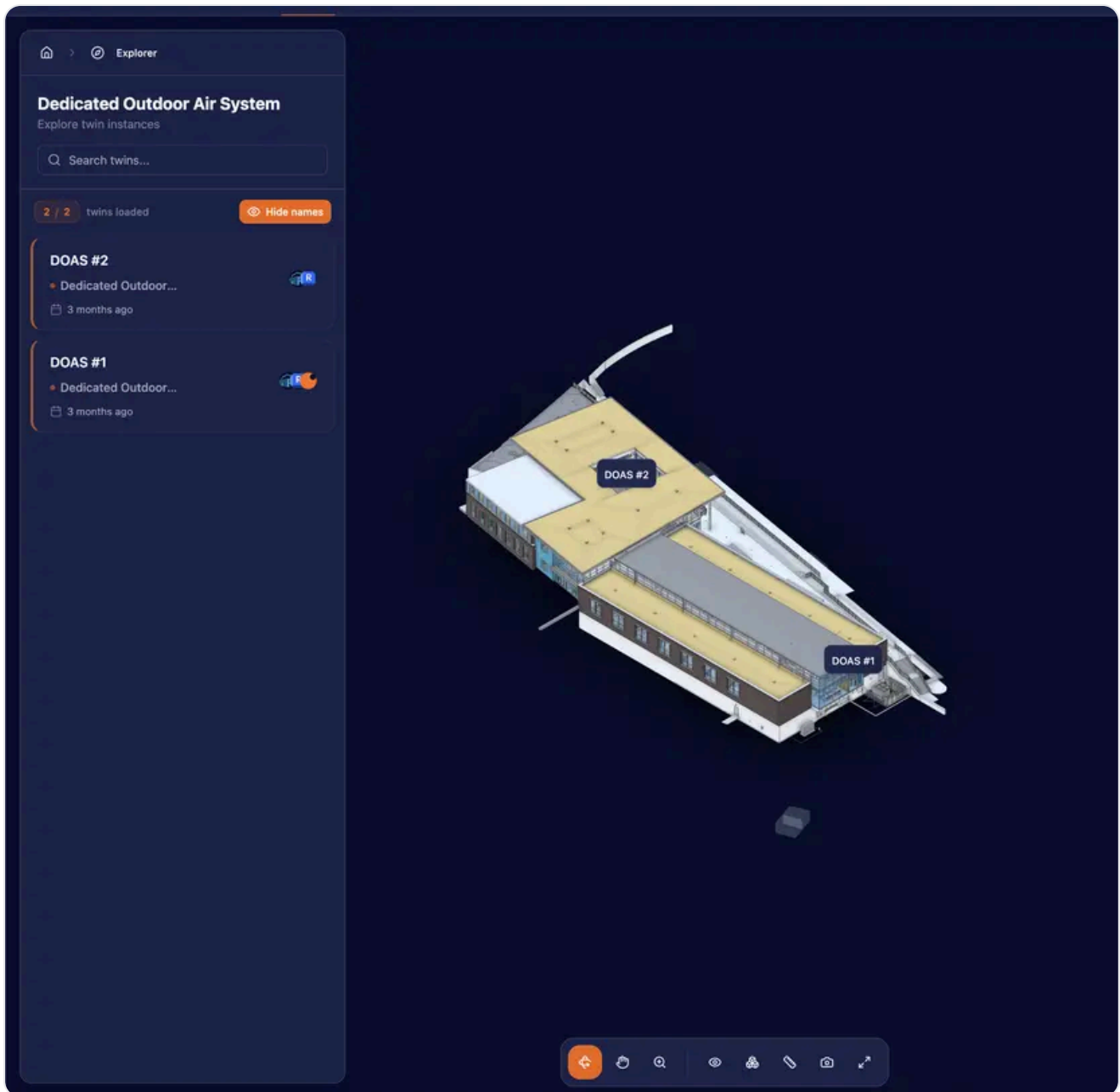
+ Add Entry

FMX



Twin Viewables

You can now see twin name viewables when navigating through any explorer interface type.



App Version Display

Version number is now shown in the Settings page so you can easily see which version you're running.

Version

Current application version: v3.5-26-gb4942e3b1

Global Search, Unified Twins Management & Matterport Viewer

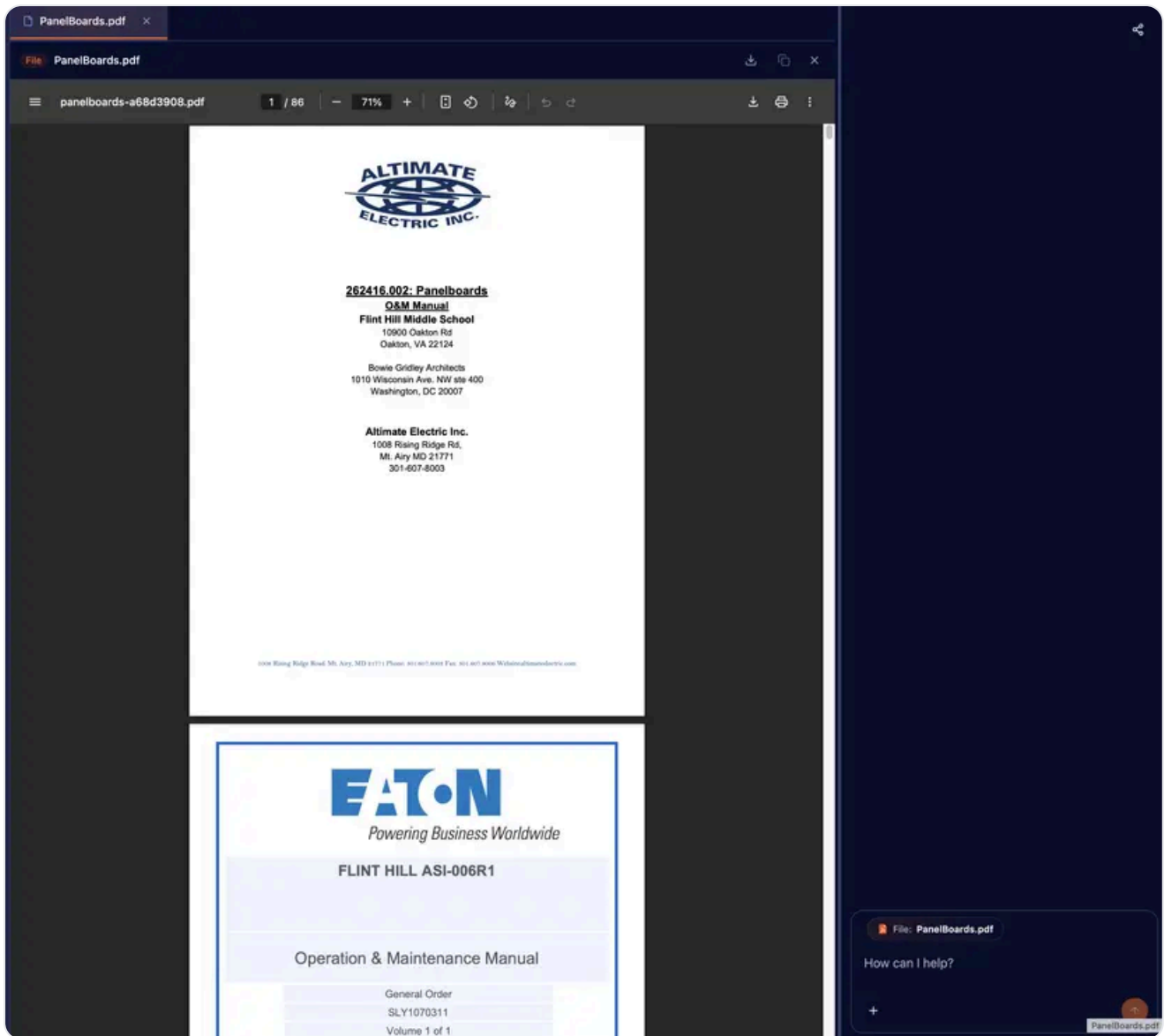
Global Search

Search directly in the AI chat bar for instant file and asset navigation.

Instead of manually traversing the explorer tree, search by name to jump straight to any asset.

Selecting a file opens it with the AI chat sidebar ready so you can begin chatting with the file.





Unified Twins Management Interface

Redesigned twins management with a streamlined three-panel layout: left tabs (twins/telemetries), center action bar, and right details panel.

Consolidates previously scattered functionality into one focused interface with bulk operations and intelligent classification suggestions.

Manage your data

Select an object type to manage

Set Data Source

Twins Telemetry

8,436 total twins | 44 types

Search object types or twins...

- Access Panel 3
- Air Diffuser 153
- Air Temperature Sensor 2
- Architectural Building Component 2
- Asset 371
- BACnet Controller 61
- Binary Actuator 5
- Binary Sensor 422
- Binary Setpoint 150
- Calendar Event 877
- Ceiling 4
- Chair 70
- Company 80
- Dedicated Outdoor Air System 2
- Department 3
- Drain 2
- Electrical Equipment 242



Back to Interfaces

Asset Mapping Create Relations Set Data Source Classify twins Unmap Provider

Asset

Search twins...

Active

All Providers

Select All (1 selected)

Light bulb 13w 4 pin 4100k

Asset FMX

Priority Height Adjustable T Leg Table w/ Modesty Panel and Low Side Storage

Asset

Twin Classification



Reclassify twins

From (Current Type)

Asset

1 twin selected

SUGGESTED TYPES (BASED ON 1 TWIN)

Hide

Lighting Equipment

62%

85 similar twins use this interface

Electrical Equipment

50%

15 similar twins use this interface

Electrical Receptacle

3%

Commonly used in this building

Or select manually

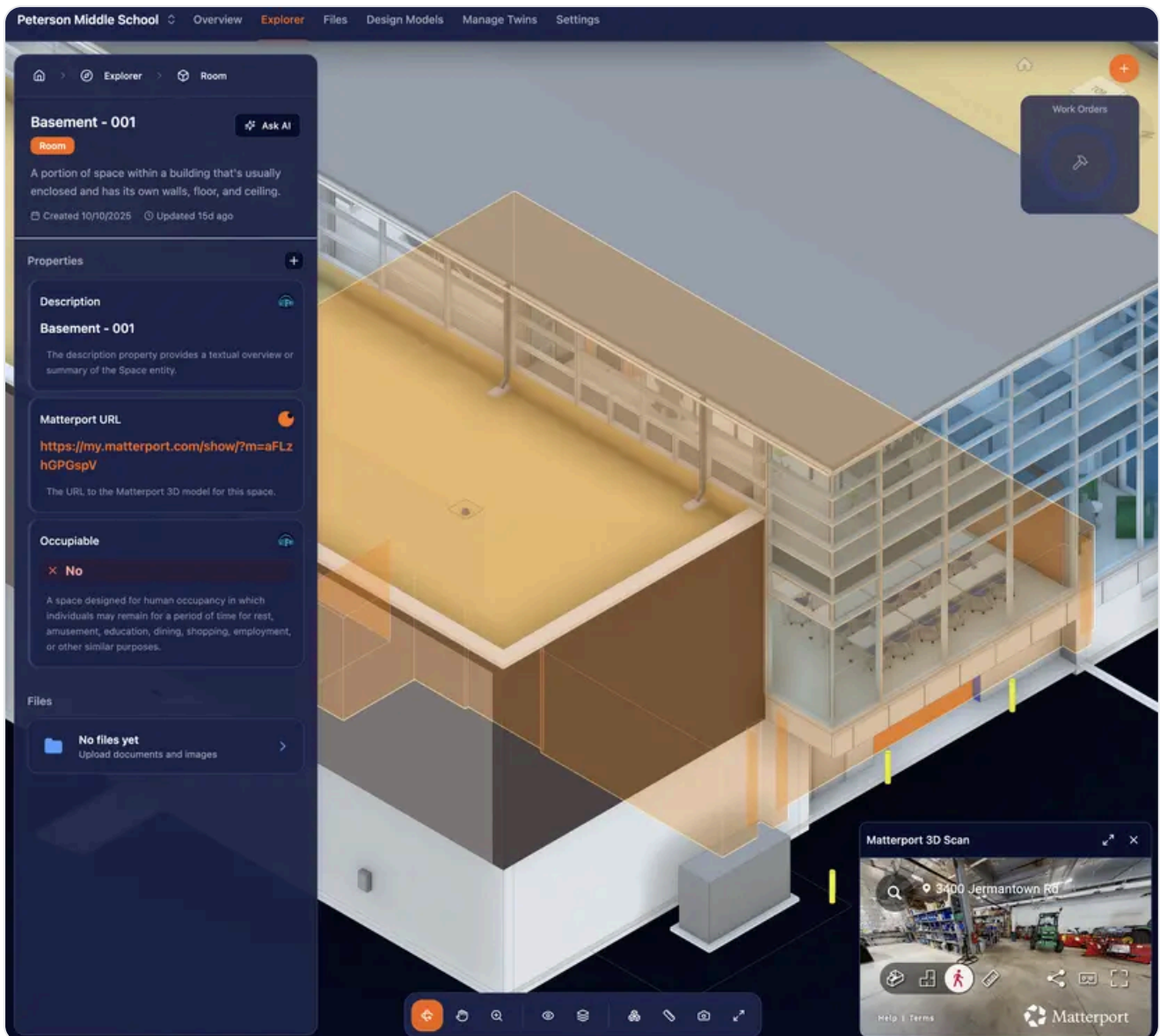
Select target type



Matterport Viewer

Embedded Matterport viewer appears after clicking a Matterport URL property on a space.

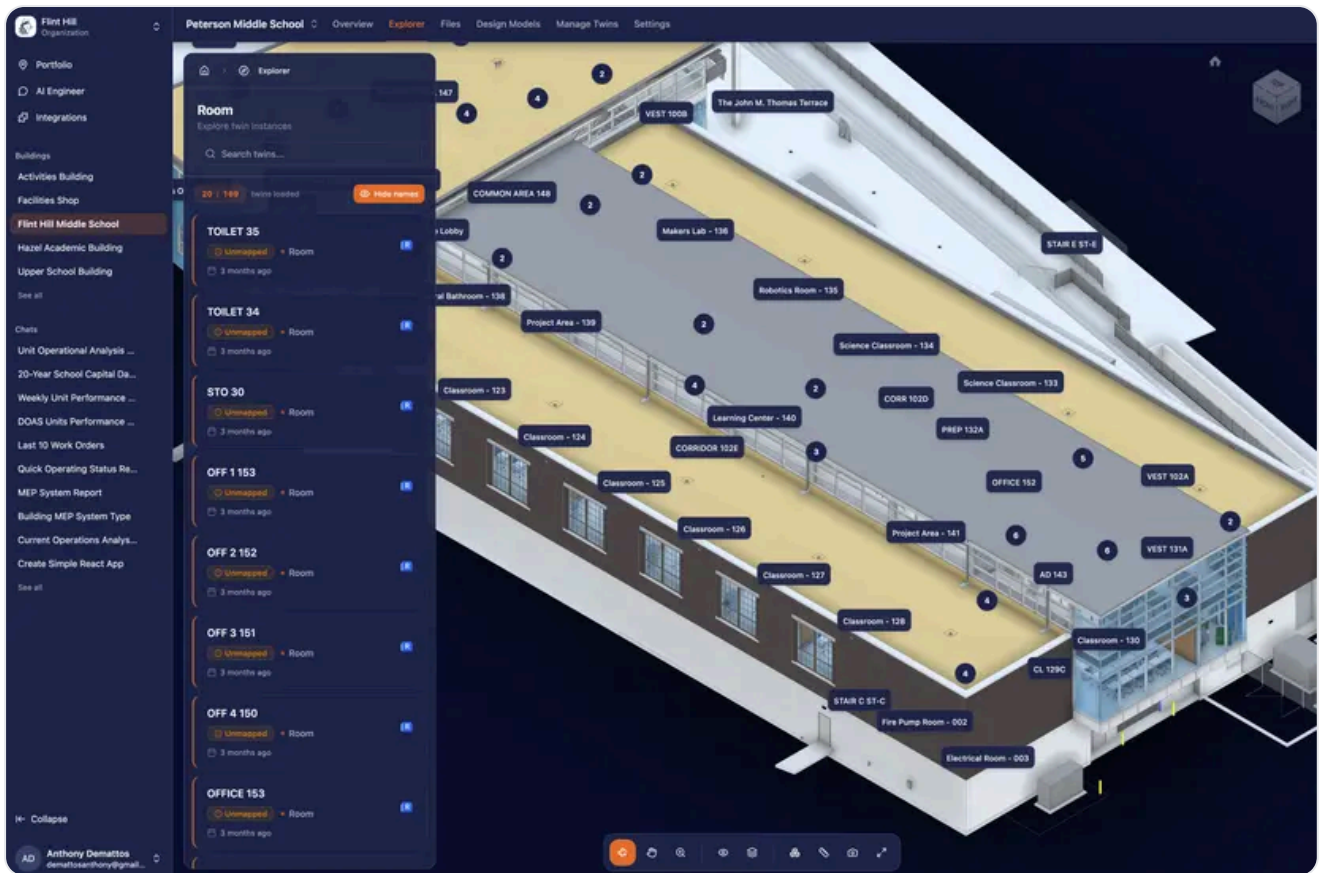
Provides immersive 3D context alongside the digital twin interface.



Room Viewables

Room names now display as spatial clusters directly on the 3D model when browsing the Room category.

This enables visual navigation without memorizing exact room names.



Interface Classification Tree

New hierarchical interface tree navigation system for twin classification, replacing the paginated list.

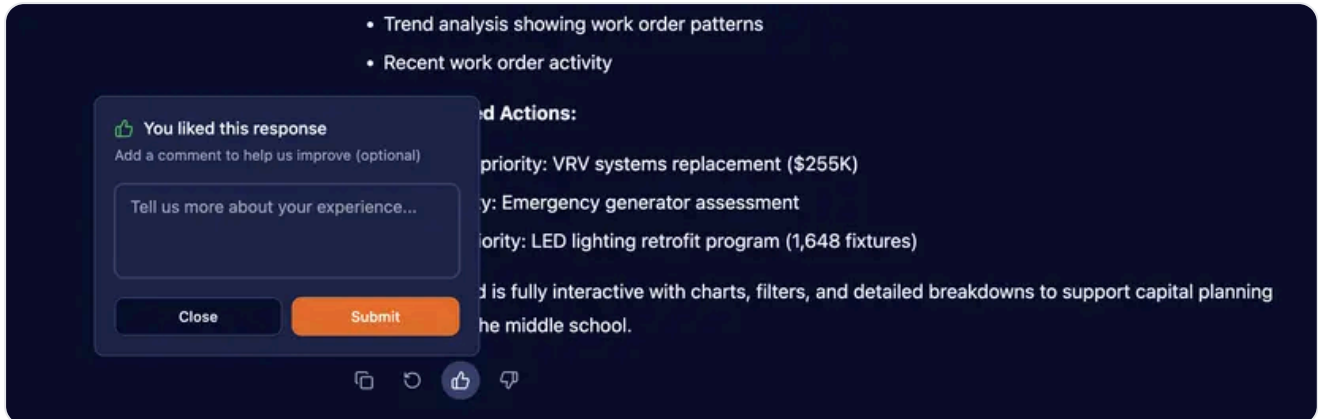
Includes automatic telemetry remapping when classifying twins to new interfaces.

AI Feedback, Improved Mini Apps & Syclops Query Language

AI Engineer Message Feedback

You can now provide feedback on AI-generated chat messages using thumbs up and down buttons, followed by optional text input.

This helps us continuously improve the AI Engineer's responses.



Improved AI Mini App Generation

The AI Engineer can now generate full React components instead of plain HTML.

These mini apps can include tabs, buttons, layout, interactivity, and use our shared theme. Charts and visualizations are cleaner and more consistent with the app design.

This moves AI-generated artifacts from static pages to real interactive micro-apps that can be embedded anywhere.

Peterson Middle School

Capital Planning Dashboard

8,425

Total Assets

224

Equipment Items

\$5.69M

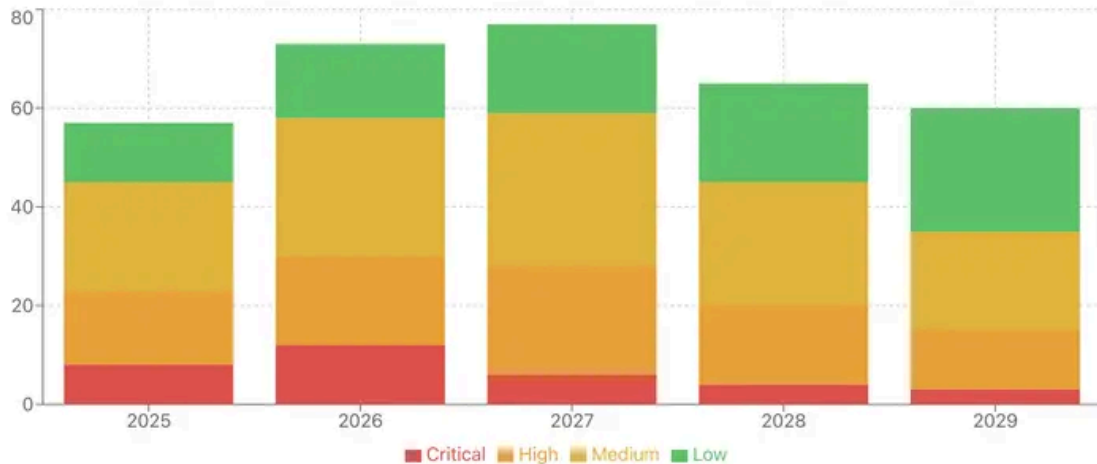
5-Year Capital Budget

57

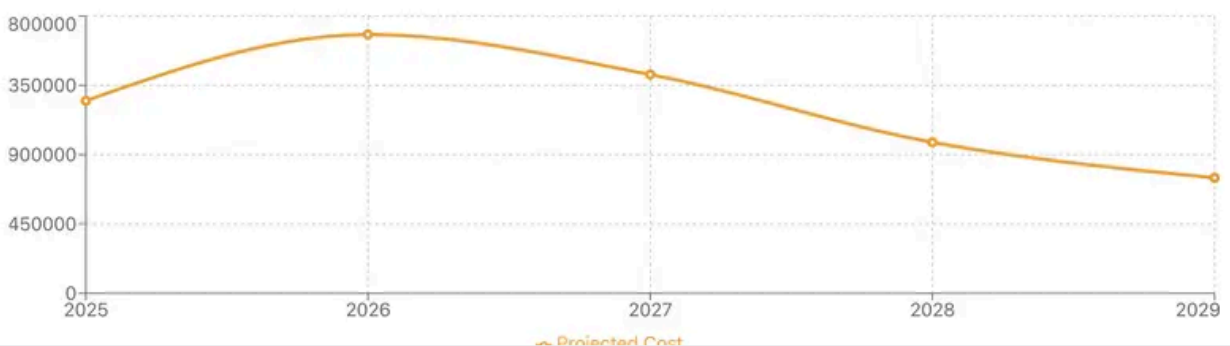
Items Needing Replacement

Overview Replacement Timeline Equipment Details Work Orders

5-Year Replacement Timeline



Annual Capital Expenditure Forecast



Matterport URL Property for Spaces

Spaces now support a dedicated Matterport URL field to create a clearer link between onsite reality and the digital twin.

This is useful for navigation, validation, and field coordination.

Matterport URL

The URL to the Matterport 3D model for this space.

Text

Syclops Query Language

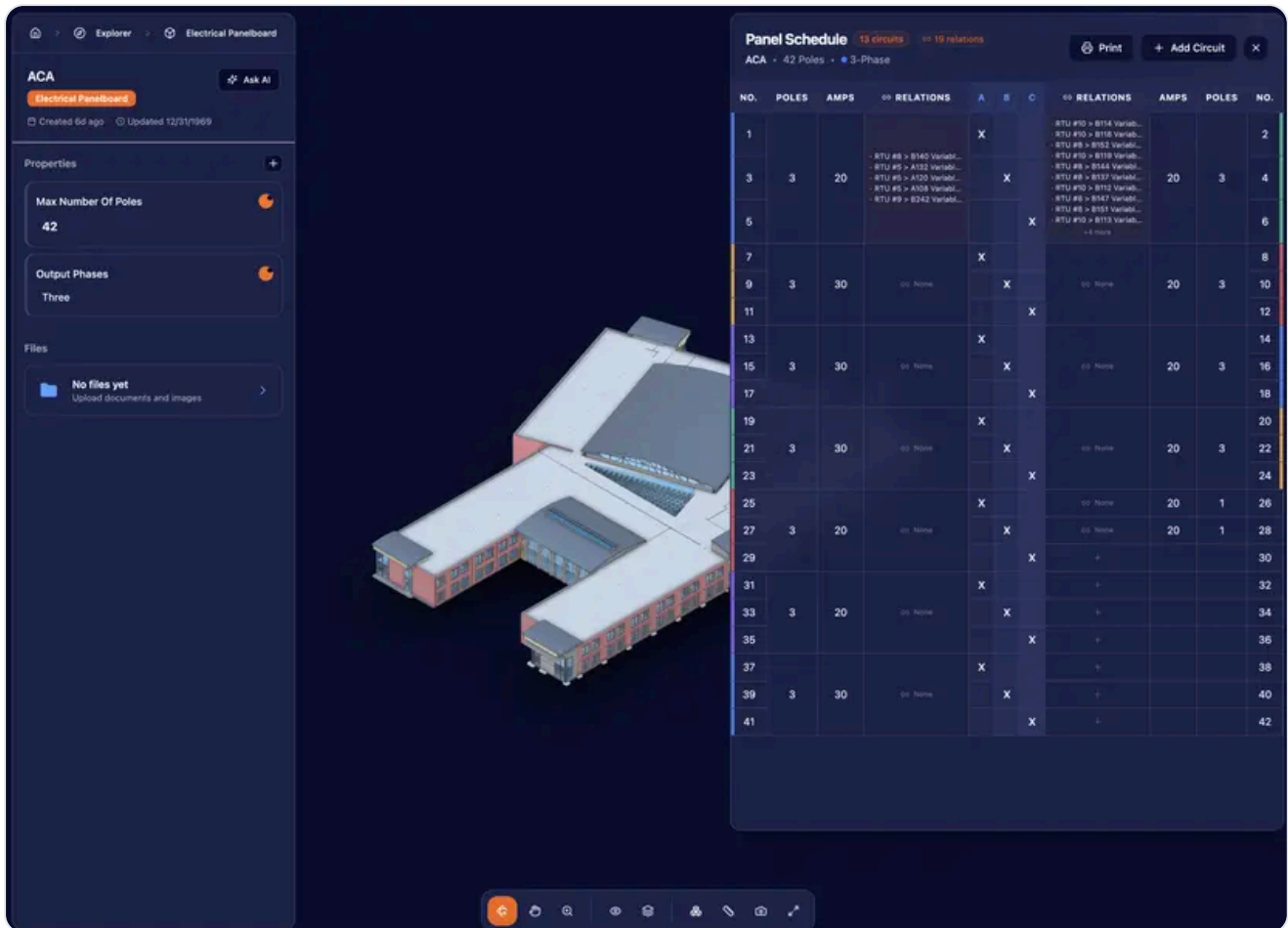
A native query language built specifically for the Syclops digital twin graph.

This gives the AI Engineer much more precise control when retrieving graph context, resulting in faster queries and cleaner reasoning.

Electrical Panels, Building Context in AI Chat & Member Invites

Electrical Panelboard Page

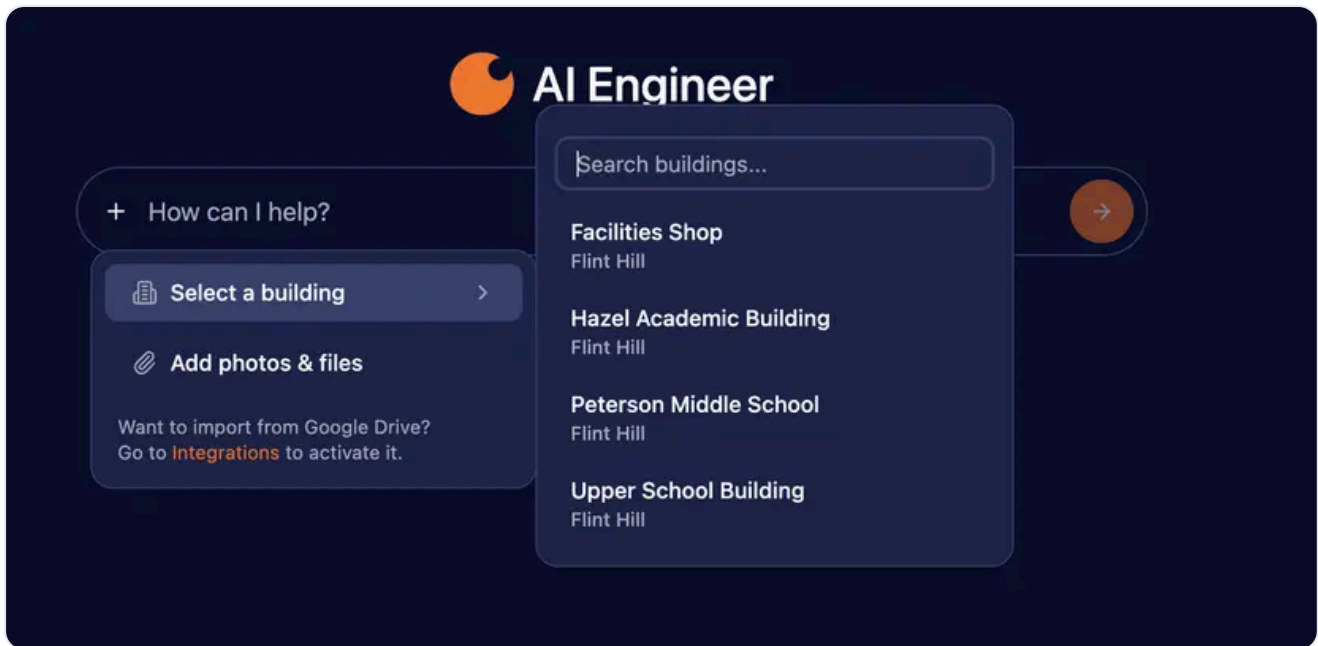
New dedicated twin page for electrical panelboards with specialized views and controls for managing electrical panel data.



Building Context Selector in AI Chat

In the AI engineer chat you can now select a specific building that you want to chat with.

Click the "+" button to add a building to your conversation context.



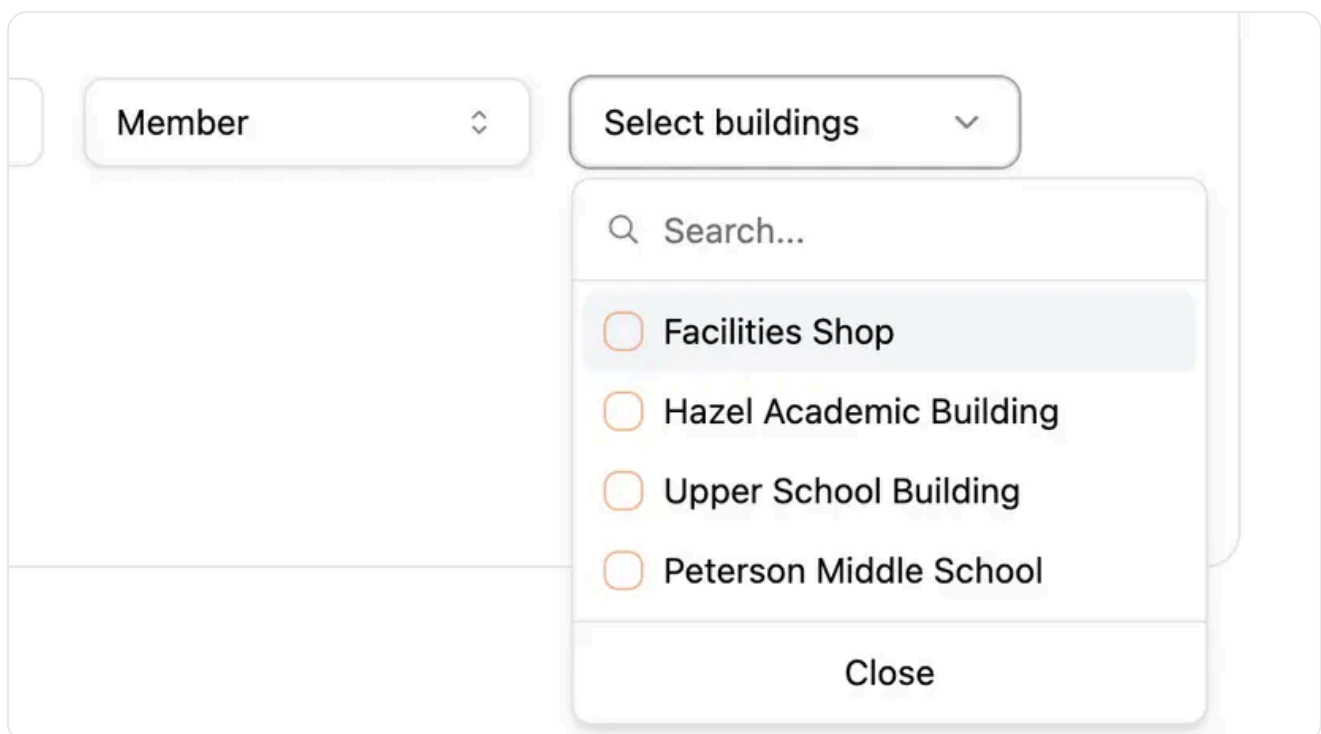
External URL Property for Spaces

You can now add a custom property on spaces to import links from outside the platform.

For example, add a Matterport link to a 3D space scan. The platform treats the value as a hyperlink and opens it in a new tab.

Invite Members with Specific Building Access

When adding a user with the role of "member", you can now specify which buildings they have access to directly in the invite.



Twins Sorting by Property

You can now sort twins by any property column in the twins list view, making it easier to organize and find specific twins.

Simplified AI Model Selection

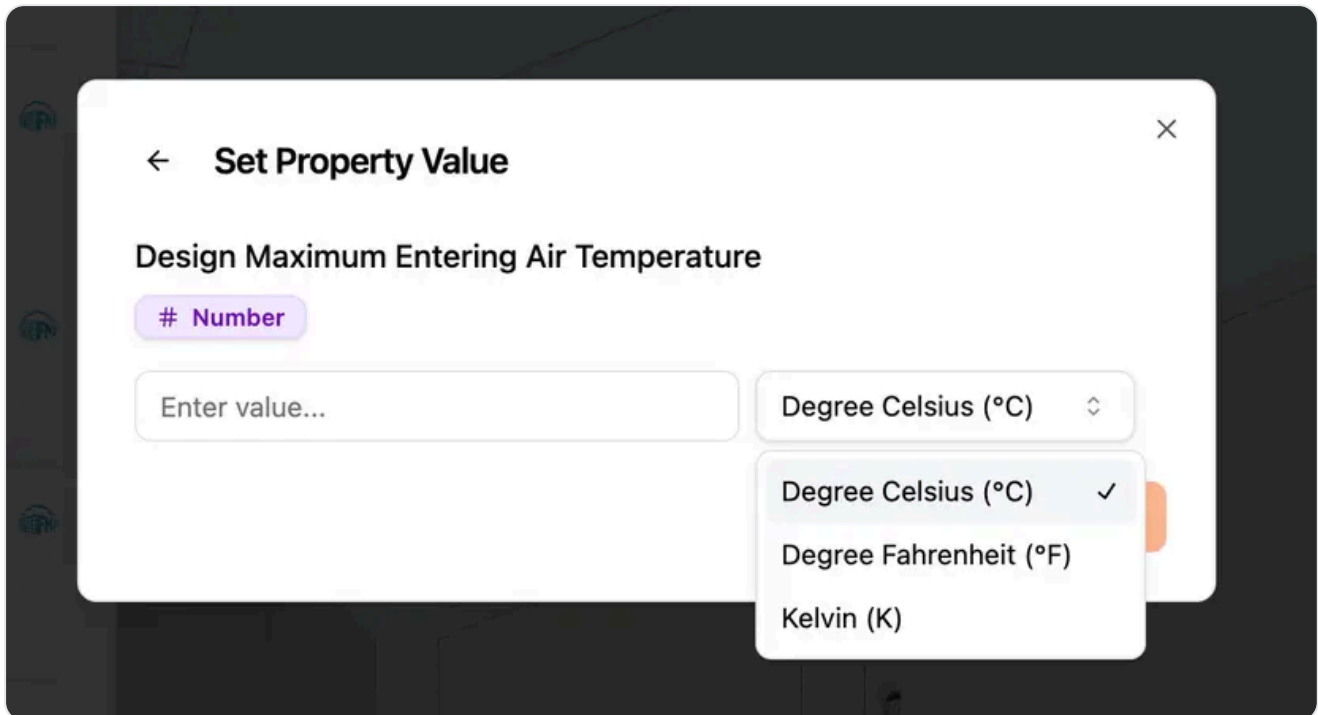
Removed the AI model selector from the chat interface. The platform now automatically uses the optimal model for each request.

Unit Selection, AI Engineer Improvements & Twin Classification Updates

Unit Selection When Adding Properties

When adding a property to a twin, if that property has an associated unit (for example: °F, PSI, kWh), you'll now see a unit selector.

This ensures properties are consistently defined across the system.



AI Engineer Output Reduction

Files generated by the AI engineer are now optimized to be shorter and more concise.

Weekly Equipment Analysis Report

DOAS #2 - Dedicated Outdoor Air System

Report Date: November 13, 2025

Equipment ID: Equipment_1432341

Model: RN-016-3-0-E60E-34B

Serial Number: 202001-BNGM81659

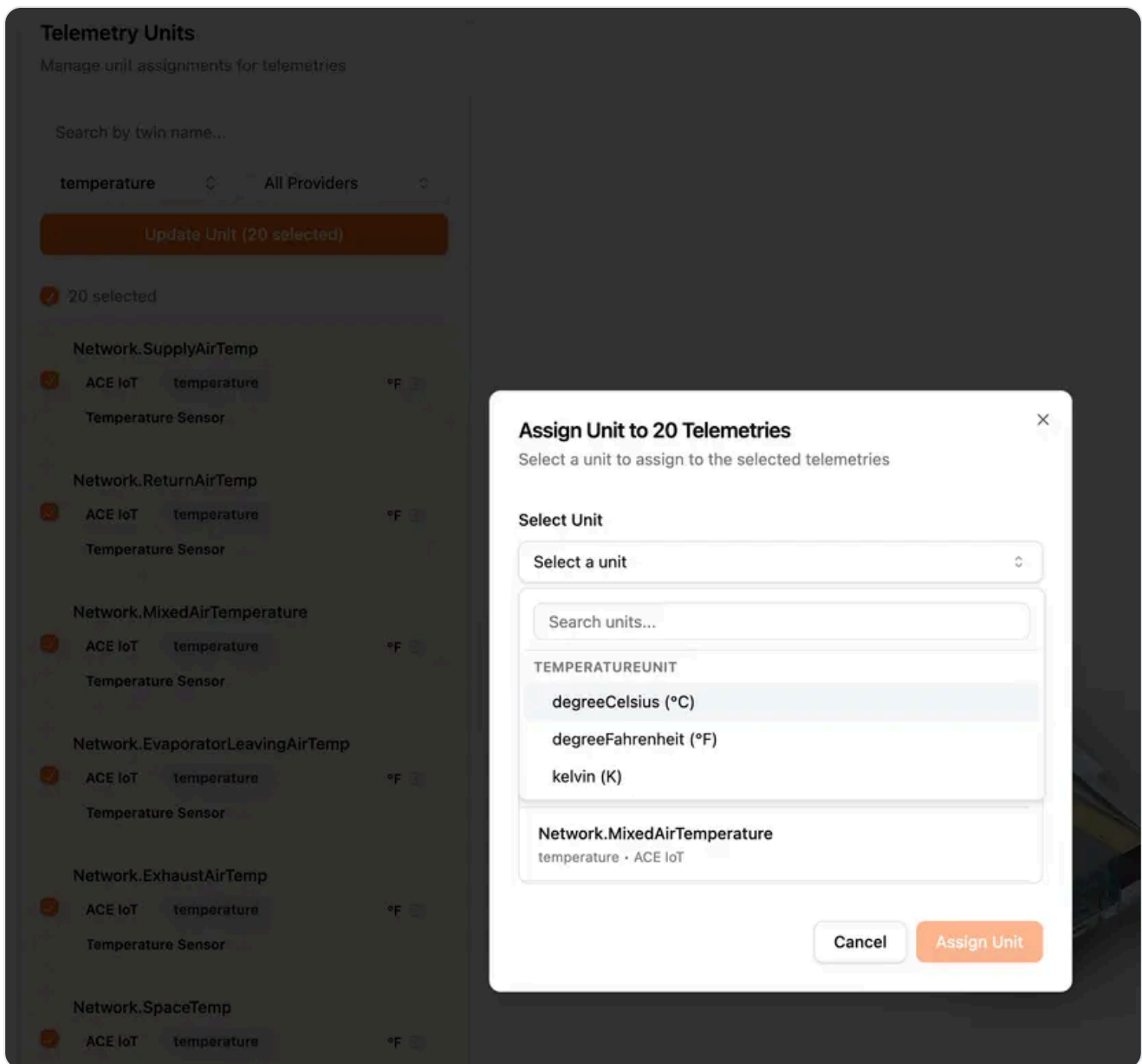
Equipment Overview

- **Installation Date:** August 1, 2020 (5.3 years in service)
- **Expected Replacement Cost:** \$20,000
- **Current Status:** Operational

Twin Classification Updates

The twin classification panel is now a side card so you can keep the 3D model in view while classifying.

Note: Clicking an item in the side card will highlight it in the model in a future update.



Share AI Engineer Threads

You can now share AI engineer conversation threads via link.

Example: <https://app.syclops.com/share/thread/019a7dc1-6de7-7302-8322-203983561f10>

Export AI Engineer Files to DOCX

When the AI engineer generates a document, you can now download it in DOCX format (.docx).



Download as Markdown (.md)



Download as DOCX (.docx)

Manual Property Creation, Work Order Page, Room View & File Management

Manually Add Properties to Twins

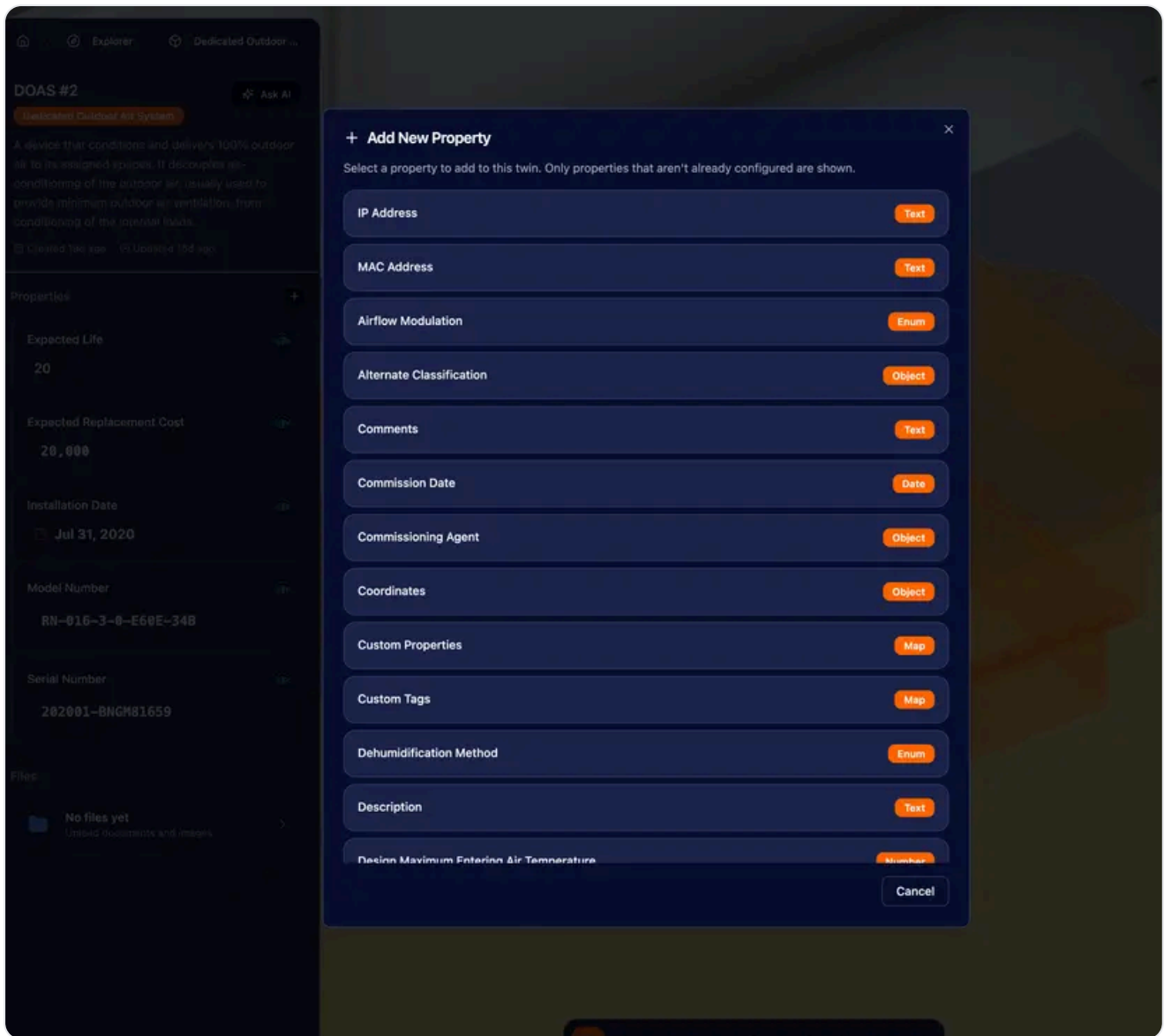
You can now create and edit properties on twins directly inside Syclops. Until now, properties were primarily sourced from external systems or BIM imports. With this update, you can **capture new information in the platform itself**.

This keeps Syclops as the *source of truth* for building data as things change over time.

How it works:

1. Open a building and navigate to a specific twin
2. Click the "+ **Add Property**" button
3. You'll see available properties based on the twin's ontology/interface
4. Enter values and save

For example, when working with an **Air Handling Unit**, only AHU-related properties will be available, keeping data structured and consistent.



Dedicated Work Order Page

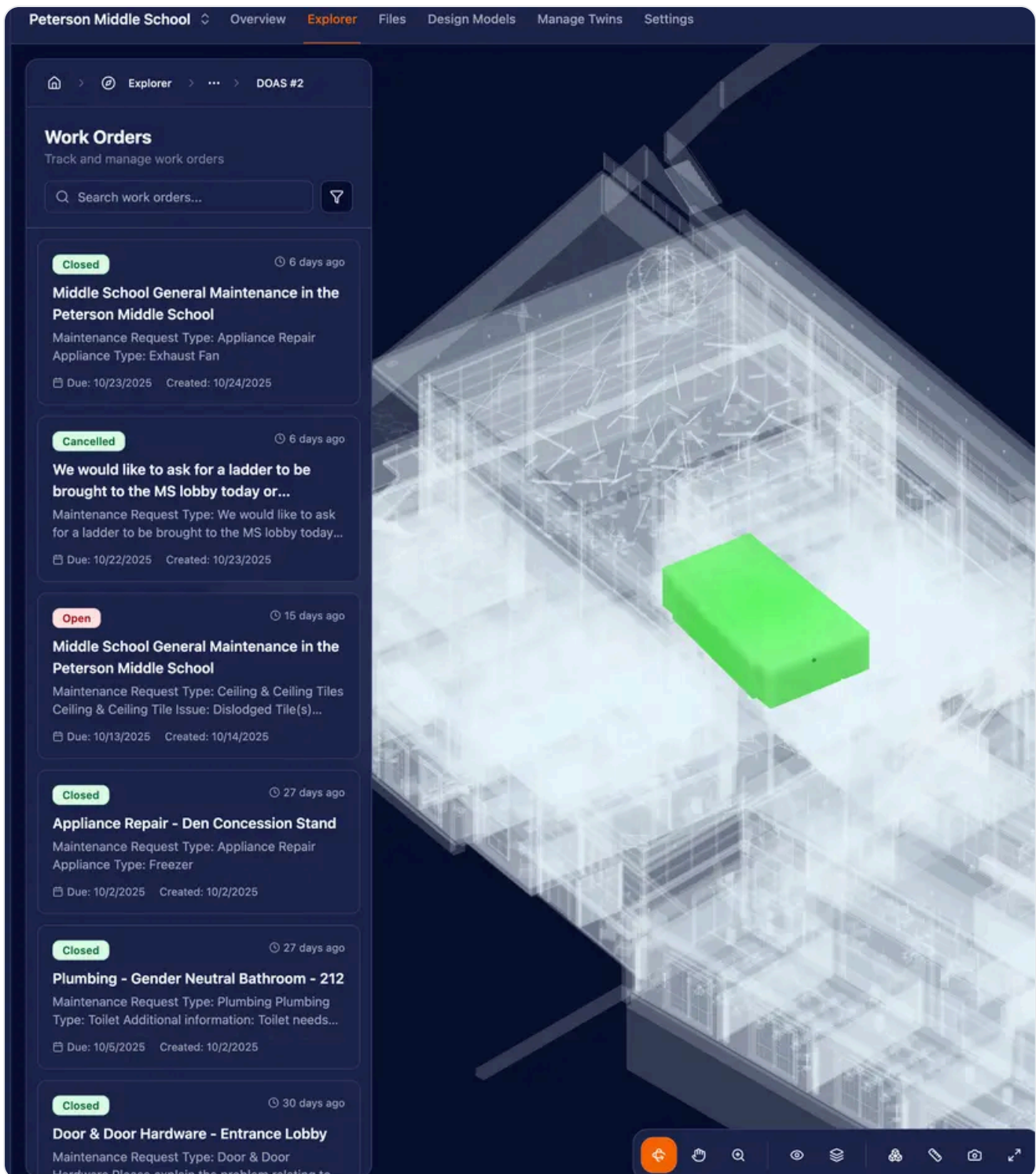
Work orders now have a **full dedicated view** that makes them easier to review, prioritize, and act on.

Key improvements:

- Organized list view with better sorting and filtering
- Ability to see affected spaces and assets directly in the 3D building model
- Heatmap overlays to highlight clusters or high-activity areas

Where to find it:

- From the dashboard: click the **Work Orders** widget
- Or via the **Explorer** → **Work Orders**



Updated Room View (Auto Floor Cut)

Room pages now automatically **cut the surrounding floor in 3D**, allowing you to clearly see inside the space without extra navigation steps.

This makes room-level investigation much simpler, especially when reviewing assets or work orders associated with specific rooms.

How to try it:

- Use the **Explorer** to navigate to a Room Twin

Delete Files

File management now supports **deleting uploaded files**, giving you more control over stored documents and attachments.

Look for the **Delete** option in the file list menu.
