

Syyclops Platform Changelog

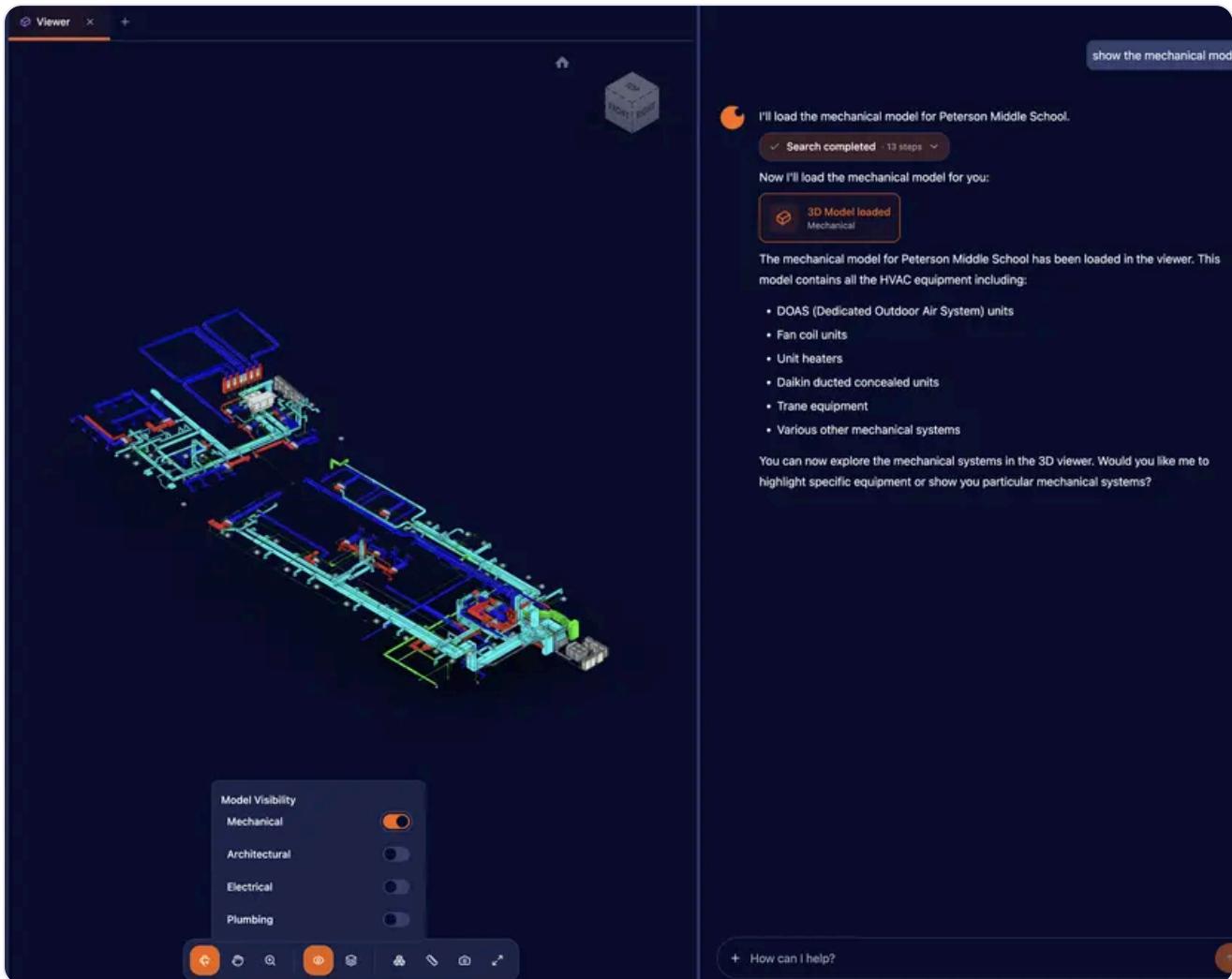
Generated 2026-02-06

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

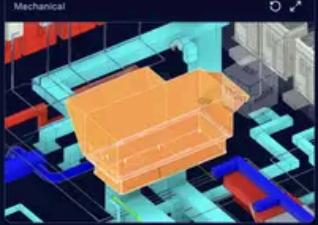
20y

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

+ Add Property

Supply Air Setpoint: 70.00 °F
Supply Air Temp.: 70.60 °F
Outdoor Air Hum.: 27.40 %

Mechanical



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

How can I help?

DOAS #2

Basement - 001

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

Item • Active Created Oct 10, 2025

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.

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-BNGMB1659

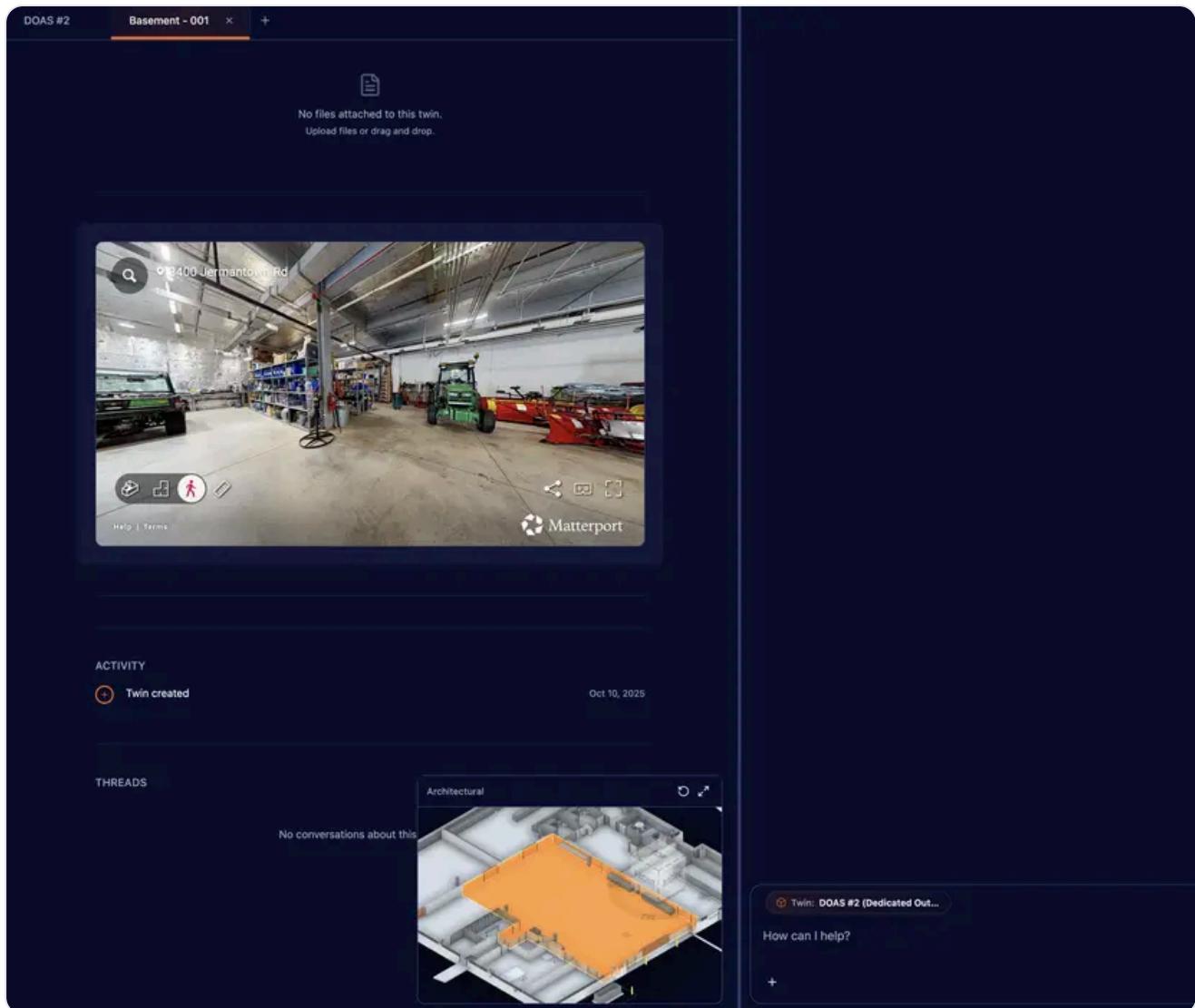
The serialNumber property uniquely identifies the asset within its manufacturing context.

Custom Properties

+ Add Entry

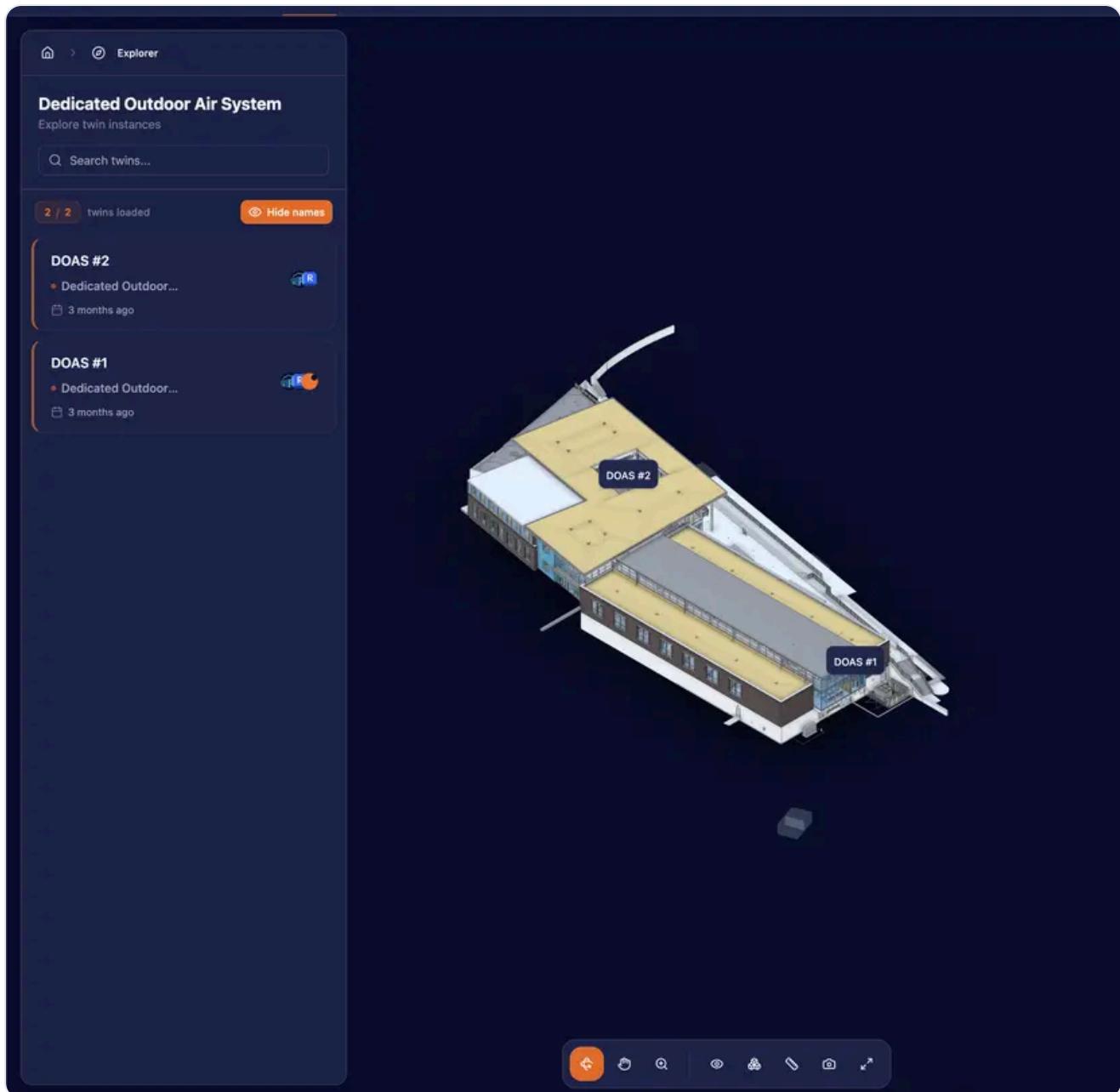
FMX

Model Number



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.



Global Search, Unified Twins Management & Matterport Viewer

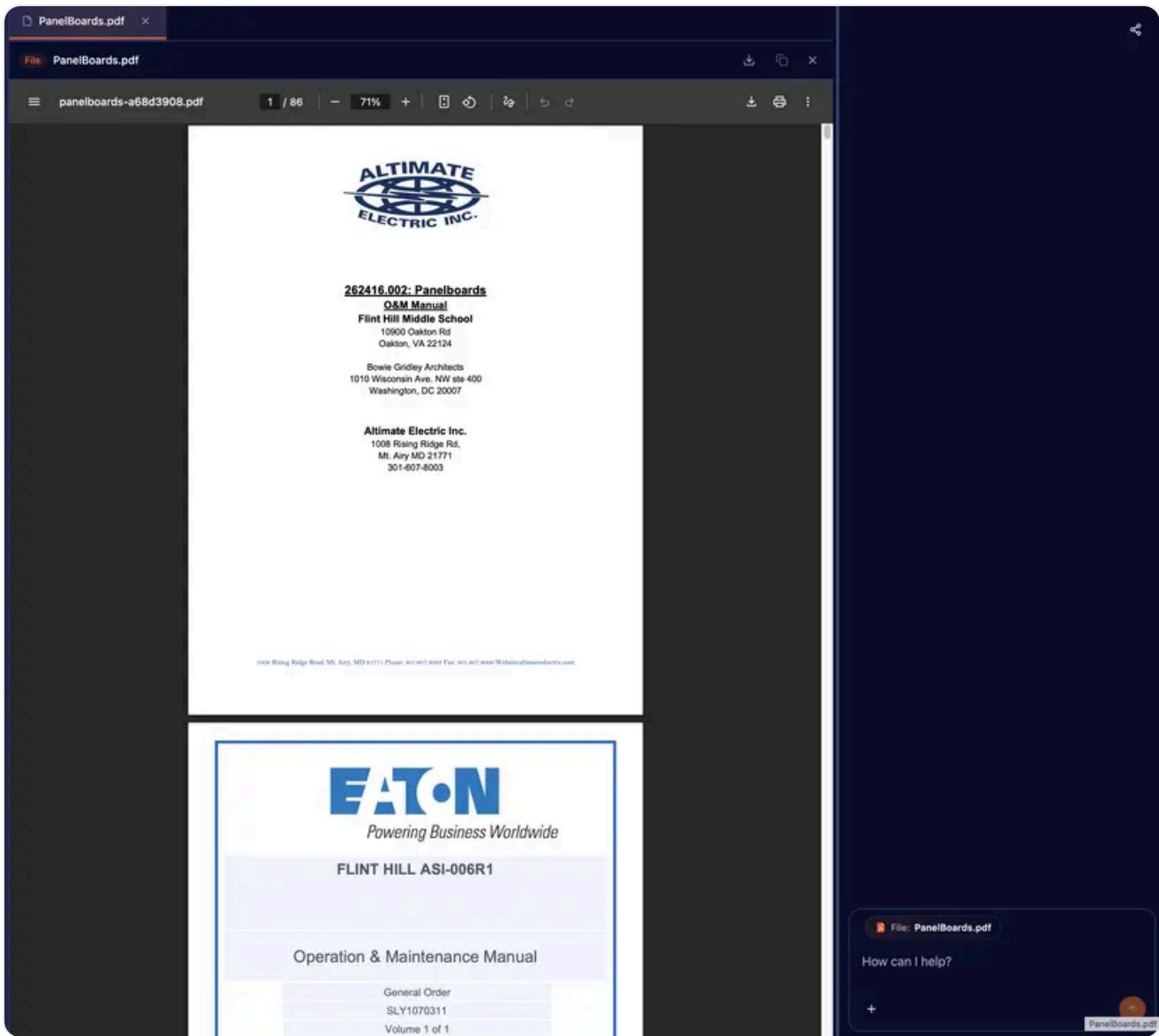
Global Search

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

Twins Telemetry

8,436 total twins | 44 types

Search object types or twins...



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

Set Data Source



← Back to Interfaces

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

Asset Mapping Create Relations Set Data Source Classify twins Unmap Provider

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

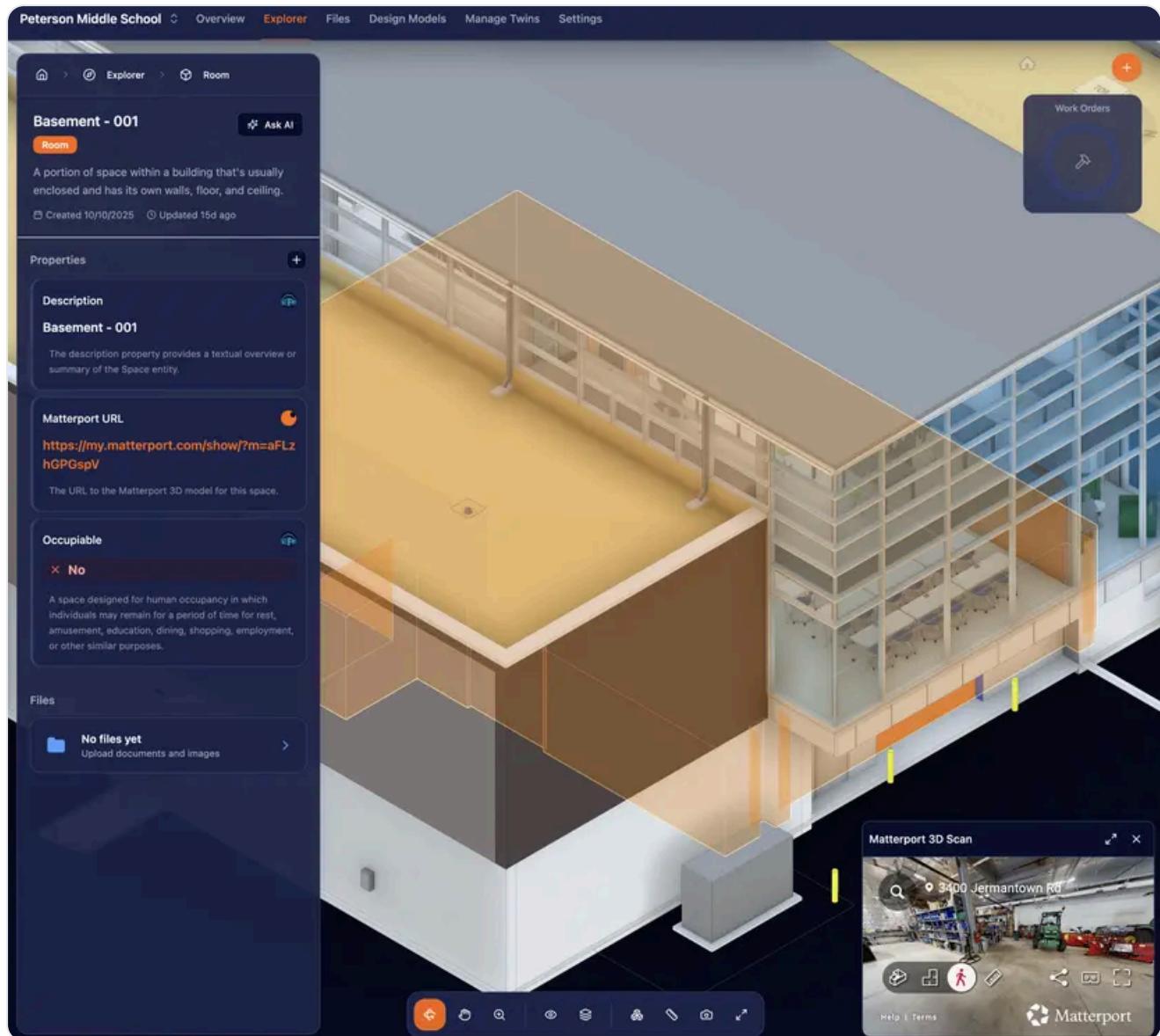
Select target type



Matterport Viewer

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

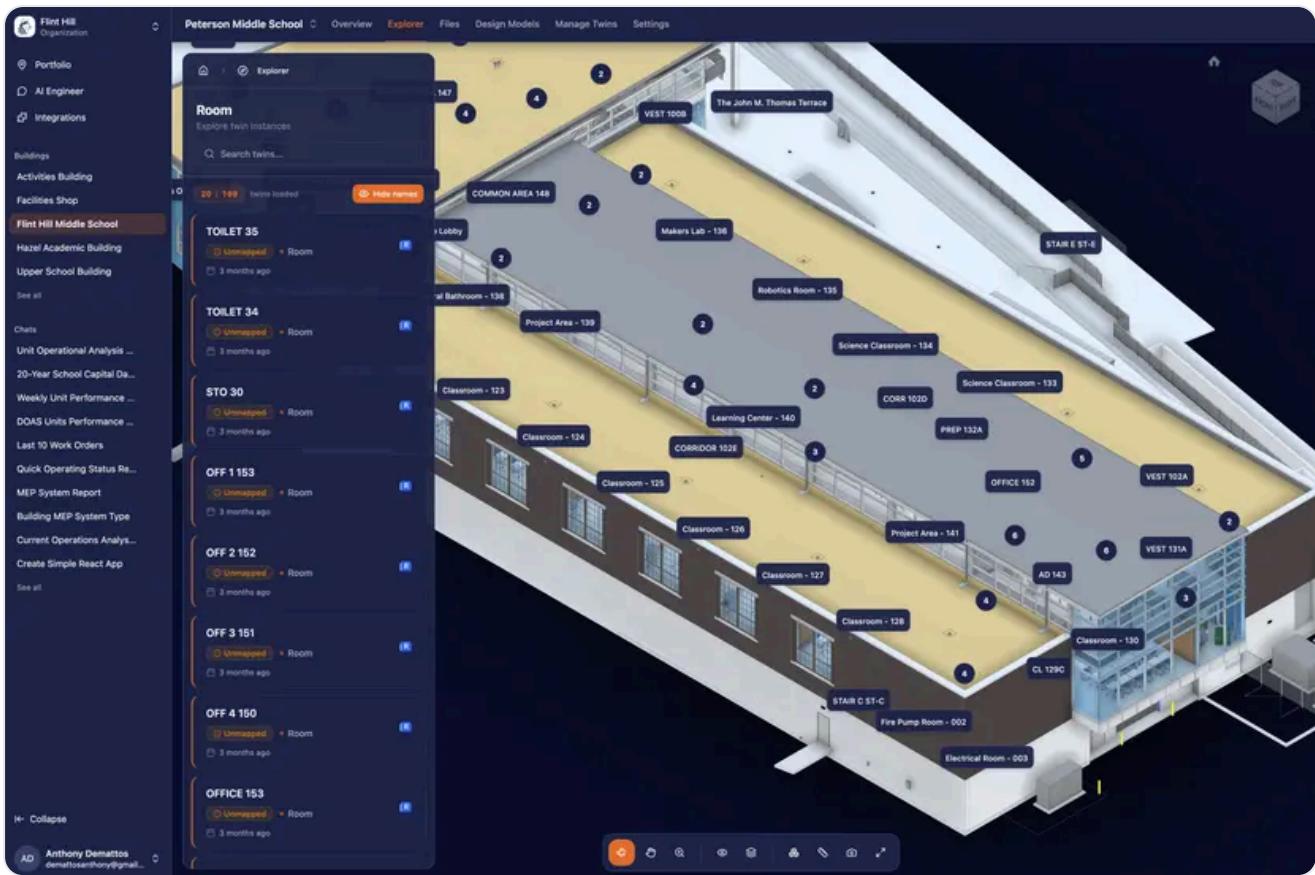
Provides immersive 3D context alongside the digital twin interface.



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.

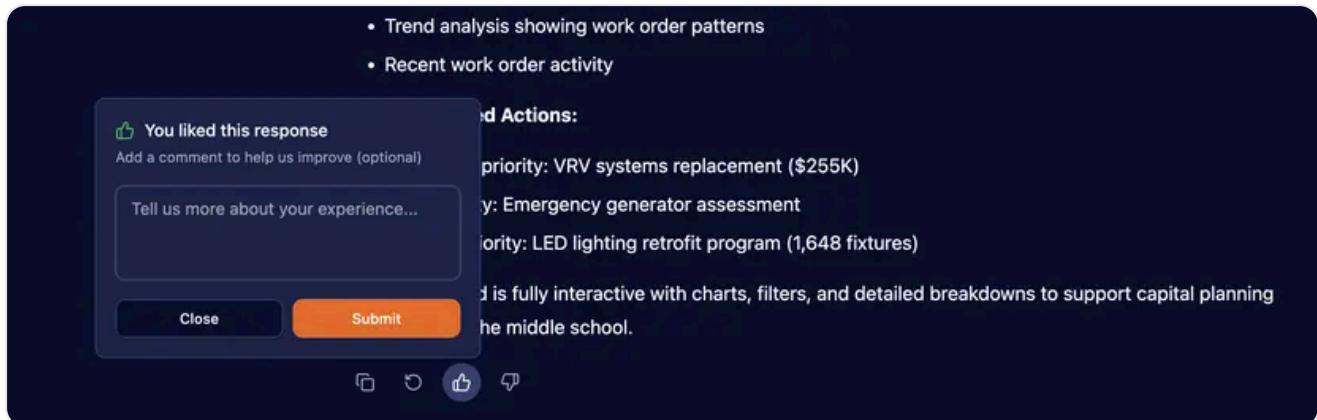
Includes automatic telemetry remapping when classifying twins to new interfaces.

AI Feedback, Improved Mini Apps & Syyclops 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

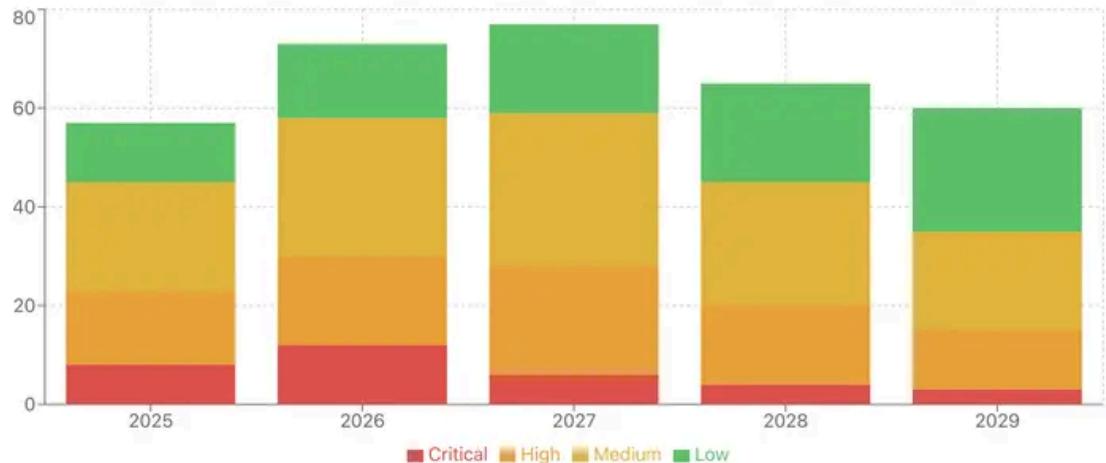
5-Year Capital Budget

57

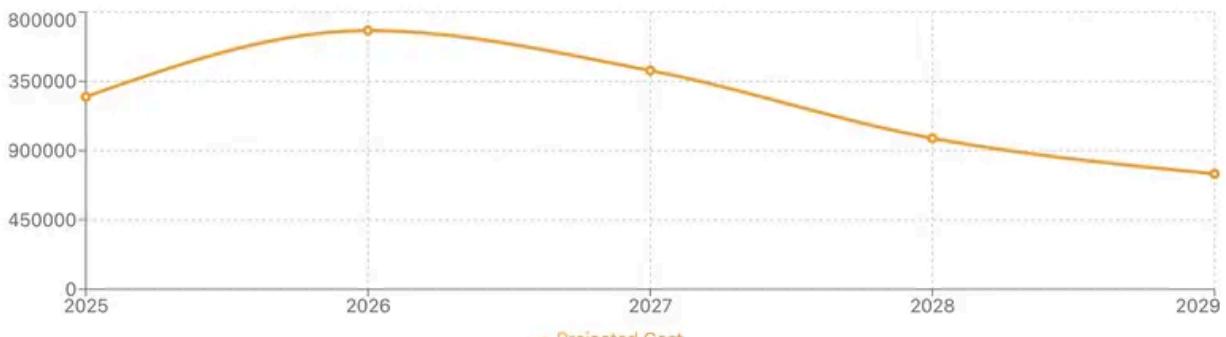
Items Needing Replacement

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

Syyclops Query Language

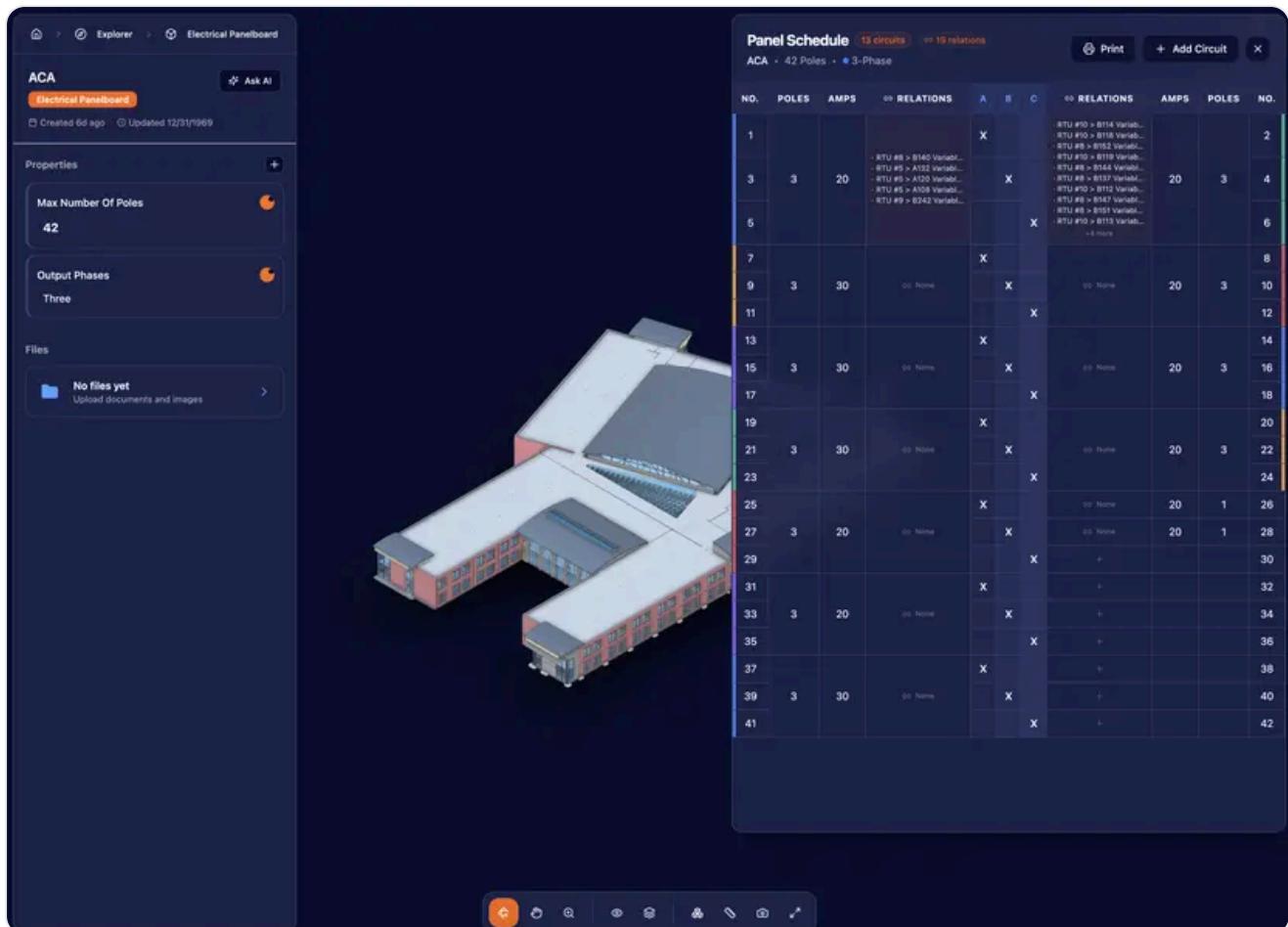
A native query language built specifically for the Syyclops digital twin graph.

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.



The screenshot shows a software interface for managing electrical panelboards. On the left, there's a sidebar with 'Properties' (Max Number Of Poles: 42, Output Phases: Three), 'Files' (No files yet), and an 'Ask AI' button. The main area features a 3D isometric view of a building with various electrical components. To the right is a 'Panel Schedule' table with the following data:

NO.	POLES	AMPS	RELATIONS	A	B	C	RELATIONS	AMPS	POLES	NO.		
1				X						2		
3	3	20					RTU #8 > B140 Variable RTU #8 > B152 Variable RTU #8 > B153 Variable RTU #5 > A120 Variable RTU #5 > A108 Variable RTU #9 > B242 Variable	X				4
5										6		
7				X						8		
9	3	30	oo:None	X						10		
11					X					12		
13						X				14		
15	3	30	oo:None		X					16		
17						X				18		
19							X			20		
21	3	30	oo:None		X					22		
23						X				24		
25							oo:None			26		
27	3	20	oo:None		X					28		
29						X				30		
31							L			32		
33	3	20	oo:None		X		L			34		
35						X	L			36		
37						X	L			38		
39	3	30	oo:None		X		L			40		
41						X	L			42		

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.



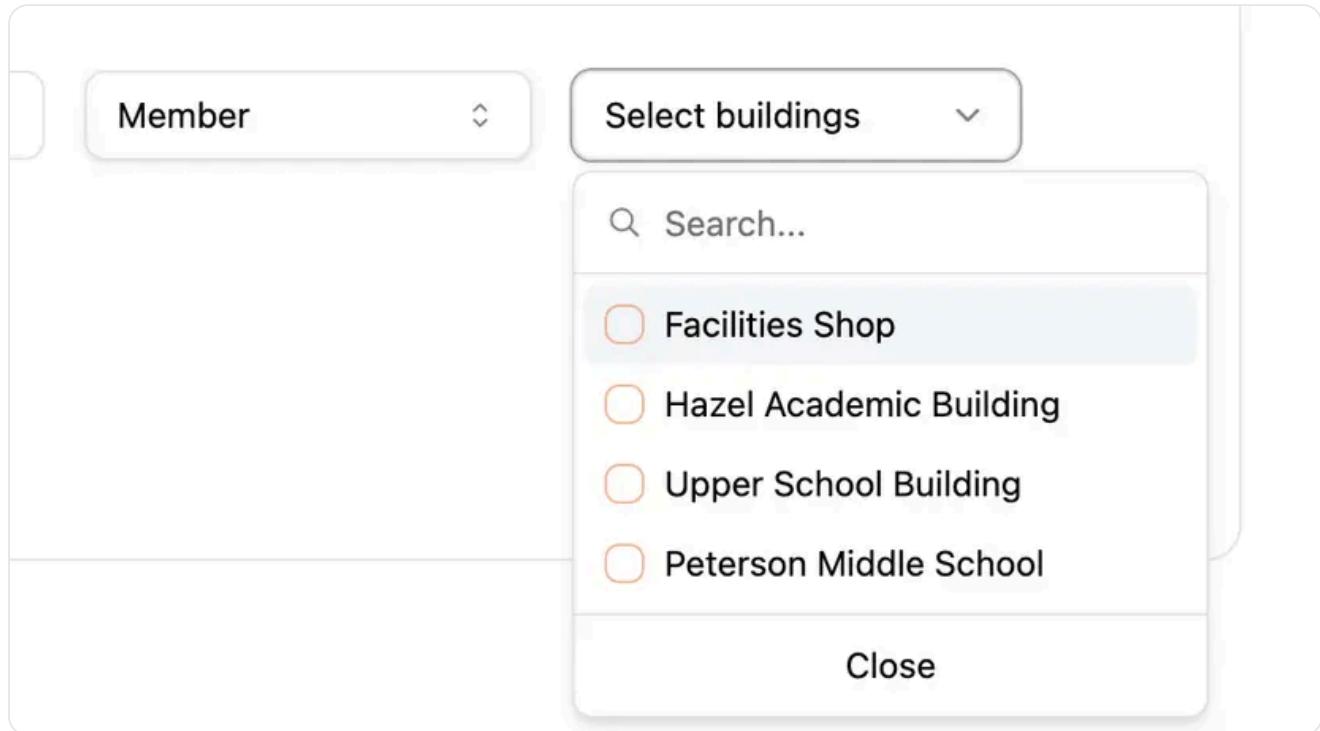
External URL Property for Spaces

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

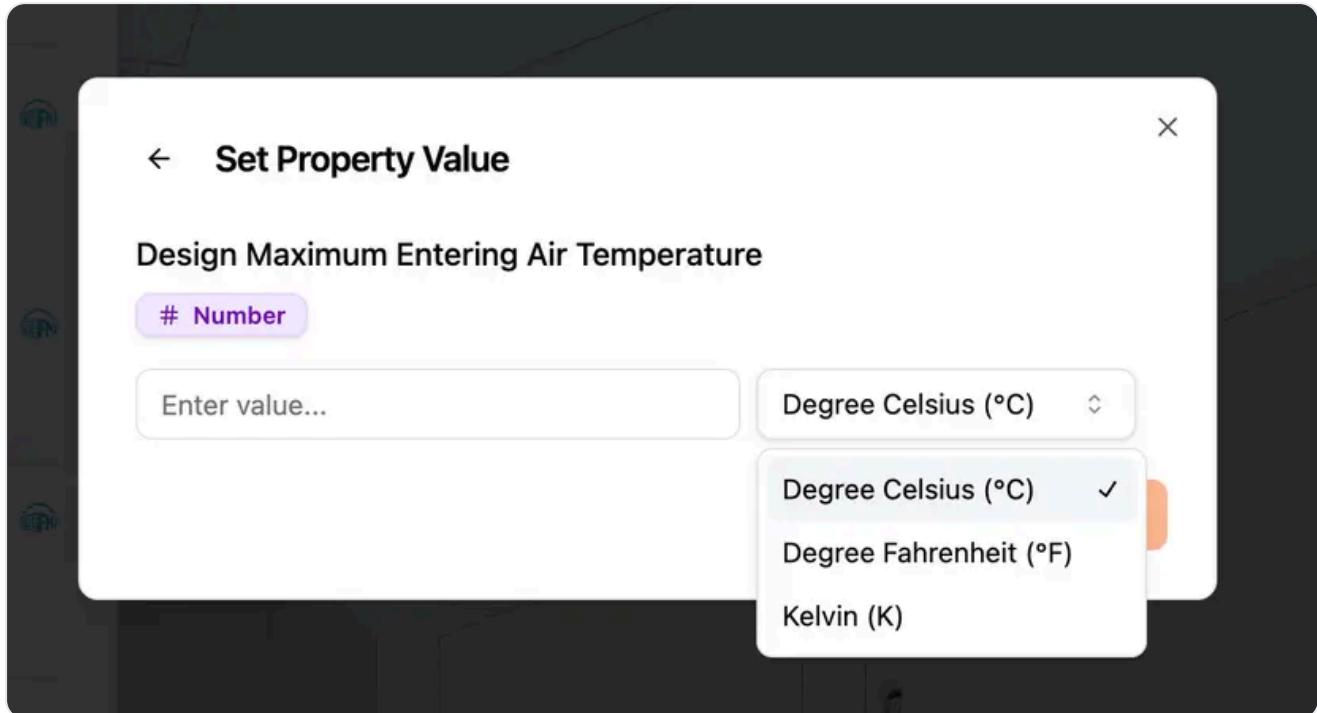
Removed the AI model selector from the chat interface. The platform now automatically uses the optimal model for each request.

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.

The screenshot shows the 'Telemetry Units' section of a software interface. At the top, a search bar says 'Search by twin name...'. Below it, a dropdown menu shows 'temperature' and 'All Providers'. A prominent orange button says 'Update Unit (20 selected)'. A message '20 selected' is displayed. The main list contains several entries, each with a red circular icon, a provider name ('ACE IoT'), a type ('temperature'), a unit ('°F'), and a status icon. The entries are: 'Network.SupplyAirTemp', 'Network.ReturnAirTemp', 'Network.MixedAirTemperature', 'Network.EvaporatorLeavingAirTemp', 'Network.ExhaustAirTemp', and 'Network.SpaceTemp'. A modal window titled 'Assign Unit to 20 Telemetry' is open, asking 'Select a unit to assign to the selected telemetries'. It has a 'Select Unit' dropdown, a search bar, and a list of temperature units: 'degreeCelsius (°C)', 'degreeFahrenheit (°F)', and 'kelvin (K)'. Below this is a section for 'Network.MixedAirTemperature' with the subtext 'temperature • ACE IoT'. At the bottom of the modal are 'Cancel' and 'Assign Unit' buttons.

Share AI Engineer Threads

You can now share AI engineer conversation threads via link.

Example: <https://app.syyclops.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

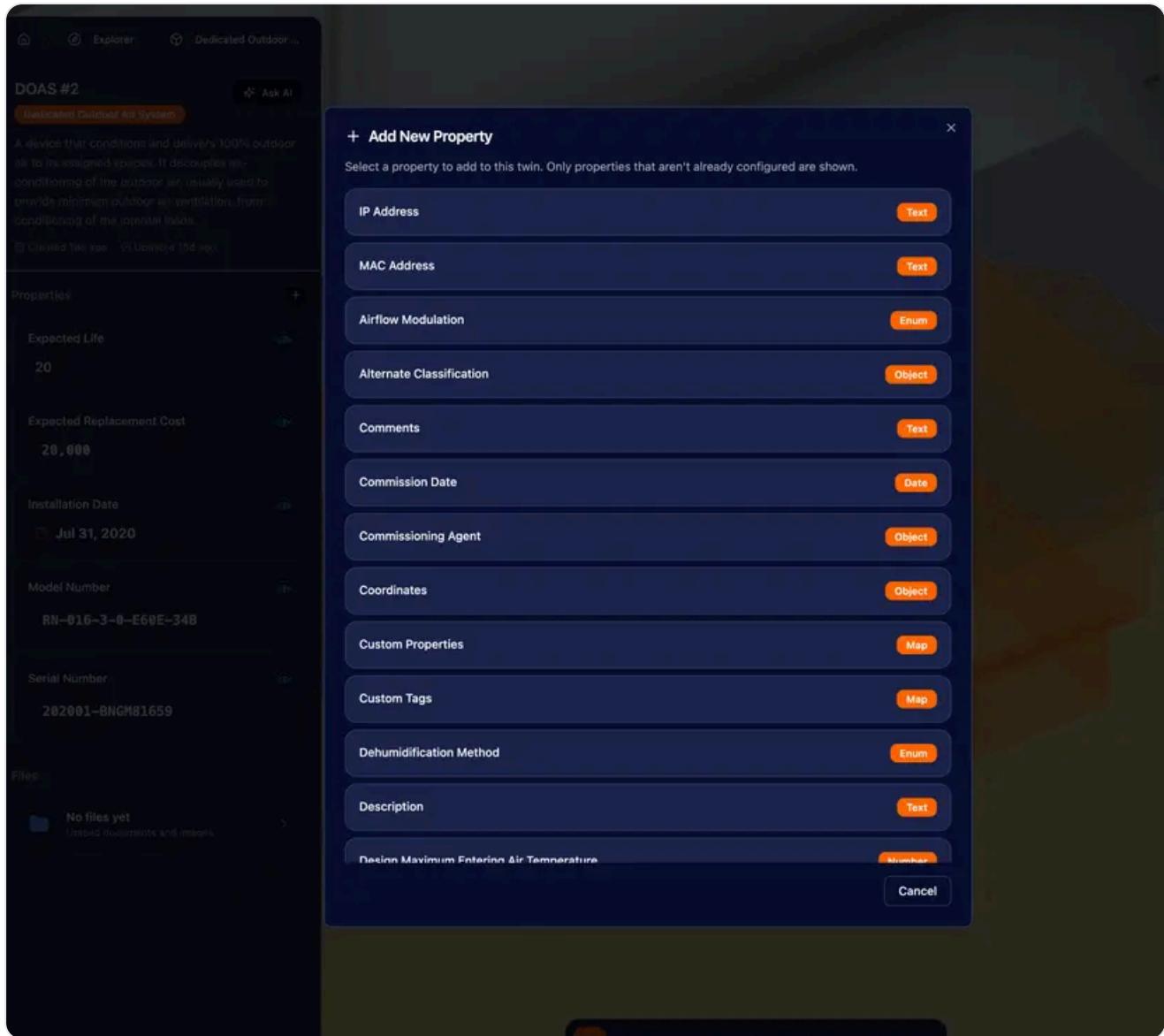
You can now create and edit properties on twins directly inside Syyclops. Until now, properties were primarily sourced from external systems or BIM imports. With this update, you can **capture new information in the platform itself**.

This keeps Syyclops 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**

Peterson Middle School Overview Explorer Files Design Models Manage Twins Settings

Explorer > ... > DOAS #2

Work Orders

Track and manage work orders

Search work orders...

Closed 6 days ago

Middle School General Maintenance in the Peterson Middle School
Maintenance Request Type: Appliance Repair
Appliance Type: Exhaust Fan
Due: 10/23/2025 Created: 10/24/2025

Cancelled 6 days ago

We would like to ask for a ladder to be brought to the MS lobby today or...
Maintenance Request Type: We would like to ask for a ladder to be brought to the MS lobby today...
Due: 10/22/2025 Created: 10/23/2025

Open 15 days ago

Middle School General Maintenance in the Peterson Middle School
Maintenance Request Type: Ceiling & Ceiling Tiles
Ceiling & Ceiling Tile Issue: Dislodged Tile(s)...
Due: 10/13/2025 Created: 10/14/2025

Closed 27 days ago

Appliance Repair - Den Concession Stand
Maintenance Request Type: Appliance Repair
Appliance Type: Freezer
Due: 10/2/2025 Created: 10/2/2025

Closed 27 days ago

Plumbing - Gender Neutral Bathroom - 212
Maintenance Request Type: Plumbing Plumbing
Type: Toilet Additional information: Toilet needs...
Due: 10/5/2025 Created: 10/2/2025

Closed 30 days ago

Door & Door Hardware - Entrance Lobby
Maintenance Request Type: Door & Door Hardware
Please explain the problem relating to...

6 days ago

15 days ago

27 days ago

30 days ago

Search, Filter, Create, Edit, Delete, Share, Print, Copy

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.
