

Syyclops Platform Changelog

Generated 2026-08-25

Building Overview Redesign, 3D Type Filter & Utility Bill Payments

Redesigned Building Overview

The building page now opens with two breakdown cards: Rooms grouped by floor and Equipment grouped by system, each with counts you can click straight into.

Furniture, building fixtures, documents, and utility bills are summarized in an "Also in this building" row, and building photos live directly on the overview.

A new Create Twin button in the building header lets you add a twin without leaving the page, and Create Building has moved into the Buildings group in the sidebar.

The screenshot displays the 'Regional Medical Center' building overview. The interface includes a sidebar with navigation options like Search, Portfolio, Calendar, Tasks, Work Orders, and Studies. The main content area features two primary breakdown cards: 'Rooms' (Spaces) and 'Equipment' (Assets). The 'Rooms' card shows 73 rooms mapped across 7 floors, with a breakdown by floor: First Floor (24), Second Floor (14), Third Floor (11), Fourth Floor (9), Ground Floor (7), Basement Level (5), and Fifth Floor (3). The 'Equipment' card shows 63 twins across 15 types and 6 systems, with a breakdown by system: Electrical (22), Lighting (18), HVAC (12), Plumbing (7), Conveyance (3), and Safety (1). Below these cards is an 'Also in this building' section with four categories: Furniture (15 twins, 4 types), Building Fixtures (20 twins, 3 types), Documents (5 twins, 1 type), and Utility Bills (None yet). A 'PHOTOS' section at the bottom indicates no photos are currently uploaded. The sidebar also shows the user 'EZE User' and a 'Collapse' button.

TO Test Organization
Organization

Search 3X

Portfolio

Calendar

Tasks

Work Orders

Studies

Buildings

Regional Medical Center

Design Models Edit Building

3D Information

Upload document

SPACES Rooms Explore ↗

73 rooms mapped · 7 floors · 1 type

First Floor 24 > Second Floor 14 >

Third Floor 11 > Fourth Floor 9 >

Ground Floor 7 > Basement Level 5 >

Fifth Floor 3 >

ASSETS Equipment Explore ↗

63 twins · 15 types · 6 systems

Electrical 22 > Lighting 18 >

HVAC 12 > Plumbing 7 >

Conveyance 3 > Safety 1 >

ALSO IN THIS BUILDING

Furniture
15 twins · 4 types

Building Fixtures
20 twins · 3 types

Documents
5 twins · 1 type

Utility Bills
None yet

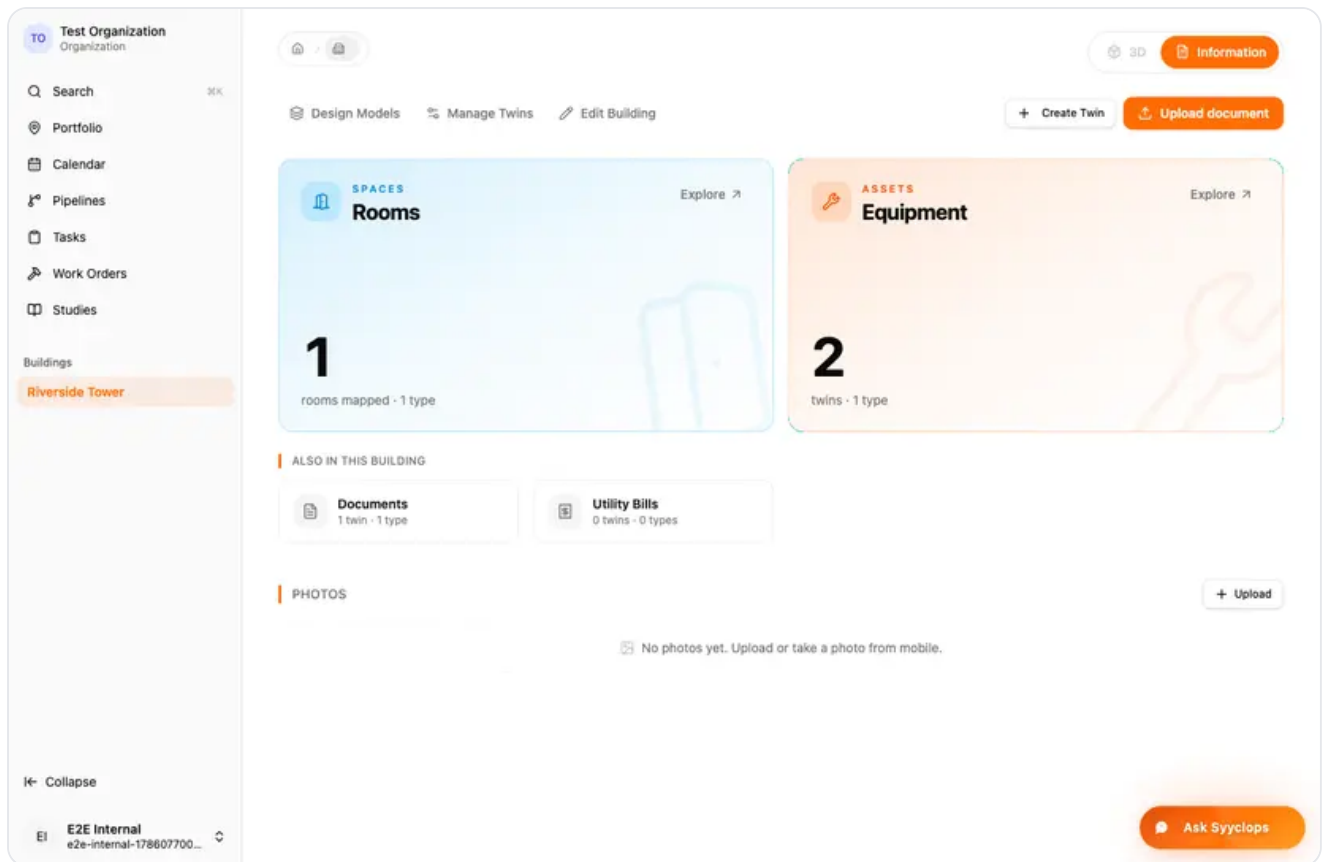
PHOTOS + Upload

No photos yet. Upload or take a photo from mobile.

⌵ Collapse

EZE User
e2e-9d9c4e49b073f95c...

Ask Syclops

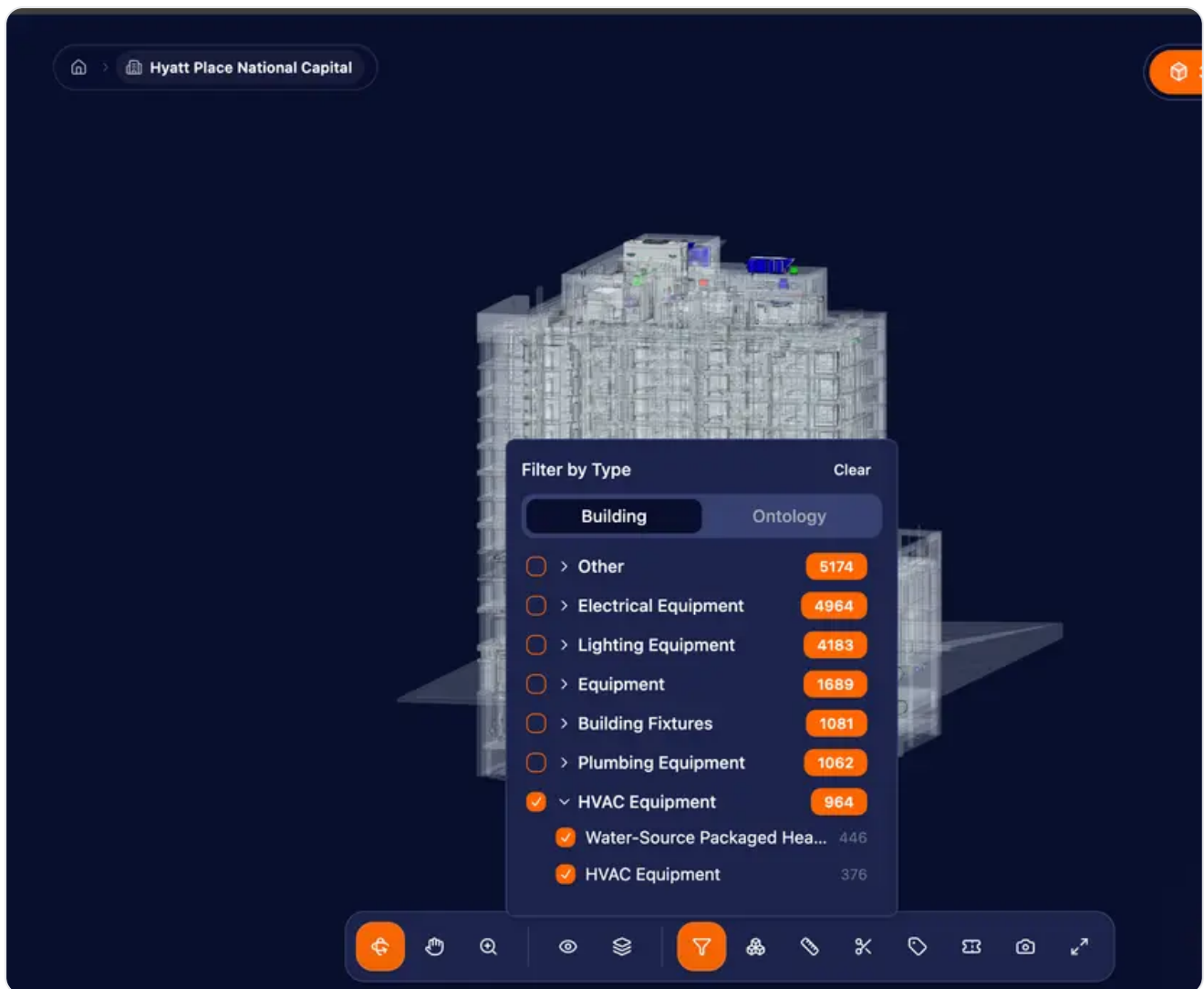


Filter the 3D Viewer by Type

A new Filter by Type panel in the 3D viewer lets you show only the categories you care about, such as HVAC, electrical, lighting, or plumbing equipment, with counts for each.

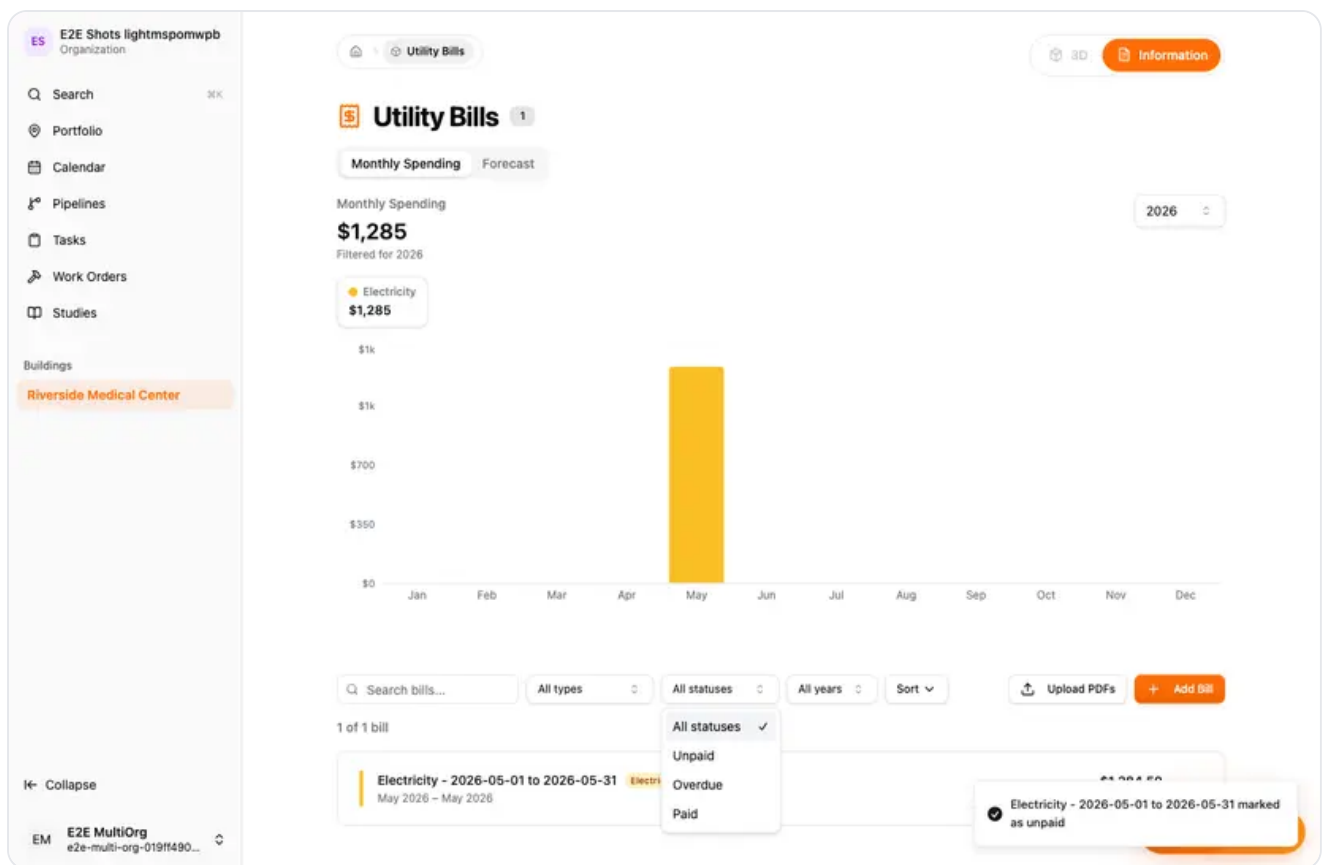
Switch between the building's own categories and the ontology tree, expand a category to pick specific types, and clear the filter with one click.

The selected twin is now highlighted against a ghosted building.



Utility Bill Payments

Record a paid date and amount paid on each utility bill and filter bills by status: unpaid, overdue, or paid.



Pipeline Compare & Apply

A new Compare button on the pipeline canvas lets you compare a pipeline against a sibling pipeline or an exported pipeline JSON file.

The diff view shows every node in place, color-coded by outcome, with per-field content changes and a side panel that lists each change and anything that would block an apply.

Once you have reviewed the preview, apply it as a merge or a full replace. Replace calls out deletions and run history before you confirm. (3.21.1)

Building Types, Parent Organizations & Task Matching

Set a building type when creating a building. Tasks are matched to the building type, so a hospital and an office see the task templates that apply to them. (3.21.1)

Organizations can be grouped under an optional parent organization to mirror how your portfolio is structured.

Users & Invites

Inactive users can be disabled, and organization invites now expire instead of staying open indefinitely.

Administrative routes are gated behind SuperAdmin with an audit policy, and file deletion is scoped to the owning organization.

BIM & Twin Properties

Export a BIM discipline's full property inventory as a workbook. Twin property sections are tabbed with clearer section titles, and unplaced twins are labeled by the provider they came from.

O&M manual searches keep running in the background while you navigate, and the manual is found using the Syclops model number.

Fixes

Telemetry now loads smoothly for equipment with hundreds of sensors, the panelboard skill reads spare capacity, work order upload dates are preserved, twins search results stay inside the viewport, and a closed twin's relationships no longer break the twin page.

Large BIM model deletions complete reliably, the section box is cleared when switching buildings, and the viewer mode stays in sync across browser tabs.

Streaming Pipelines, Studies, Relationships as Properties & BIM Model Issues

Streaming Pipelines

Streaming pipelines can now be authored directly on the pipeline canvas, bringing live telemetry sources into the same builder used for batch pipelines.

Each streaming pipeline reports its live health so you can see at a glance whether data is flowing, and the pipeline list is paginated so every pipeline is reachable.

Studies

The AI Engineer can now direct 3D snapshots of the model while composing a study, and every study is mirrored as a document you can open, share, and search.

Studies can be imported from existing documents, and study reports cite their sources from a tenant-scoped document search.

Relationships as Properties

Single-valued relationships (for example, the room an asset feeds or the panel it is powered from) now behave like properties: edit them inline on the twin, and create the target twin on the spot if it does not exist yet.

Relationships are available as layout fields in the layout designer, the twin form, and bulk edit.

BIM Systems, Views & Model Issues

BIM systems and views are imported alongside the model, BIM uploads show each processing stage as they progress, and a new model issues console flags problems in design models before they reach the twin.

Equipment & Telemetry

Equipment twins gain nameplate voltage, current, and dimension properties, telemetry points can be assigned a unit directly, and the AI Engineer can write map-valued twin properties.

Redesigned Rooms, Documents & Utility Bill Pages

The building rooms page, the documents page, and the utility bill detail page have all been redesigned. Documents can be renamed in place, and room wall types are picked without dropdowns.

The portfolio equipment donut is replaced by a grouped breakdown, the section box can be filtered by interface, and a work order shortcut was added to the navigation.

AI Engineer & Work Orders

The AI Engineer and image describer have been upgraded to a newer, more capable model, and the work order form suggests a location for you.

Fixes & Security

HEIC photos are converted to JPEG automatically, downloaded files keep their display name, document names are middle-truncated with the full name on hover, and archived pipelines show the right status.

OAuth sign-ins are bound to a verified identity, verification failures are logged server-side, and email templates escape HTML.

v3.19 Jul 27, 2026

Panel Schedule & Curated Property Fixes

Fixes

Panel schedule circuit descriptions save and display correctly, and empty complex curated properties can be edited in place.

Pipeline SQL transforms are restricted to their own input and handle literal semicolons (3.19.1), and ACE telemetry is coerced by its BACnet object type.

Security

Groundwork for a fail-closed OAuth token verifier. (3.19.1)

Asset Page Tabs, Utility Bill Types & Streaming Templates

Asset Page Tabbed Layout

Asset pages use a tabbed layout so long property lists are easier to scan, and O&M manual searches run as a background job.

Utility Bills

Additional utility bill types are supported, and a warning appears when a bill's meter charges do not add up to its total.

Streaming Pipeline Templates

Ready-made streaming templates for Kaiterra and ACE telemetry sources, and cost tracking for Studies in the admin console.

Mobile

Upload and view videos from the mobile app.

Fixes

Meter data fixes, room names no longer show when they should not, O&M manuals are found for inactivated model numbers, organizations are sorted alphabetically, the panelboard circuit skill is corrected, and cross-organization building share links work.

Studies Generally Available, O&M Manuals, Wall Makeup & Submeter Links

Studies Is Now Available to Everyone

Studies, introduced behind a flag in 3.16, is enabled for all users. Study PDF export and publish are fixed in production, organization members can access a study's chat thread, and downloads use safe filenames. (3.17.1)

Facility & Building Data

Record wall condition makeup on rooms, link submeters to the panelboard they feed, and fetch the O&M manual for a piece of equipment with a manufacturer fallback.

A new Meter tab on the asset page. (3.17.2)

Twin Layout Cards & Ontology Navigation

Twin pages use layout cards, and you can navigate the ontology tree from the app and the admin console.

Streaming Pipeline Foundation

The plumbing for streaming pipelines landed: a streaming transform library, node processors and executor, an MQTT worker runtime with reconnect, and run sessions with a control channel and health reporting. (3.17.1)

Improvements & Fixes

Autodesk translations are cached, large mobile media uploads are chunked, and deleting a file cancels any extraction still running.

Breadcrumbs collapse responsively, document counts refresh after a delete, the 3D toggle is guarded when there is no model, floor selection and the chat panel layout are fixed, and Autodesk webhooks authenticate with a per-model secret so BIM translations no longer hang.

Security

Deleting an organization, assigning or inviting a SuperAdmin, and the job dashboard are gated behind SuperAdmin; organization invites and member permissions follow the role hierarchy; bulk twin status updates are scoped to your organization; and admin invite creation is audit-logged. (3.17.1, 3.17.2)

Collabora document editing uses a dedicated token secret and an iframe allow-list.

Archive

JUL 2026

v3.16 Jul 13, 2026

Studies Workspace, Task Versioning & Admin Pipelines View

Studies Workspace

A new Studies area with a sidebar, list, and tabbed workspace. Compose study documents natively as DOCX with live in-browser editing, keep a full version history with attribution, diff, and revert, and drop 3D element snapshots straight into the document.

Export a study document or publish it to the building as a versioned document twin. Studies shipped behind a feature flag in this release.

Tasks

Tasks gained bulk replace and versioning across the app and the admin console.

Admin & Design Models

A new pipelines view in the admin console, the ability to cancel a design model translation, standardized admin page layouts, and a clear distinction between pending invites and members.

Twins & Mobile

Shift-click to select a range of twins. On mobile, upload and delete building photos.

Fixes & Security

Building photos are counted from image twins, cancelling an upload actually stops it, deleting a file stops its extraction, and replacing a BIM model fails closed instead of corrupting data.

Building-level access is enforced on uploads and review actions, file reviews and IoT telemetry are isolated per tenant, and environment secrets moved to Azure Key Vault.

In-App Twin Management, Curated Sections & Work Order Extraction

Manage Twins Without Leaving the App

Create relationships between twins, reclassify a twin to a different interface, and map assets to model elements directly in the app instead of through a data pipeline.

A twin diff viewer in the admin console shows exactly what a pipeline run changed.

Curated Property Sections

Administrators can define which properties appear on a twin page and how they are grouped, using a property picker in the admin console.

Work Orders

Upload a work order document and let the AI extract it into a structured work order. Create your own work orders on mobile and web, and delete a work order from its detail view.

3D Viewer

Filter assets by category, crop the model with a section box, and zoom and pan the image viewer with the mouse wheel.

Room sizes and wall boundaries are read from COBie space data, and sensors are placed on the room layout with their relationships. (3.15.1)

Studies Foundation & Electrical

The Studies data model and a feasibility agent that runs chat, method, and discovery landed as the foundation for the Studies workspace.

Track per-phase kVA load on electrical circuits, and use additional utility bill types.

Admin & Mobile

Audit logs are available in the admin console, the admin sidebar, users, and audit logs were restructured (3.15.1), inviting users is smoother, and admin files can be sorted.

On mobile, photo uploads no longer block the app, and building photos can be opened from the interface list.

Security

Design models, files, and apps are scoped strictly to the owning organization, a SQL injection path in the data lake was closed, and authentication and sessions were hardened as part of SOC 2 work.

JUN 2026

Work-Order-Aware AI, Twin Editing Through Chat & Building Page Redesign

AI Engineer Understands Work Orders

An Ask pill on every work order opens the assistant pre-loaded with that work order's context, so you can ask what was done last time on this asset, what commonly fails on this type, or where it is located.

The assistant answers from your building's own history and is instructed not to invent history when the data exists.

Edit the Digital Twin Through Chat, With Review

The AI Engineer can propose a batch of twin changes. You review each one with a visual property diff, approve or reject it, and only the approved subset is applied.

Affected data refreshes automatically once changes are applied, and any conversation can be saved as a reusable, schedulable task with the prompt auto-drafted for you.

Redesigned Building Page & Spreadsheet-Style Properties

The building page leads with a prominent Upload Document action, surfaces category folders higher, and adds an inline photo strip.

Twin properties were reworked into a transparent, spreadsheet-style grid: borderless until you hover, single-click editing, and inline descriptions. Long twin pages get an "On this page" navigation rail.

Rooms are grouped by floor with a floor filter, documents can be sorted by newest, oldest, or name, and manually created work orders can be deleted.

Bulk Property Updates & Assignments

Multi-select twins of the same type and set a property such as model number on up to 500 of them in one all-or-nothing update.

Assign a work order to any person with a find-or-create picker on web and mobile. The same picker works for relationships like serviced by and owned by.

Mobile App

A four-step onboarding flow introduces the AI Engineer, navigation, photos, and twin enrichment on first launch.

Edit twin properties inline, browse the calendar with month, week, day, and 3-day views, and capture photos and videos on rooms and equipment, not just work orders.

A redesigned full-screen photo viewer adds one-tap native sharing.

Tasks & Admin

Task visibility is simpler: your tasks are visible to your organization, admin tasks are global, and admins choose which global task folders each organization sees from a new Task Folders tab.

The admin members list shows Last Active and login count, and the admin Tasks page supports multi-select and bulk delete.

Visual Pipeline Builder

A brand-new visual builder for data pipelines replaces the previous tooling and lays the groundwork for self-serve integrations. Pipeline files can be dragged straight onto the import dialog.

Security & Data Integrity

Closed a cross-tenant authorization gap so every organization-scoped request verifies membership, scoped utility bill extraction to your organization, and put the job dashboard behind admin authentication.

Deleting a document no longer deletes the twin it was attached to, global search stays in sync as twins change, and stale cross-organization relationships no longer produce duplicate equipment rows.

Maps and Google sign-in degrade gracefully during a Google outage, with Microsoft sign-in staying available.

MAY 2026

Equipment Layouts, Calendar Overhaul, Mobile Push & Pinned Threads

Custom Equipment Layouts

Equipment pages now use curated, sectioned property tables with count badges and "Click to add" placeholders for unset values.

Layouts shipped for air handling units, chillers, boilers, cooling towers, fan coil units, unit heaters, pumps, fans, terminal units, VAV boxes, water heaters, lighting, fire alarm, security, and more.



DOAS #2

Dedicated Outdoor Air System

Active

RNC-V-AC-ERC-GAS

SN: 202001-BNGM81659

OVERVIEW

Jul 31, 2020

Jul 31, 2040



REMAINING
14 yr 2 mo



AGE
5 yr 9 mo



EXPECTED LIFE
20 years



LAST SERVICE
3yr ago

PROPERTIES

Configuration (6)

ZONE DELIVERY

MultiZone

Property defining the delivery method for air within a designated zone.



VENTILATION STRATEGY

DemandEconomizing

Property indicating the strategy employed for ventilating spaces within the air handling unit.



VENTILATION CONFIGURATION

OA

Property representing the specific configuration of ventilation used by the air handling unit.



AIRFLOW MODULATION

ConstantVolume

Indicates the mechanism for airflow modulation in the Air Handling Unit.



DISCHARGE DUCTWORK CONFIGURATION

SingleDuct

Defines the configuration of the discharge ductwork in the Air Handling Unit.



PIPING CONFIGURATION

FourPipe

When equipped with a single coil that is dual purpose for both heating and cooling depending upon the mode of the central plant, set to TwoPipe.



Capacity (0)

NOMINAL COOLING CAPACITY

--

BTU/h

NOMINAL HEATING CAPACITY

--

BTU/h

NET SENSIBLE COOLING CAPACITY

--

BTU/h

NET SENSIBLE HEATING CAPACITY

--

BTU/h

DESIGN MINIMUM OUTSIDE AIRFLOW

--

L/s

DESIGN MAXIMUM ENTERING AIR TEMPERATURE

--

°C

NOMINAL ENERGY EFFICIENCY RATIO (EER)

--

Air treatment (0)

FILTER TYPE

--

HUMIDIFICATION METHOD

--

DEHUMIDIFICATION METHOD

--

ENERGY RECOVERY METHOD

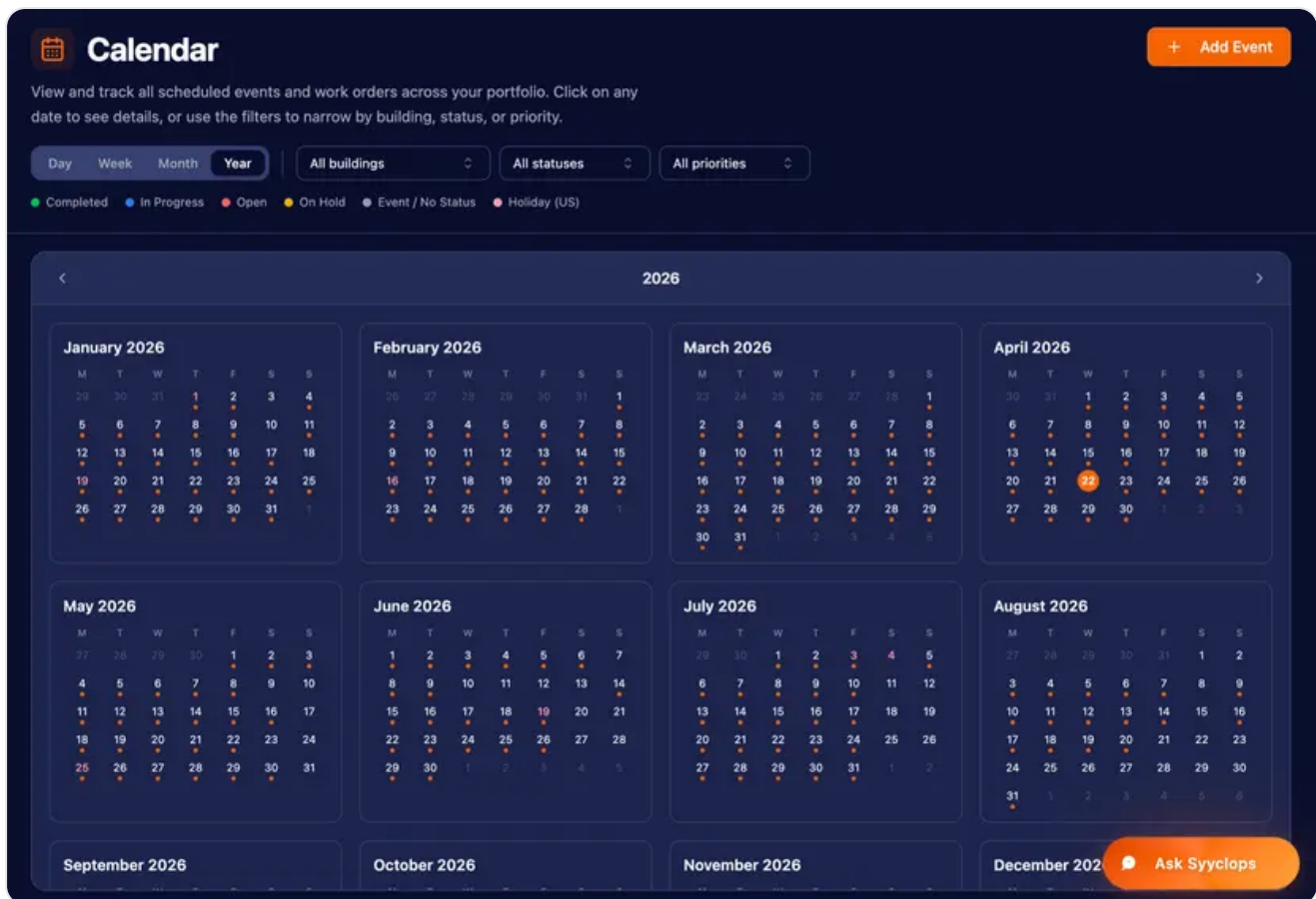
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REFRIGERANT TYPE

--

Calendar Overhaul

The calendar gained Day, Week, Month, and Year views with a national holidays overlay, an Apple-style day view with a current-time line, and full dark mode support.



Mobile App

Push notifications for mobile-initiated tasks and threads, with in-app banners and a per-user opt-out.

Take photos directly from a work order, re-capture from the full-screen viewer, and add notes. The home screen is now a per-building dashboard showing recent tasks, work orders, and photos.

A floating AI Engineer bubble on every screen opens a chat that already knows which building or twin you are looking at.

Chats & Tasks

Pin chat threads to keep them at the top of the thread list, jump back to the bottom of a long streaming answer with one tap, and search tasks across all folders at once.

Newly created tasks appear in a dedicated Pending section, and chat threads opened inside a building automatically know its address, coordinates, and timezone.

Admin

An organizations map view plots every building across your organizations on a clustered map, and a member's role can be changed without re-inviting them.

A new LLM cost and usage view drills from organization to task to thread, and prompt caching significantly reduces the cost of long agent runs.

Fixes

Work order status filters no longer match historical values, utility bill review items survive navigation and refresh, deleting a document returns you to where you came from, and inviting a Member selects all buildings by default with building-level access enforced in twin queries.

APR 2026

Portfolio Calendar, Smarter Task Runs, Building Photos & Utility Bill Editing

Portfolio Calendar

A new cross-building calendar shows all events and work orders across your portfolio. Events render as bars from start to end date, recurring events expand automatically, and work orders sit on their due date.

Smarter Task Runs

Task cards show the latest run status and count, and a Run History sidebar lists every run with duration, who triggered it, tokens used, and cost.

Every task gets an auto-generated description, task runs get meaningful thread titles, you can declare the expected output file types, any task can be duplicated, and unsaved changes prompt before you leave.

Utility Bills

A 12-month statement is extracted as 12 separate bills, with meter totals and peak demand taken directly from the bill.

Edit any field inline on the bill detail, delete with confirmation, and add properties the AI missed.

Documents

The documents library gained thumbnail cards, extension color coding, and fixes for files getting stuck in processing, including password-protected PDFs and HEIC uploads.

Building Photos

Snap a photo from the mobile sidebar, pick a building, and add a note. Photos appear in a grid on the building page on web, with upload and drag-and-drop.

3D Viewer & Twin Data

Telemetry charts label lines with the sensor's actual name, the Manage Telemetry page shows every telemetry point, the work order heatmap renders in 3D mode, and Autodesk model translations are cached so repeated uploads load faster.

Admin & Reliability

A role accessibility matrix in organization settings shows exactly what Owners, Admins, and Members can do.

A large reliability pass on FMX sync: no more cross-building invalidation, building twins stay active, shared twins are no longer recreated daily, and telemetry units are preserved on re-sync.

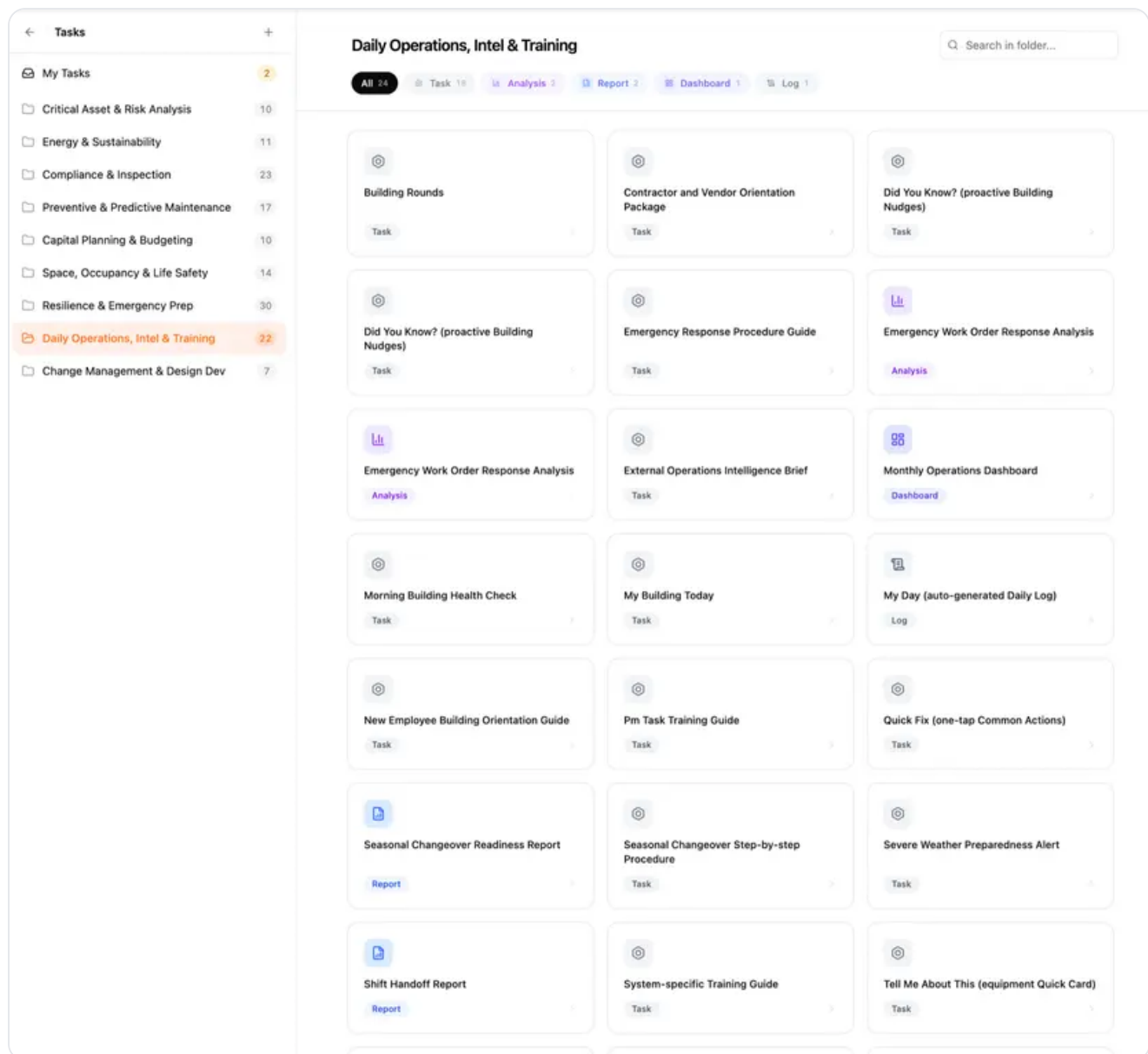
Tasks Rebuilt, AI-Built Apps, Interface Navigation & Document Review

Tasks Rebuilt

Tasks are organized into predefined folders such as Critical Asset & Risk Analysis, Energy & Sustainability, and Compliance & Inspection, with a sidebar and detail layout, auto-typed cards, and type filters.

New tasks start as pending and are approved by an admin before they can run. Test a prompt from the edit page, use Improve to have the AI rewrite it, and pick a building before each run.

Completed runs show status, duration, and the output files created, and the completion email attaches them. A library of ready-to-use global tasks is included out of the box.



AI-Built Apps

Describe what you want and the AI Engineer builds an interactive app with access to your building data. Larger apps are built in stages with a visible plan.

The agent can edit an existing app, an error overlay lets you send a crash straight back to the agent to fix, and all apps are collected in an Apps hub per building.

AI Engineer

The file viewer has tabs for switching between generated files, running threads show a spinner, organizations have a monthly AI budget, and the AI Engineer moved to a newer model with a larger context window.

Work Orders & Utility Bills

The work order detail page was rebuilt with a toolbar header, status dropdown, and Overview, Files, and Activity tabs.

Drop multiple utility bill PDFs at once; each is extracted in parallel and reviewed in a batch dialog.

Building Navigation & Twin Intelligence

The building page shows interface categories such as Equipment, HVAC, Spaces, Work Orders, and Documents instead of auto-generated collections.

Twins use COBie names from BIM metadata, equipment is classified from OmniClass codes into specific interfaces like Fan Coil Unit or Air Handling Unit, and syncs upgrade to a more specific interface automatically.

Document Review

AI-generated document connections are reviewed one at a time with prev/next navigation, with the 3D viewer highlighting the targeted equipment beside the PDF source. Decisions can be reversed.

Admin & Mobile

Members in multiple organizations show as one row with an organization switcher, and expired invite links show a helpful message instead of a generic error.

The mobile app gained haptic feedback, larger touch targets, and better dark mode contrast.

Work Order System, Utility Bills & Document Deletion

Work Order System

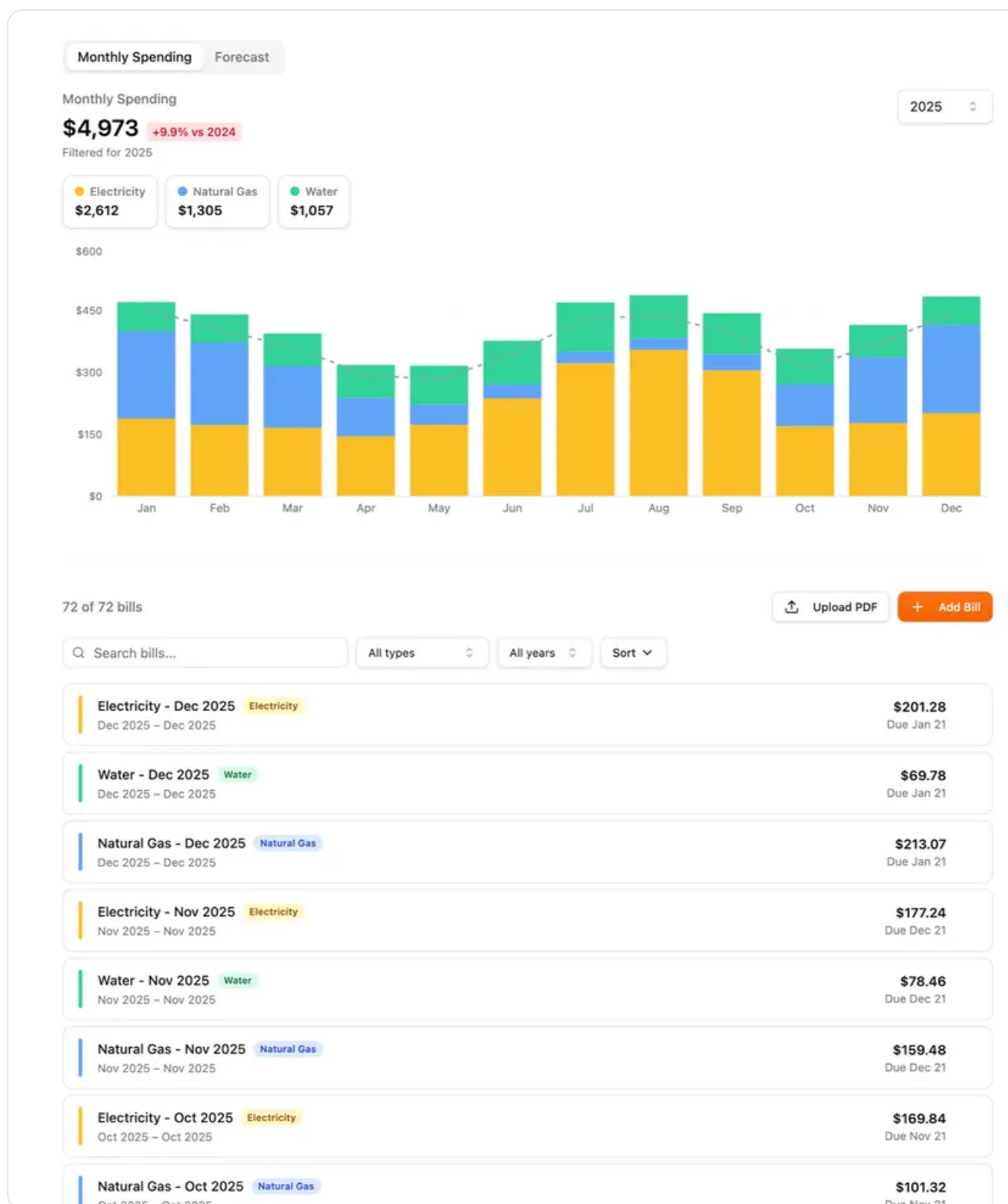
Create, track, filter, and manage work orders inside the building view. The creation form covers details, schedule, and relationships, linking assets and spaces with twin search.

The list is card-based with status accents, location metadata, and overdue highlighting, topped by a status distribution bar and KPI cards that act as quick filters.

Utility Bills

Upload utility bill PDFs and the AI extracts dates, charges, and meter readings into a pre-filled form, or enter bills manually with multiple meters.

Filter by service type and year, see monthly spending with year-over-year comparison, and view a six-month forecast. A building dashboard card shows bill count and latest charge.



Document Deletion & Reprocessing

Documents created through the processing pipeline can be deleted with full cleanup of pages, embeddings, and search entries. Admins can view, filter, and bulk-reprocess files.

Shared Task Threads

Organization members can view the run threads of tasks shared by other users, in read-only mode.

3D Viewer & UI Polish

Room labels in the 3D viewer are clean text labels that are easier to read, and breadcrumbs and the 3D/Information toggle use an inset style embedded in the page.

The tasks page was redesigned, equipment collections with a single type auto-expand, and Open in Google Maps uses the building's address instead of coordinates.

Intelligent Document Processing, Collections Redesign & Mobile App

Intelligent Document Processing

Uploading a PDF to a building now runs a full processing pipeline: page extraction, chunking, embeddings, and document twin creation.

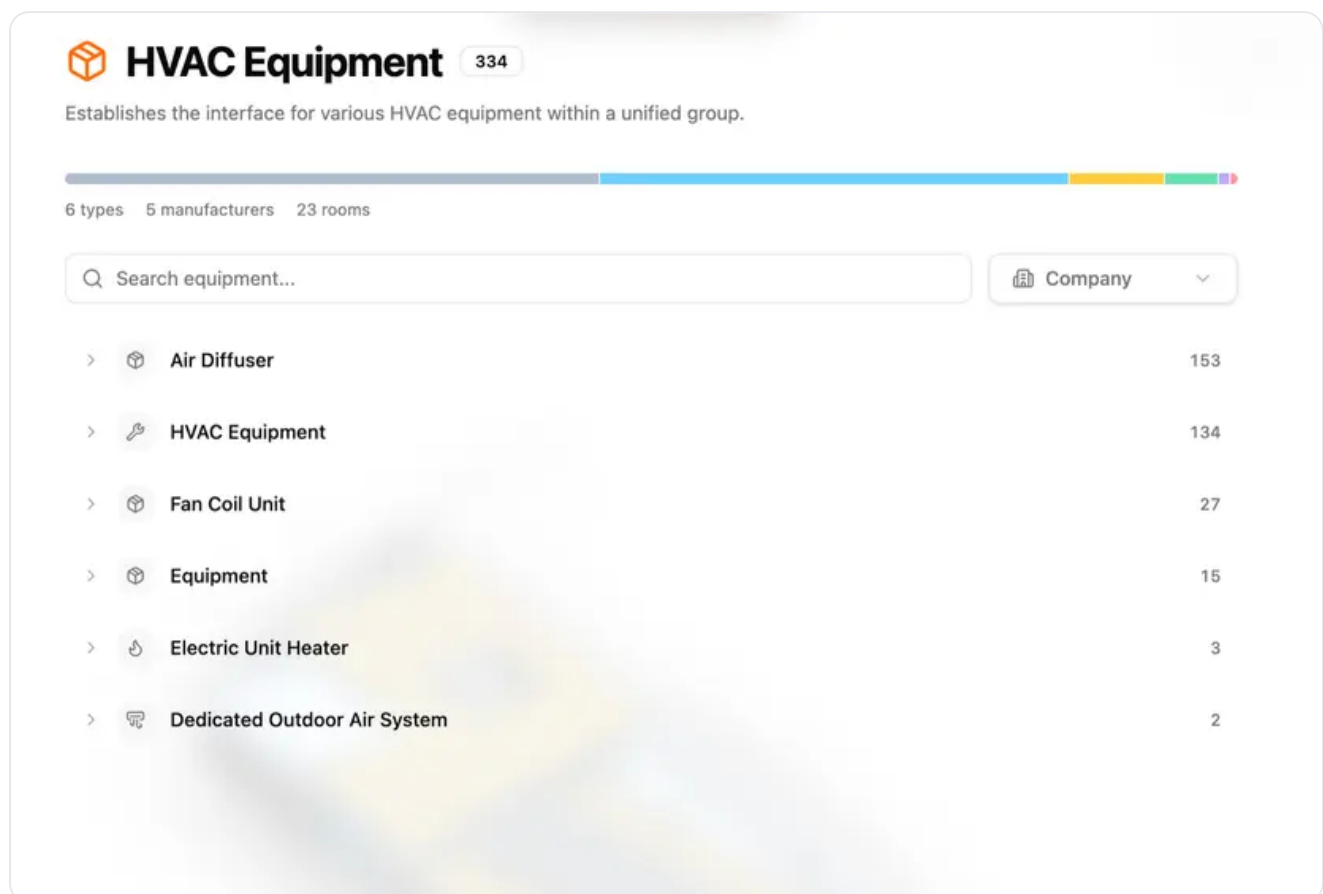
AI-generated connections between documents and existing twins give the AI Engineer richer, graph-based context. The documents page shows every document classified by type.

Collections & Equipment Pages

A refreshed building header, folder-style collections grid, and collection headers with stats. HVAC equipment is grouped by type in a collapsible list instead of a paginated table.

Equipment detail pages open with a lifecycle overview: remaining life, age, expected life, last service date, and model and serial number badges.

Rooms show the assets located in them, and the building list in the sidebar supports search.



Mobile App

The Syyclops mobile app brings AI chat with streaming responses, the building portfolio, twin pages, task management, work orders, Google and Microsoft sign-in with two-factor

authentication, and dark and light mode to iOS and Android.

AI Chat

Sub-agent tasks are more compact with a View Summary button always visible, the document loader previews content as it streams in, and the thread switcher scrolls through your full history.

Fixes

Resolved very slow queries that caused timeouts, erratic zoom over room labels in the 3D viewer, the dashboard rendering over document mode, and properties showing twice after a provider override.

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

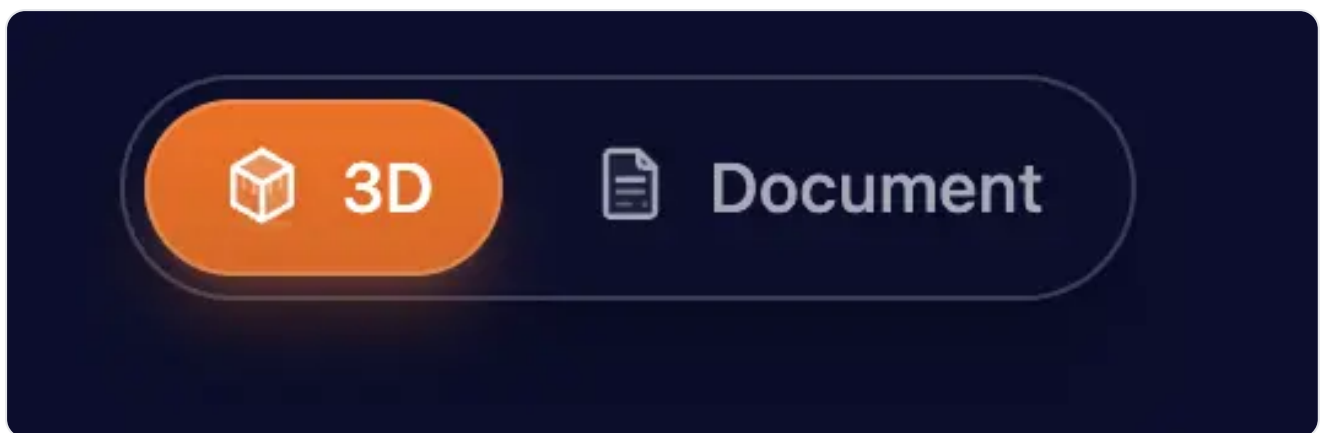
3D vs Document Mode

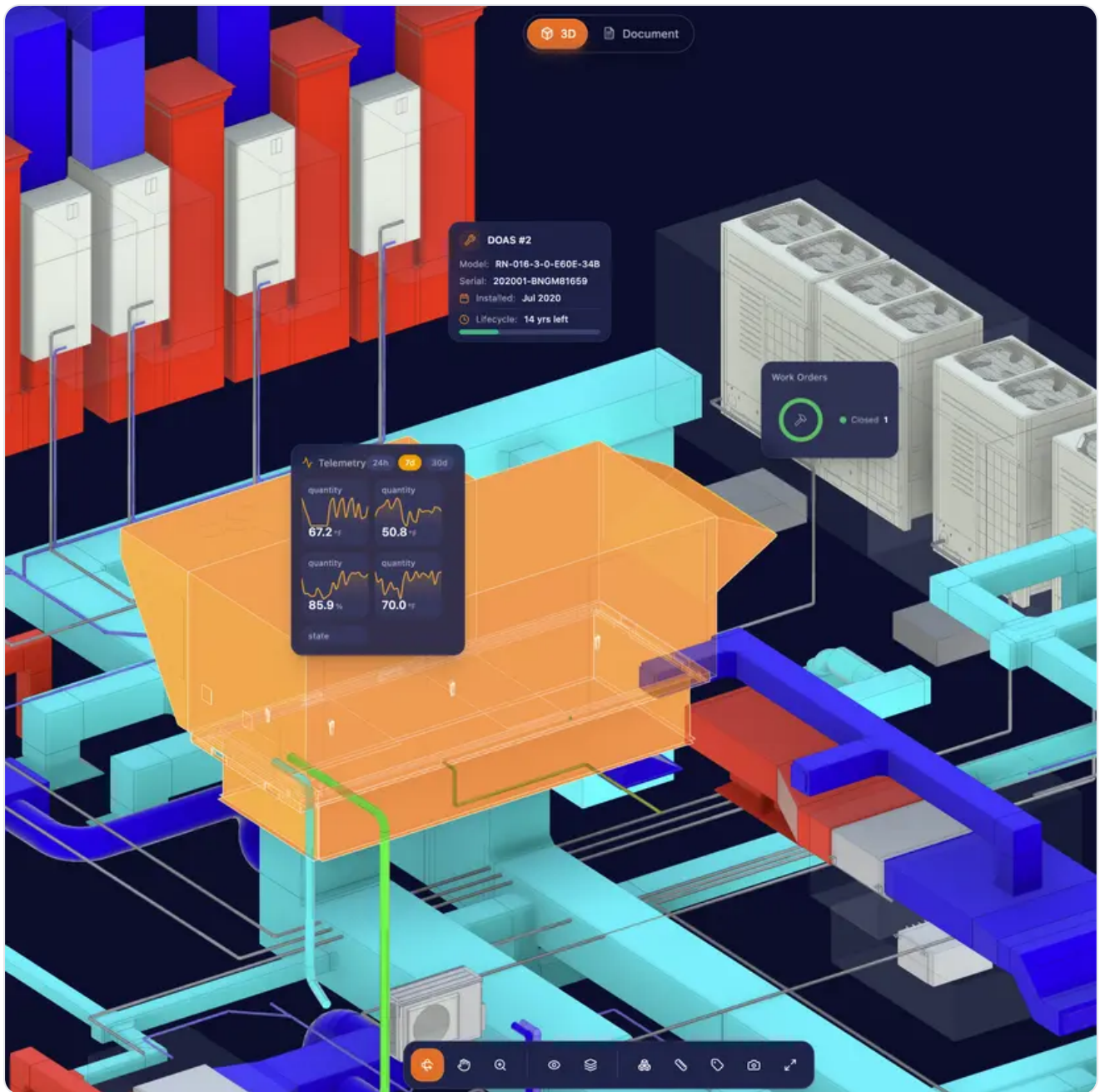
The twin detail experience now supports two distinct viewing modes.

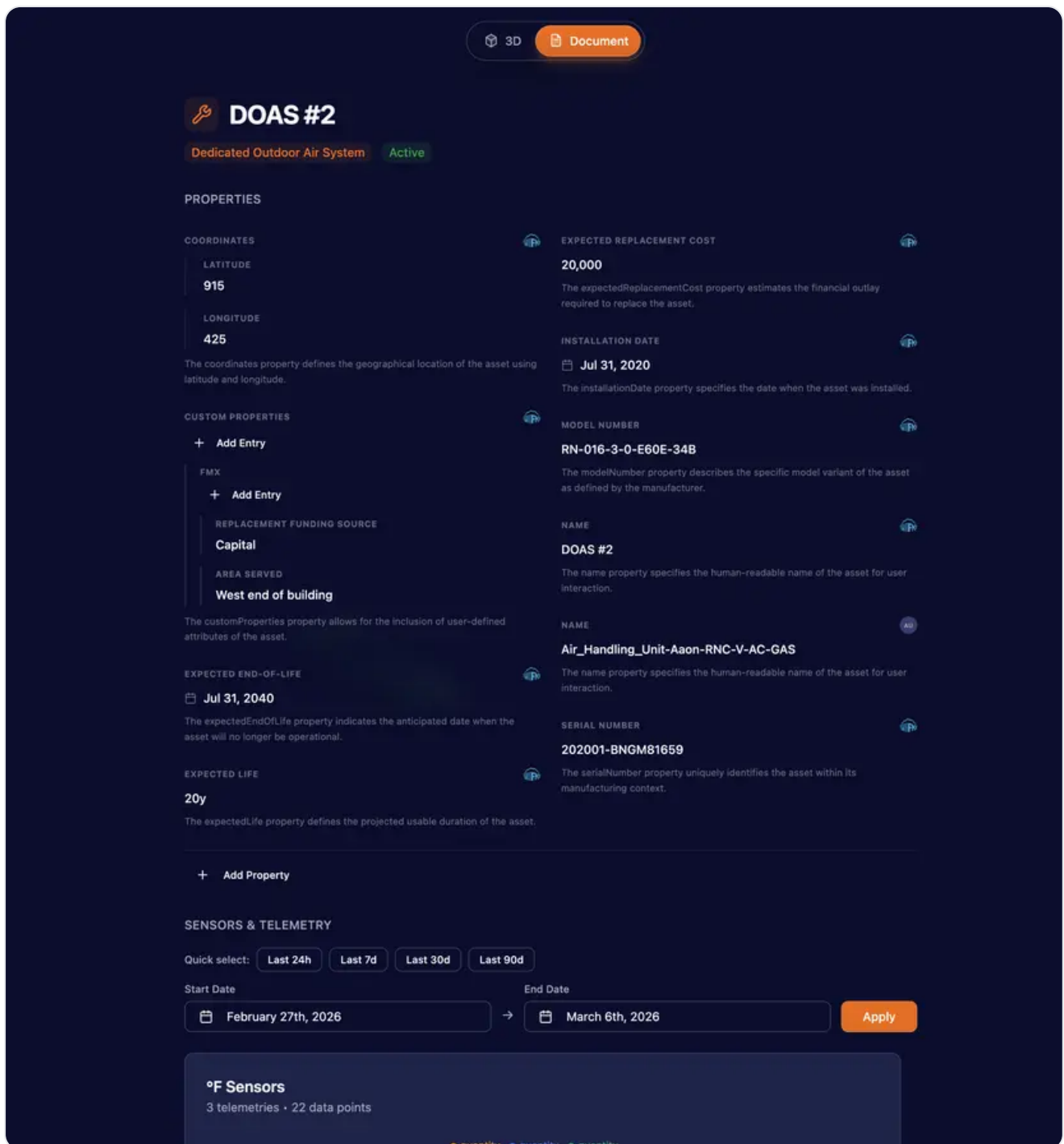
3D Mode displays the building's 3D model with interactive twin visualization, status badges, and work order clustering.

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.





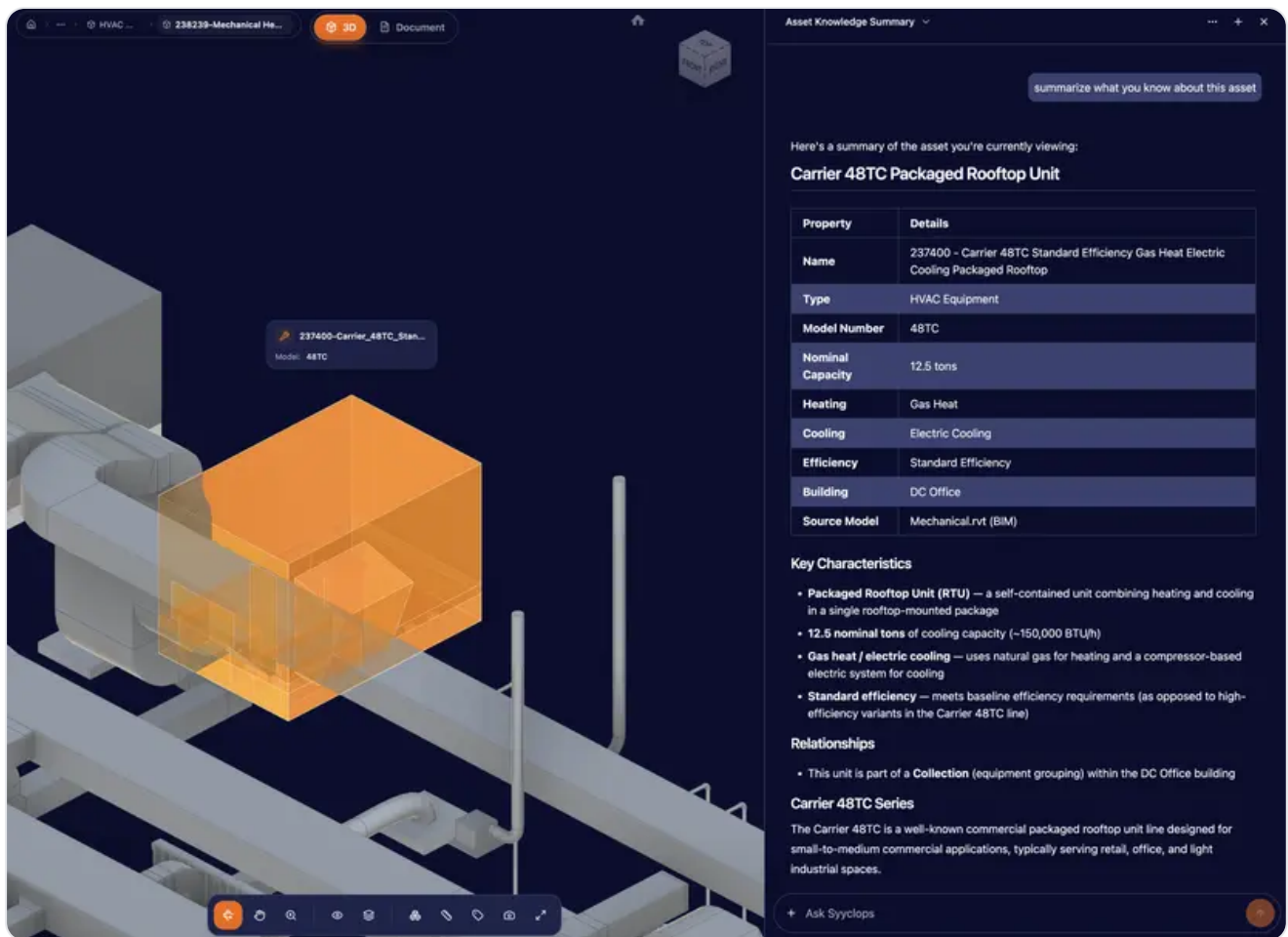


AI Assistant Context-Aware Side Panel

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

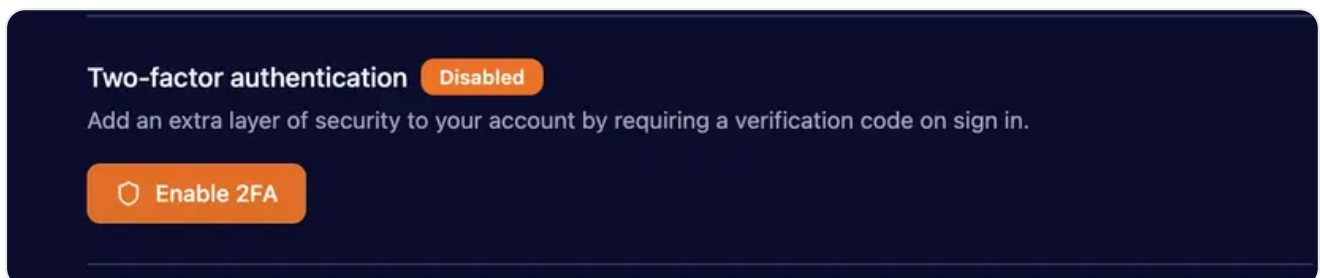
A new collections-based data organization system with custom detail pages for buildings, rooms, equipment, and work orders.

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.

3D

Document

The toilet valve is leaking water - Gender Neutral Bathroom - 110

Closed

Due Jan 6, 2026

DV

Assigned to
Dom Vo

MR

Requested by
Morena Rovira

RELATED

Location

Gender Neutral Bathroom - 110

PROPERTIES

CREATED DATETIME

Jan 5, 2026 01:35 PM

Denotes the timestamp when the event was created.

DESCRIPTION

Maintenance Request Type: The toilet valve is leaking water

Offers a textual description that provides insight into the event.

NAME

The toilet valve is leaking water - Gender Neutral Bathroom - 110

Provides the name of the event for identification purposes.

SCHEDULED END DATETIME

Jan 6, 2026 07:00 PM

The planned or scheduled completion time for the work order.

STATUS

Closed

The current status of the work order in its lifecycle.

+ Add Property

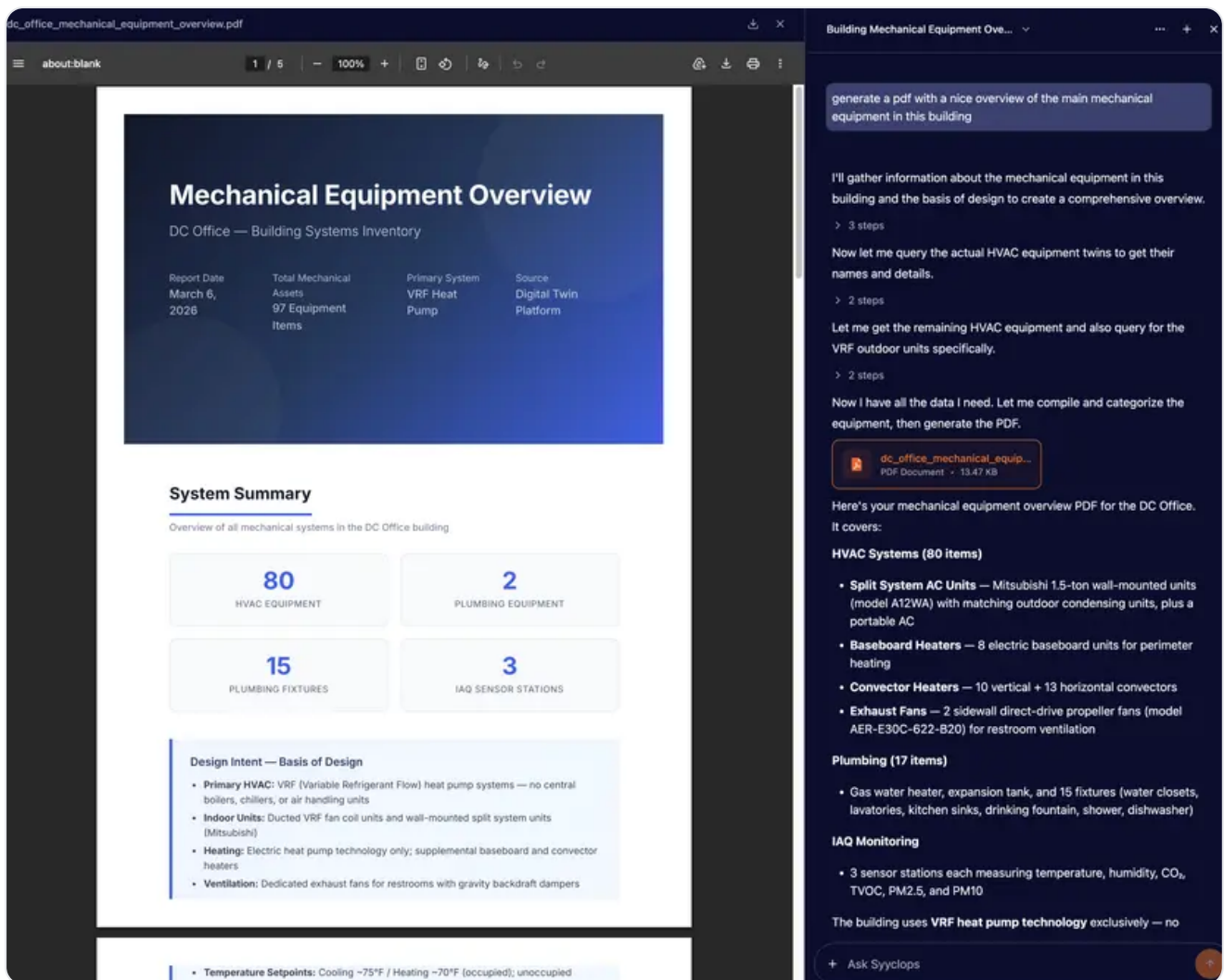
FILES

Upload

No files attached to this twin.
Upload files or drag and drop.

PDF and Excel File Generation

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



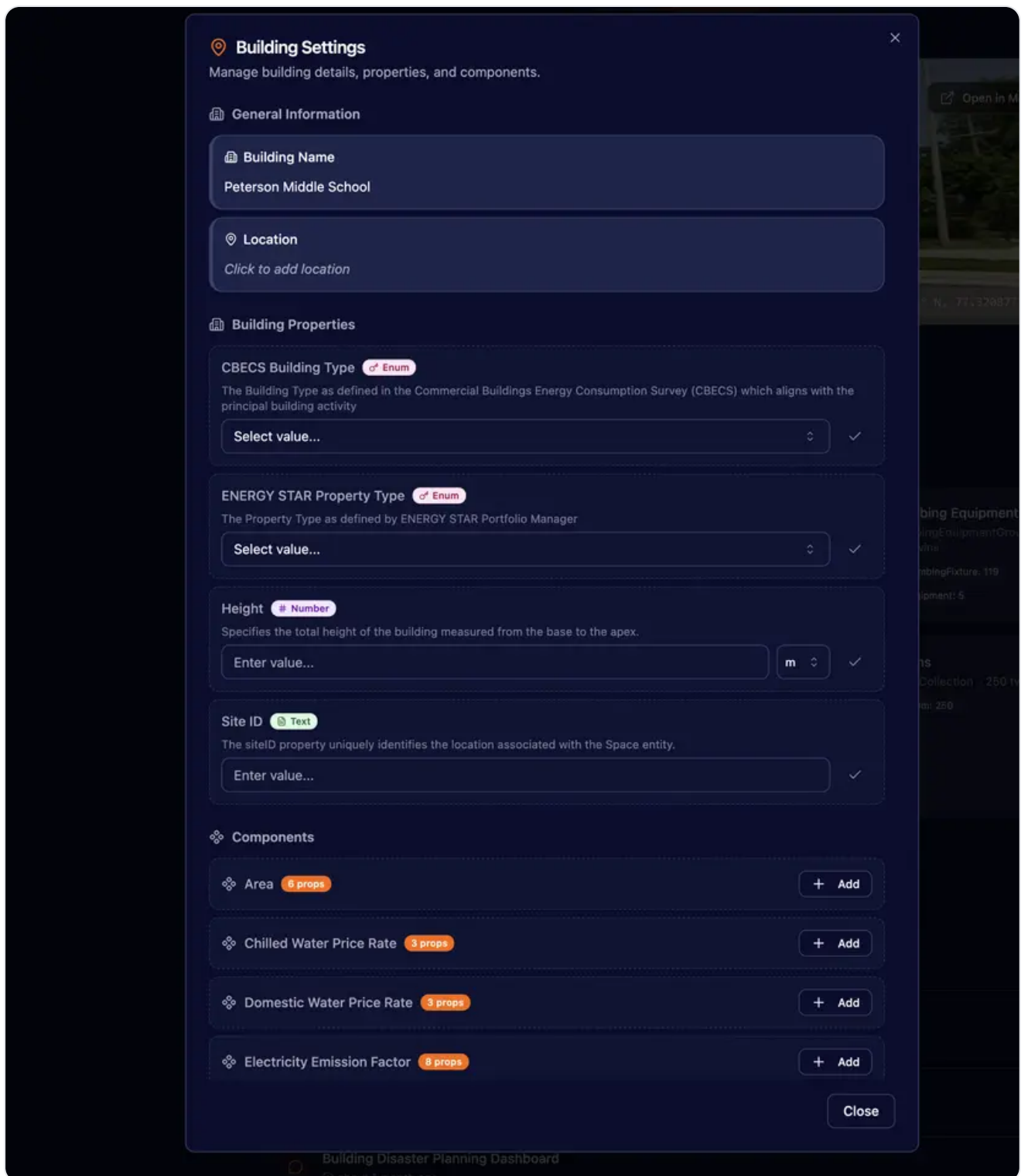
Cross-Building Shared Twins

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.

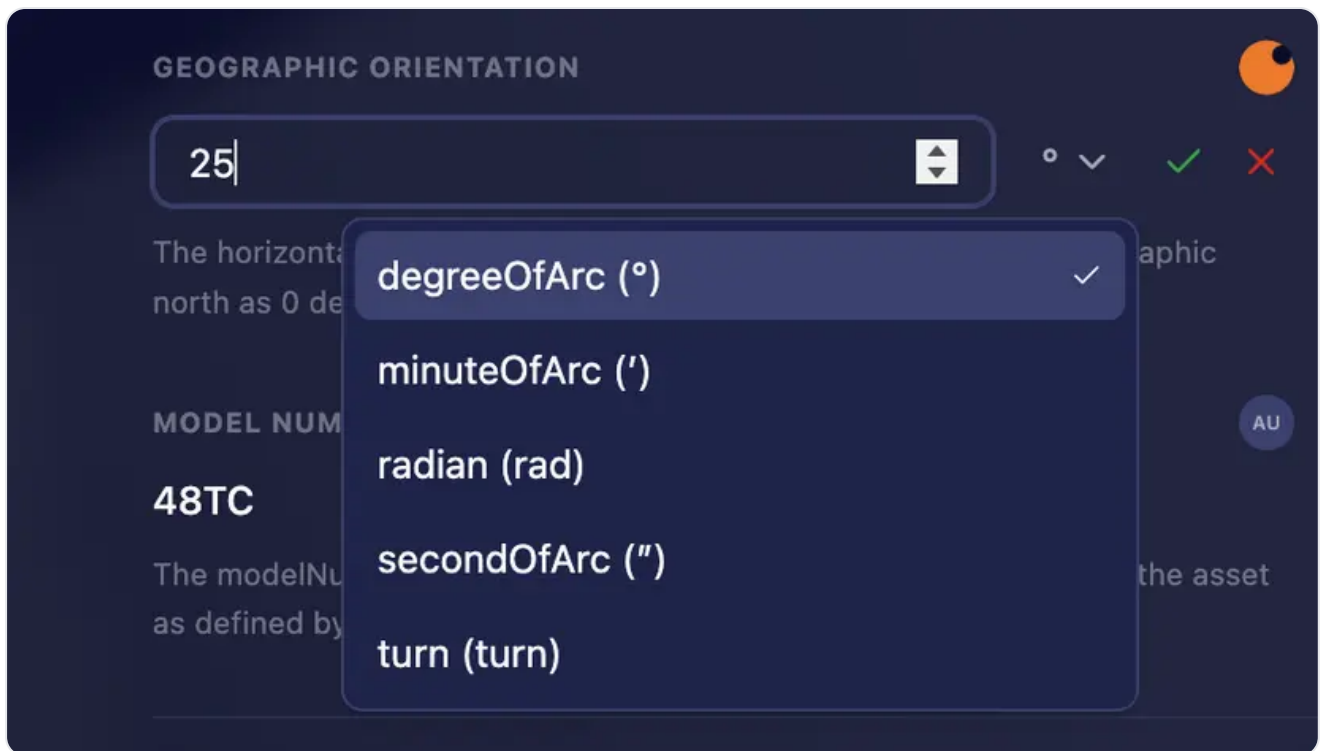


Delete Twin Properties

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

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

Print

+ Add Circuit

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						4
5		1	20	None			X	- AHU ROOM 004	25	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.



FEB 2026

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.

The screenshot shows a 'Create Task' form with the following fields and options:

- Back to Tasks** (link)
- Create Task** (header)
Set up a new automated task
- Name** (text input): e.g. Weekly report generation
- Prompt** (text area): The prompt sent to AI Engineer when this task runs...
- Instructions (optional)** (text area): Additional context provided alongside the prompt...
- Twins** (dropdown): Select twins...
- Labels** (dropdown): Select labels...
- Share with organization** (toggle): Allow all organization members to view and run this task (currently off)
- Email notification on completion** (toggle): Send an email to the organization members when the task completes (currently off)
- Create Task** (button)
- Cancel** (button)

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

Property "Description" created

AD Anthony Demattos

Value

AC Unit

just now

Oct 10, 2025

+

Twin Created

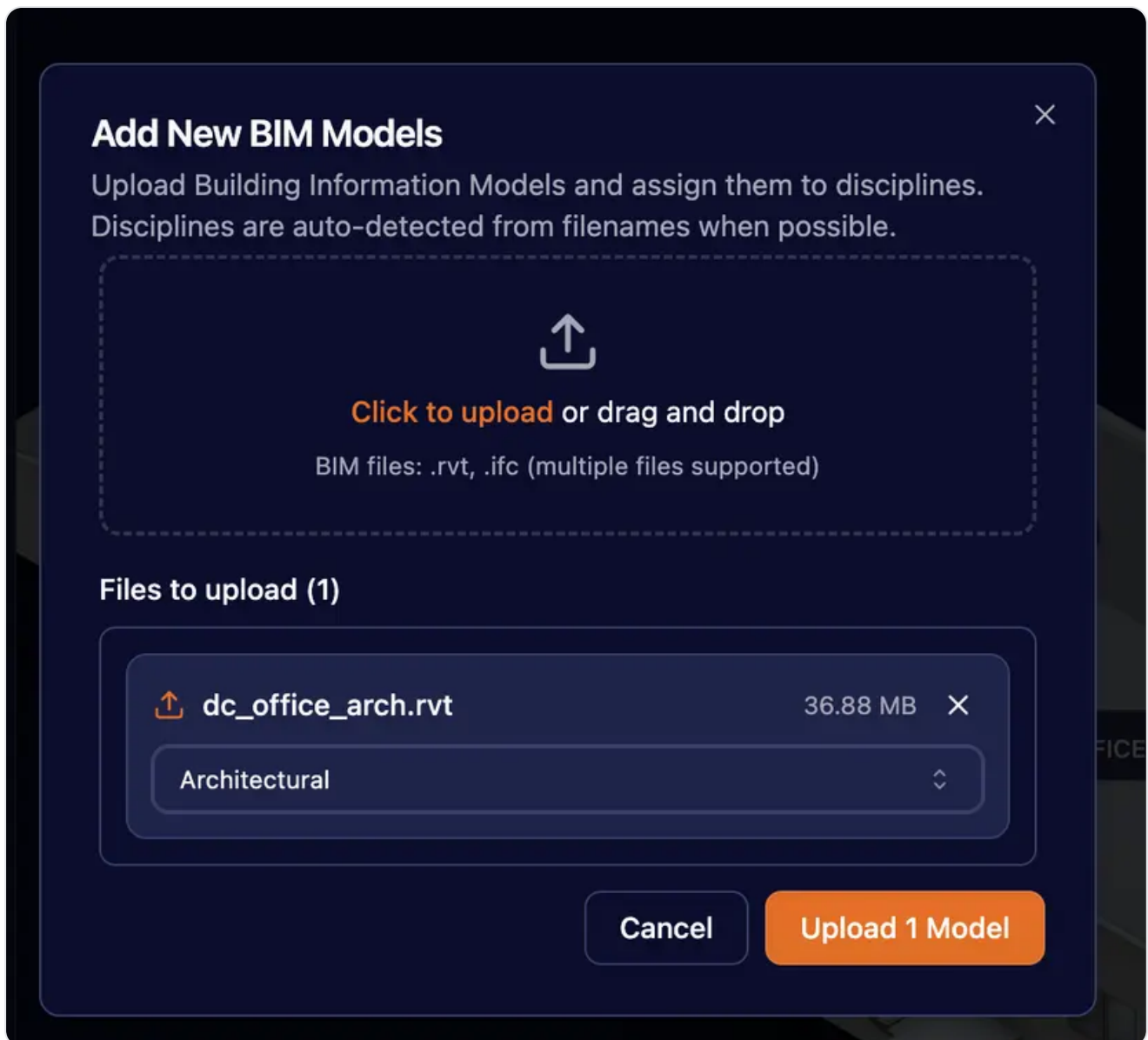
Twin created

System

Oct 10, 2025

Multi-BIM Upload

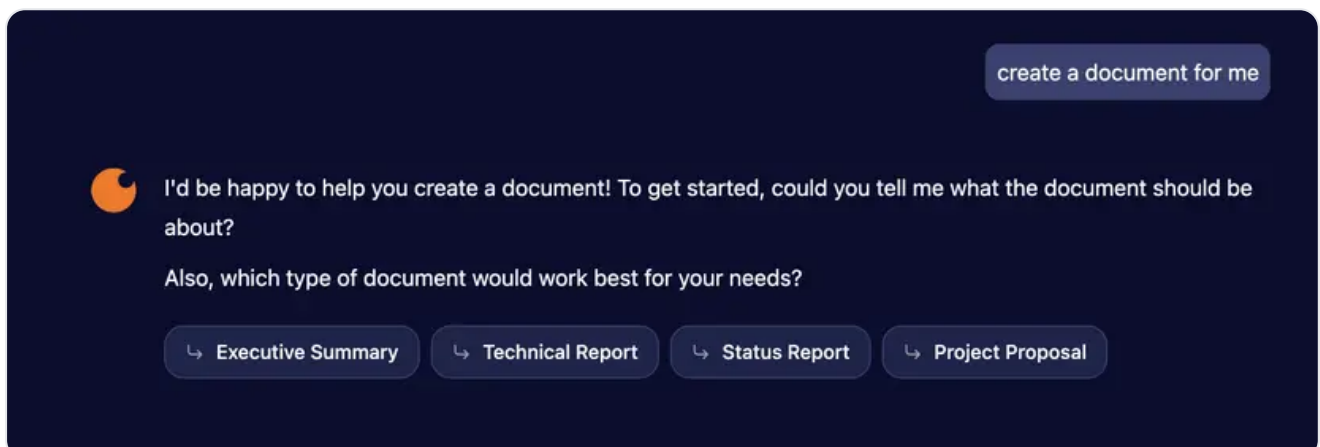
Upload multiple BIM design models simultaneously with automatic discipline recognition via pattern matching.



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

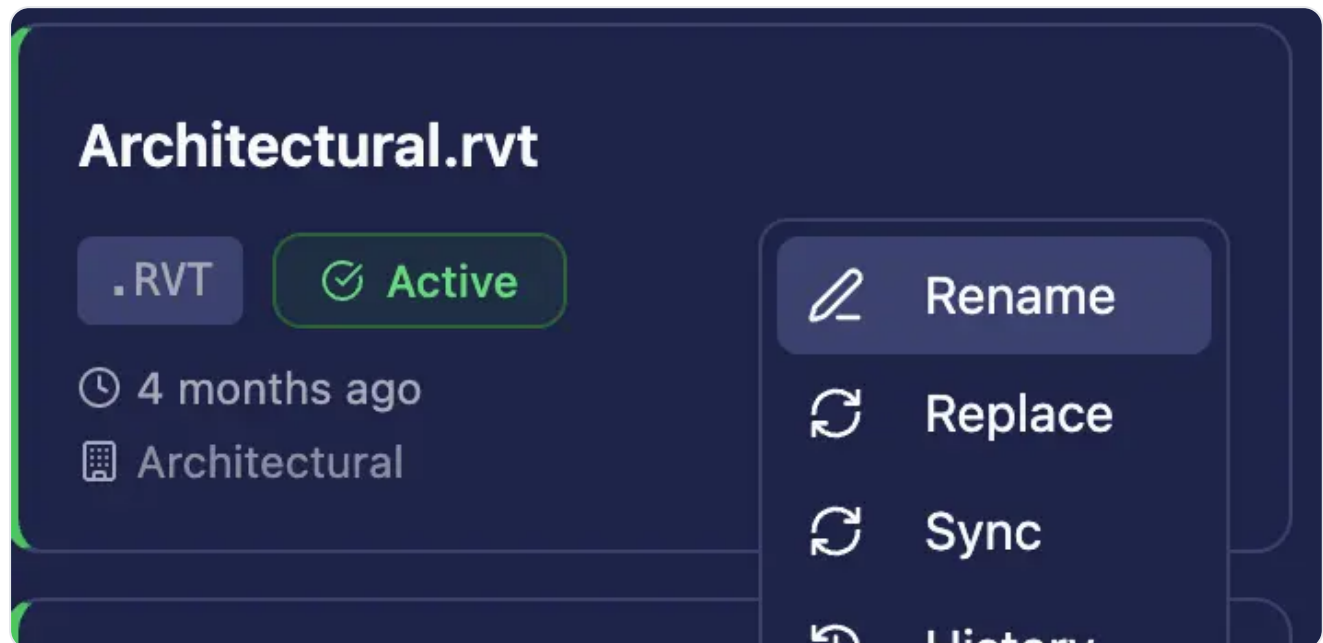
Property fields now auto-save on blur, with Enter to save and Escape to cancel.

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

Design Model Sync

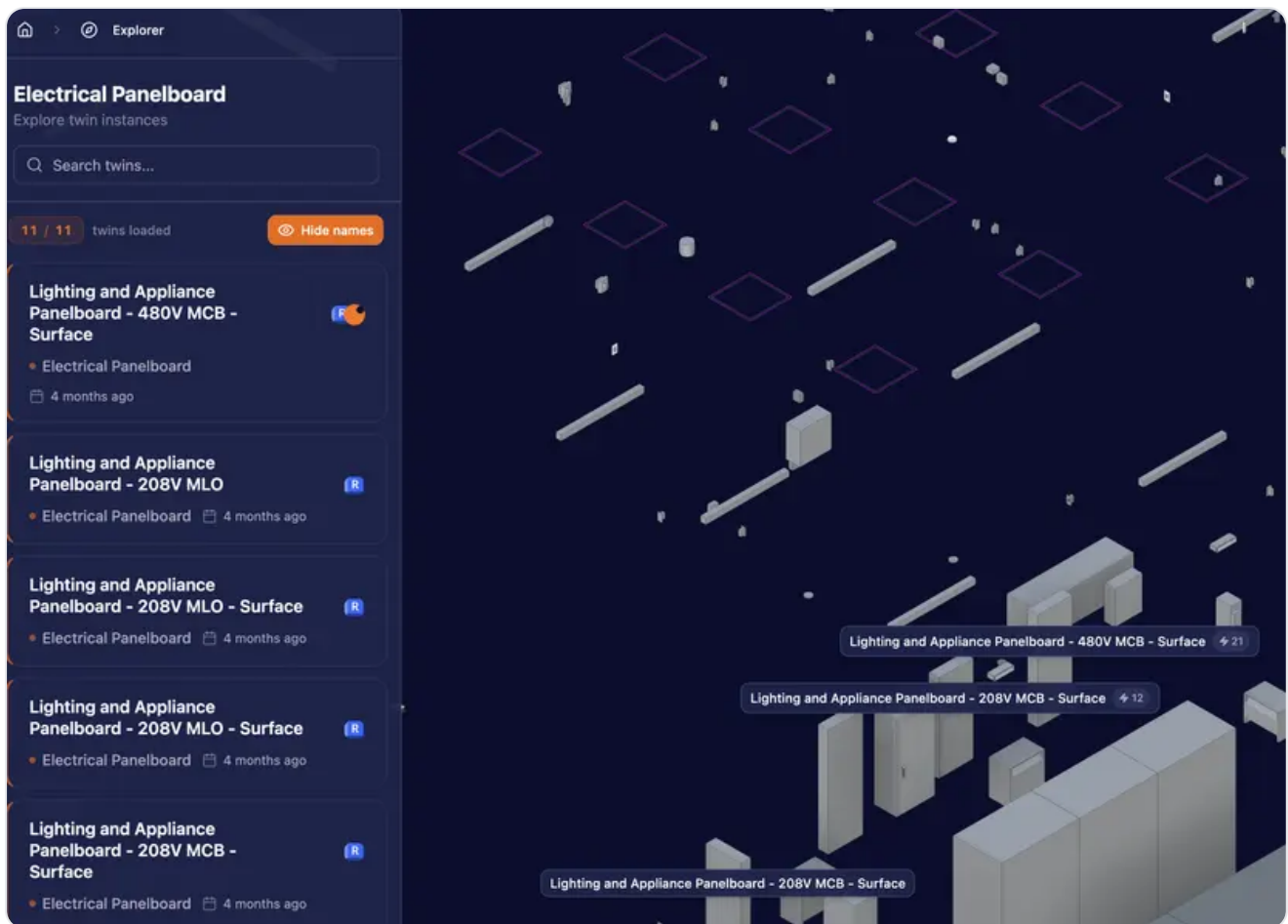
Sync individual Autodesk design models without a full re-upload.

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

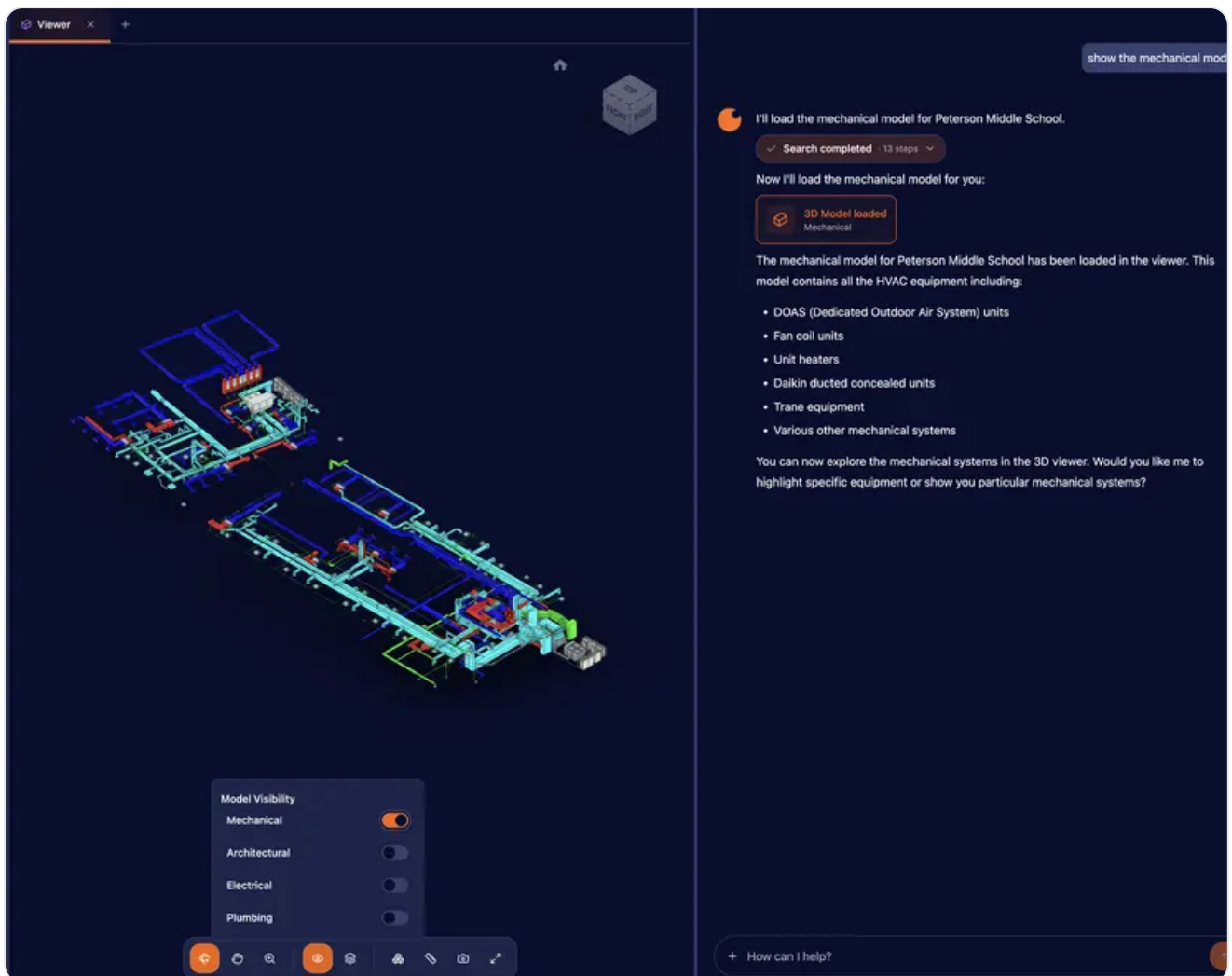
JAN 2026

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.

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-348

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.

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.

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.

Supply Air Setpoint

70

Supply Air Temperature

70.60

Outdoor Air Humidity

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

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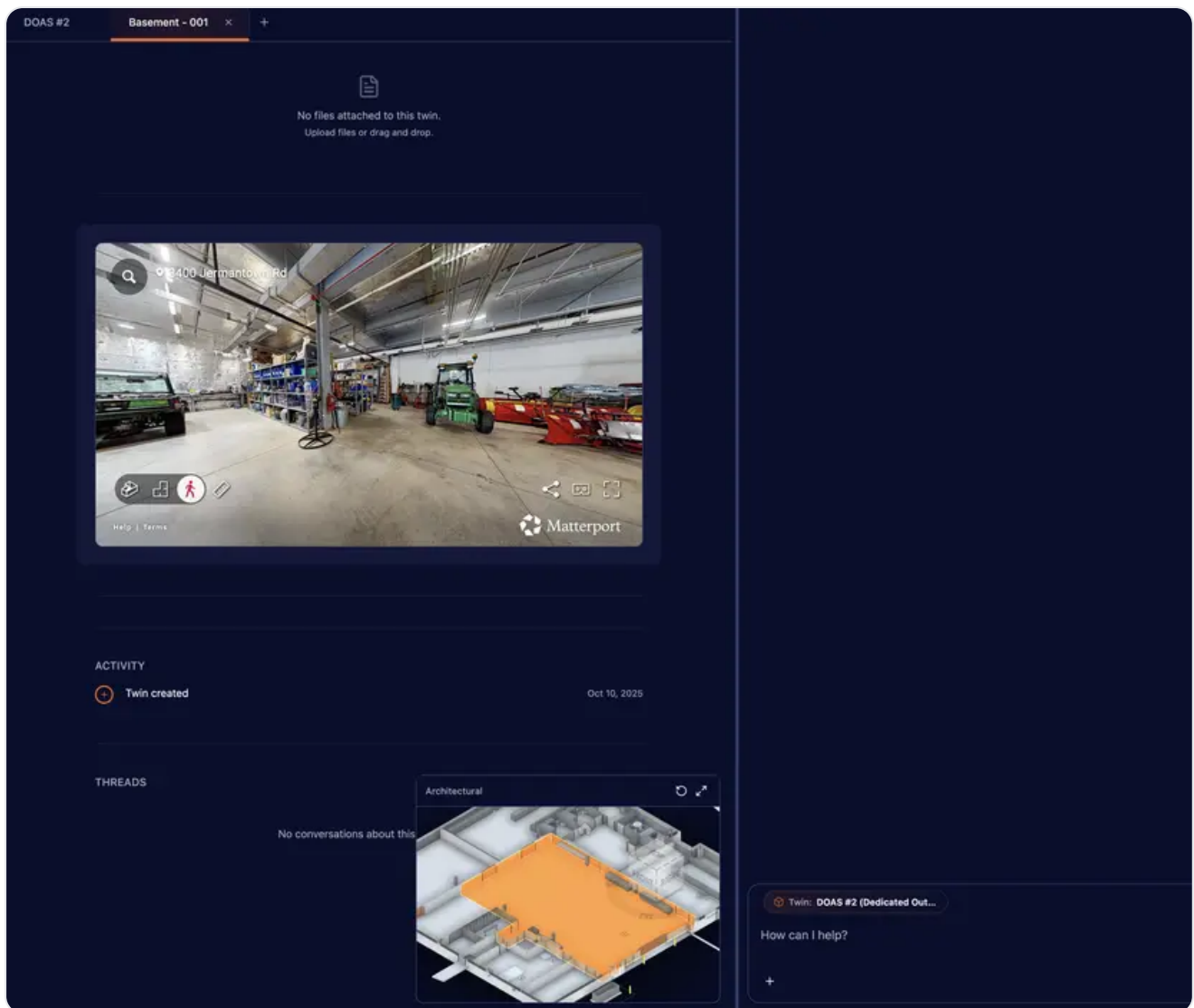
Outdoor Air Humidity

27.40

Mechanical

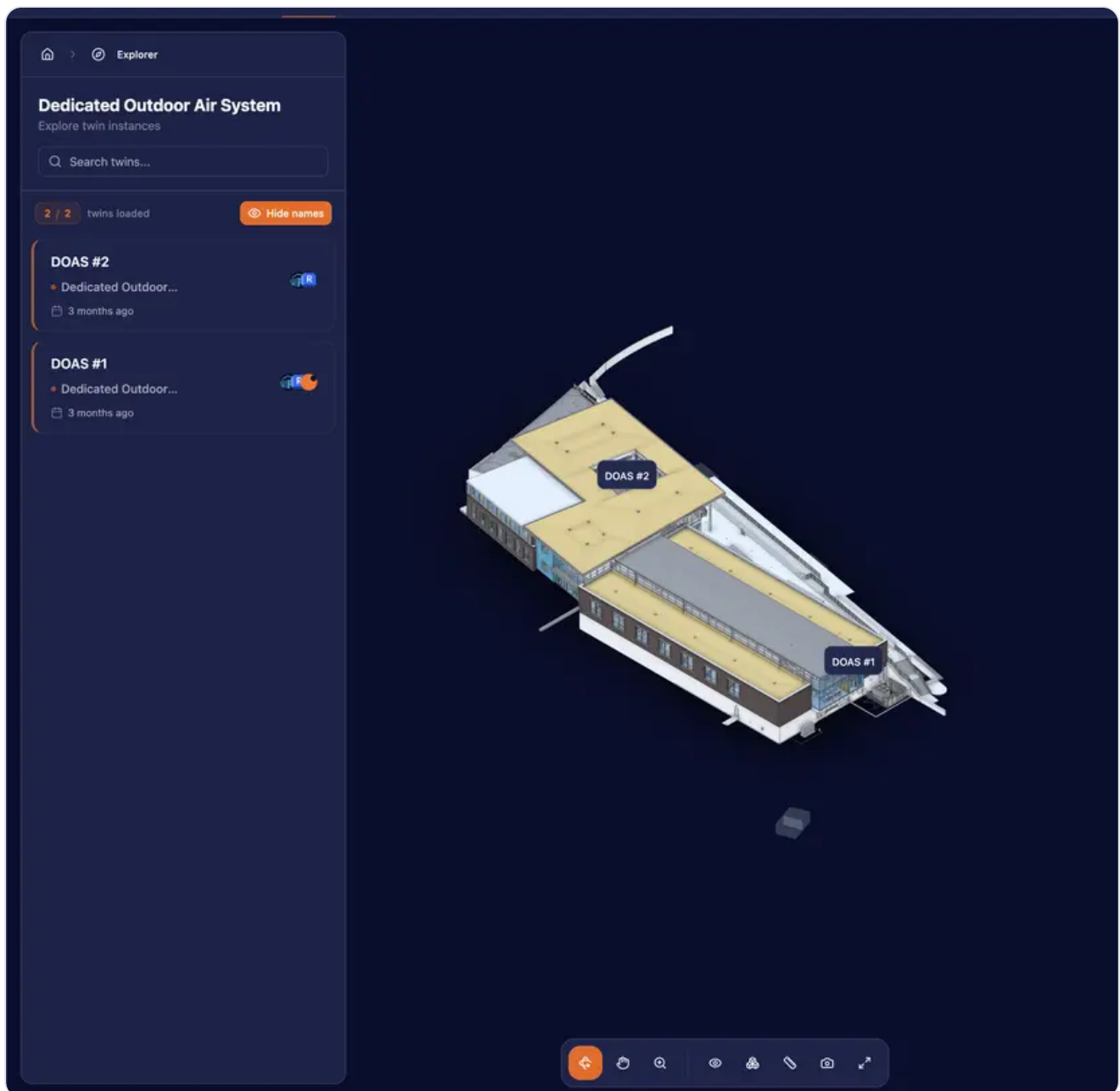
Twin: DOAS #2 (Dedicated Out...

How can I help?



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

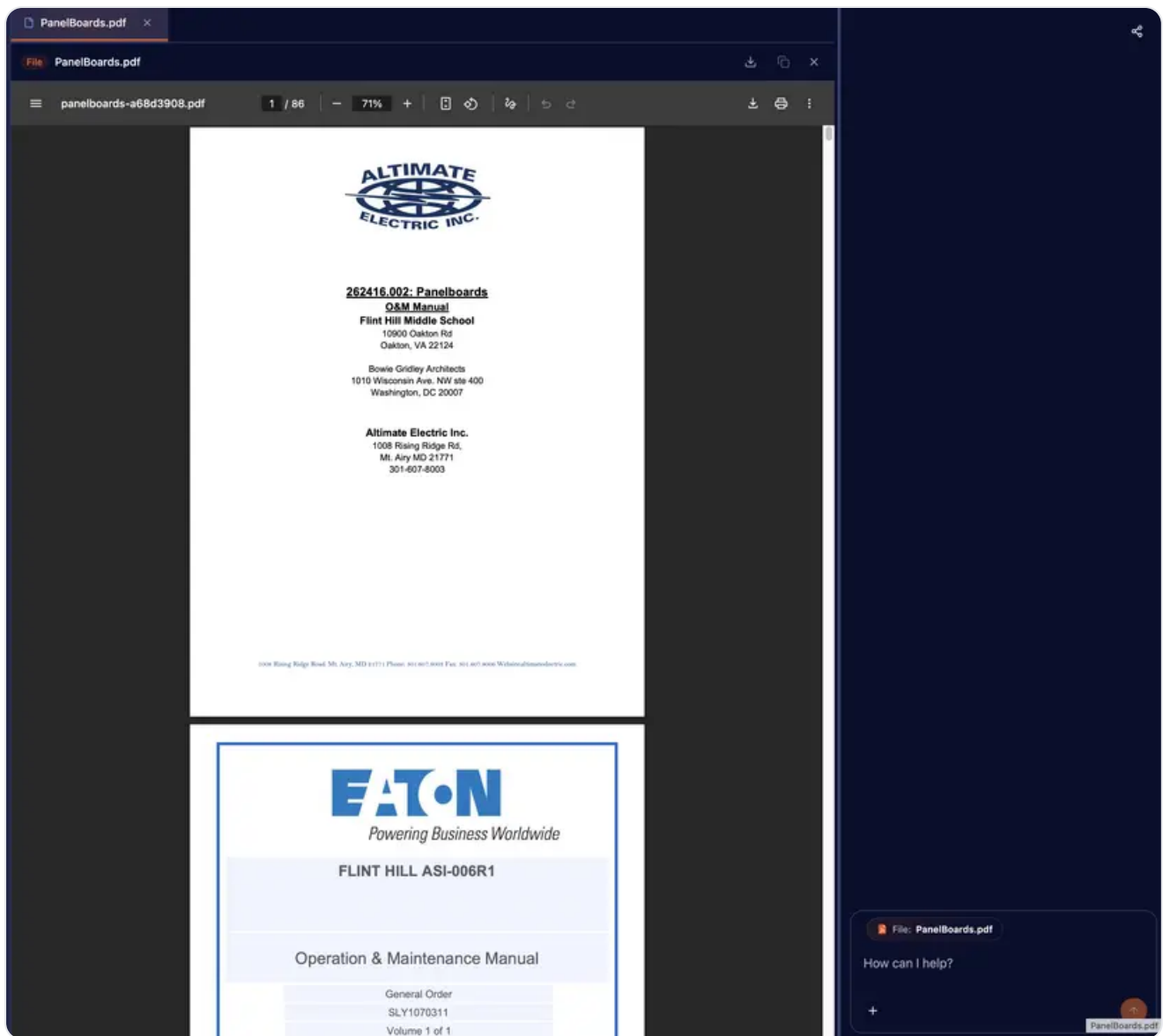
Global Search

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.

Peterson Middle School

Overview

Explorer

Files

Design Models

Manage Twins

Settings

Manage your data

Select an object type to manage

Twins

Telemetry

8,436 total twins | 44 types

Search object types or twins...

Access Panel3

Air Diffuser153

Air Temperature Sensor2

Architectural Building Component2

Asset371

BACnet Controller61

Binary Actuator5

Binary Sensor422

Binary Setpoint150

Calendar Event877

Ceiling4

Chair70

Company80

Dedicated Outdoor Air System2

Department3

Drain2

Electrical Equipment242

Set Data Source

Share

Refresh

Search

Eye

Group

Link

Image

Share

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

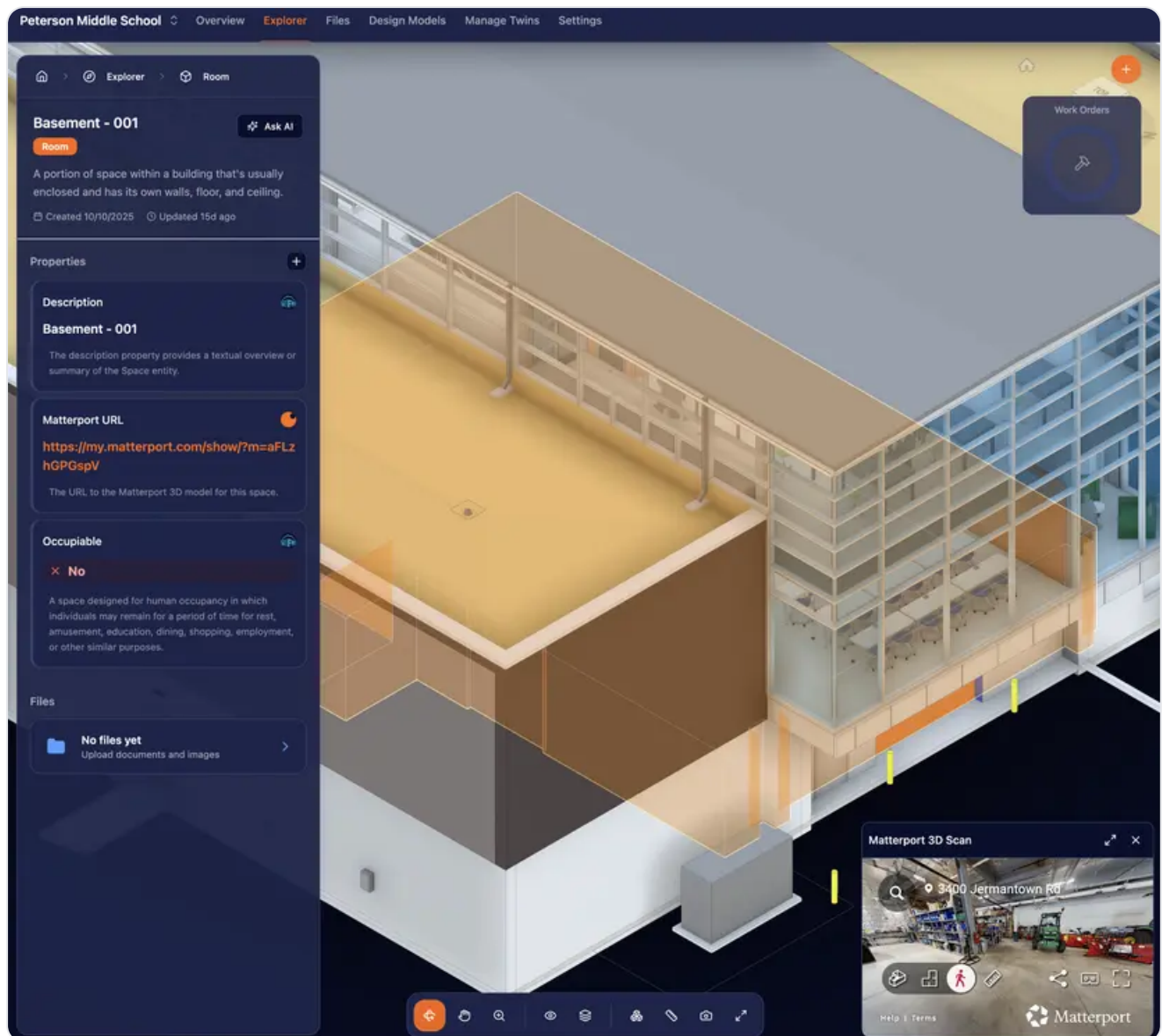
Or select manually

Select target type



Matterport Viewer

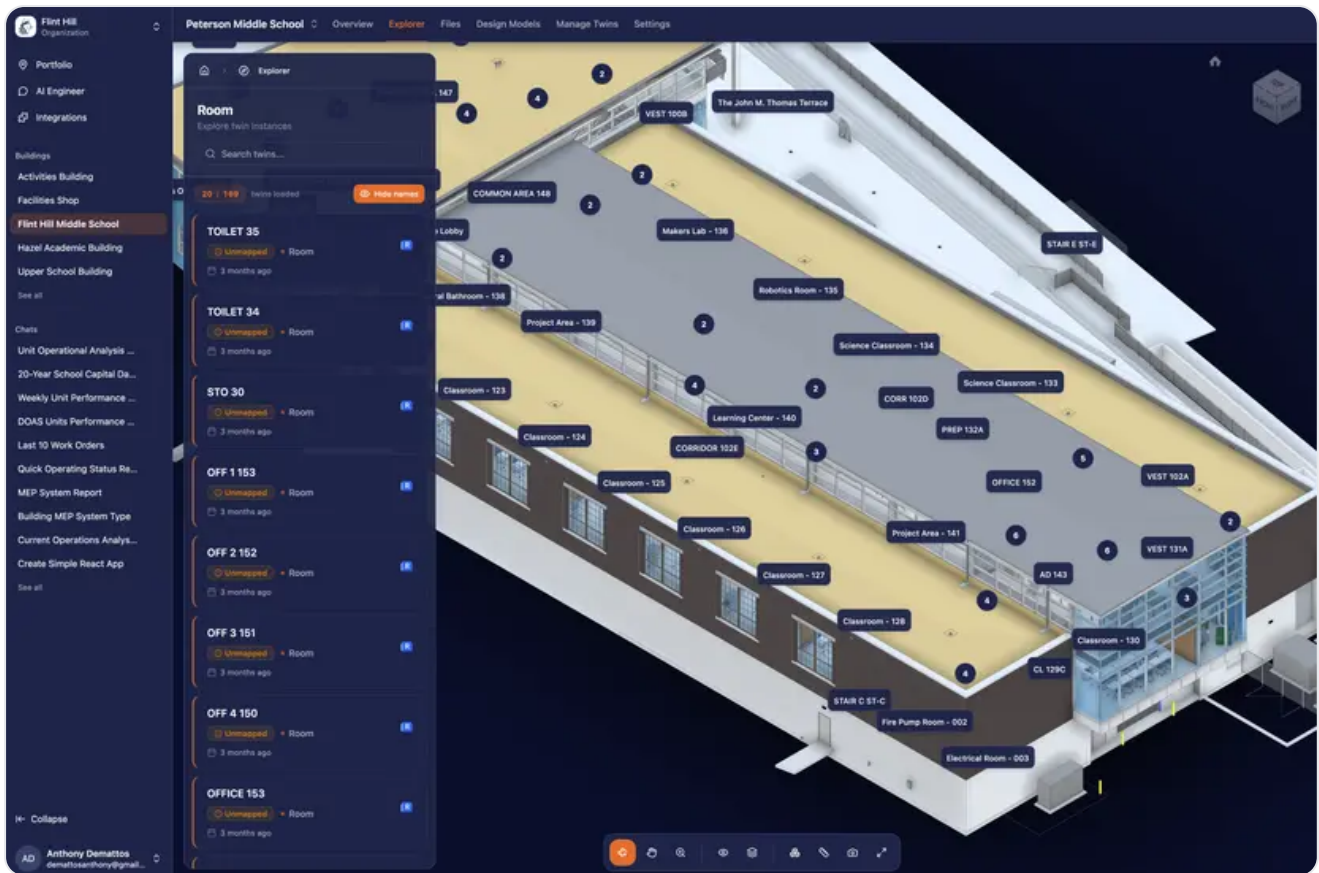
Embedded Matterport viewer appears after clicking a Matterport URL property on a space. Provides immersive 3D context alongside the digital twin interface.



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.

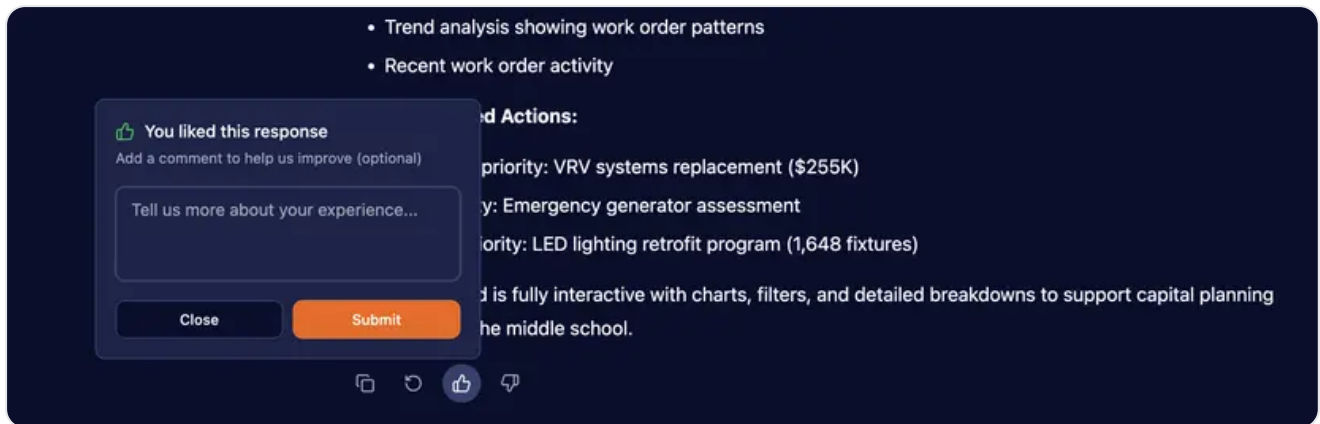
DEC 2025

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

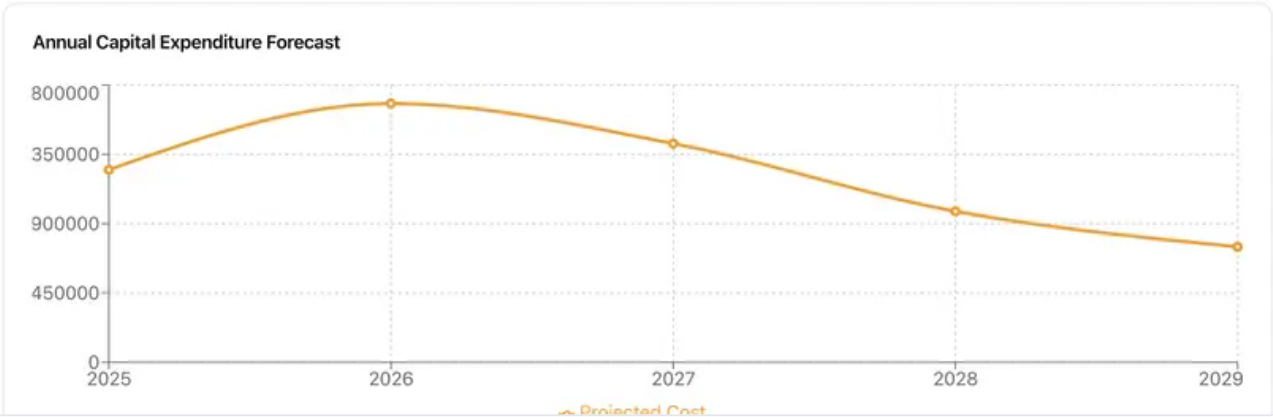
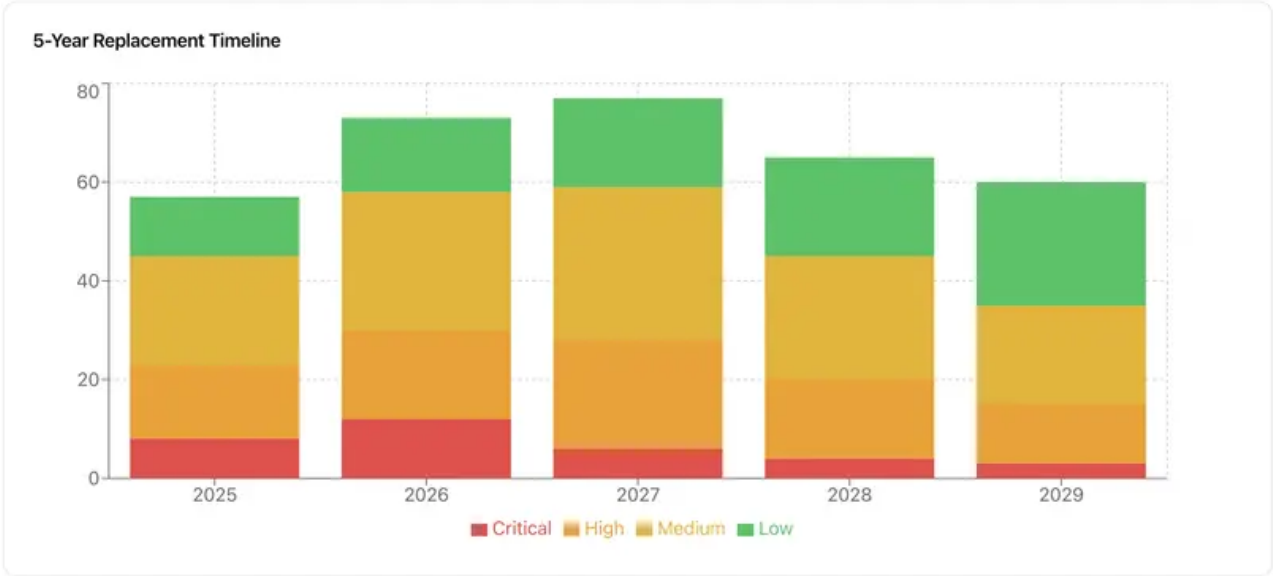
\$5.69M

5-Year Capital Budget

57

Items Needing Replacement

Overview Replacement Timeline Equipment Details Work Orders



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.

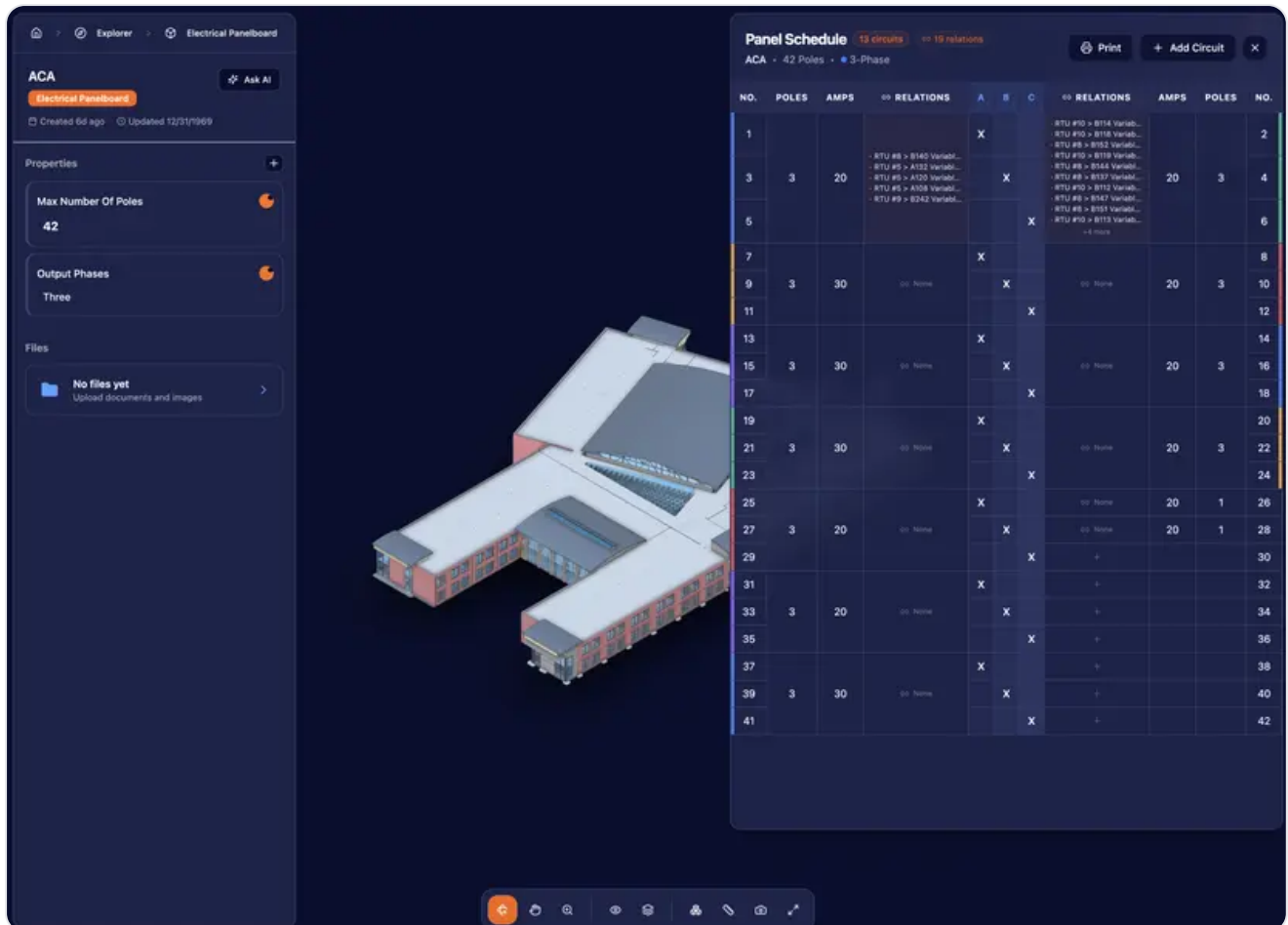
This gives the AI Engineer much more precise control when retrieving graph context, resulting in faster queries and cleaner reasoning.

NOV 2025

Electrical Panels, Building Context in AI Chat & Member Invites

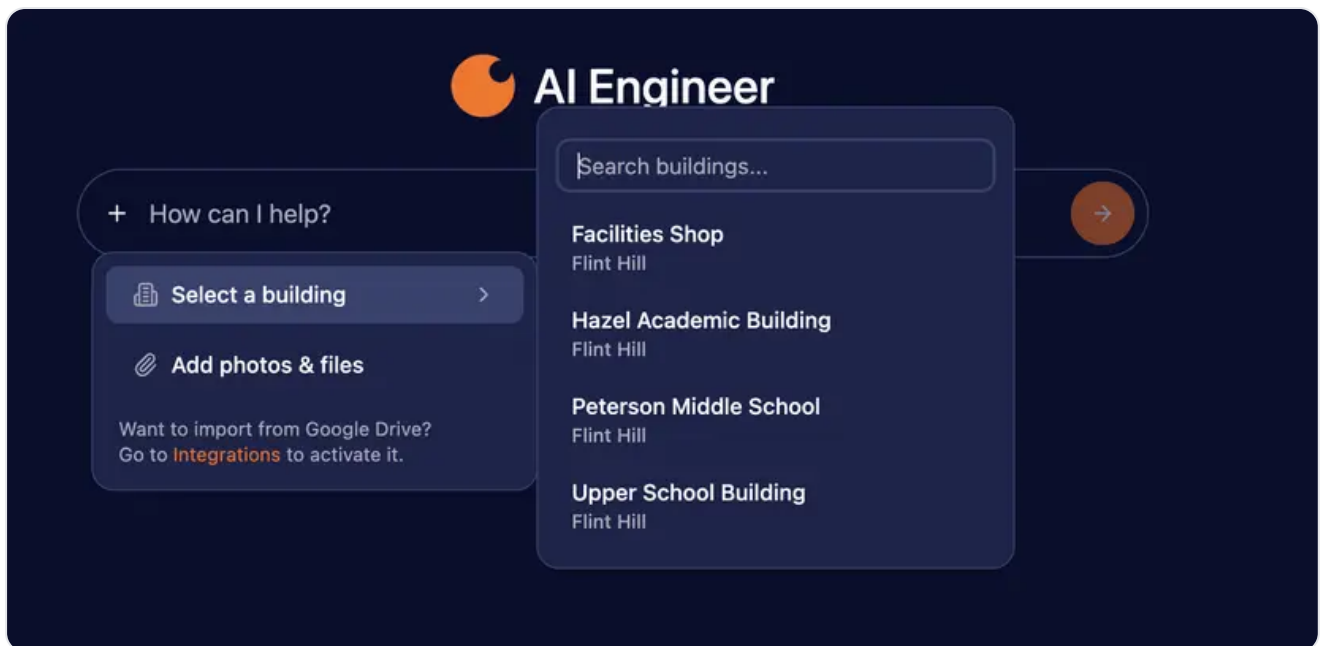
Electrical Panelboard Page

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.

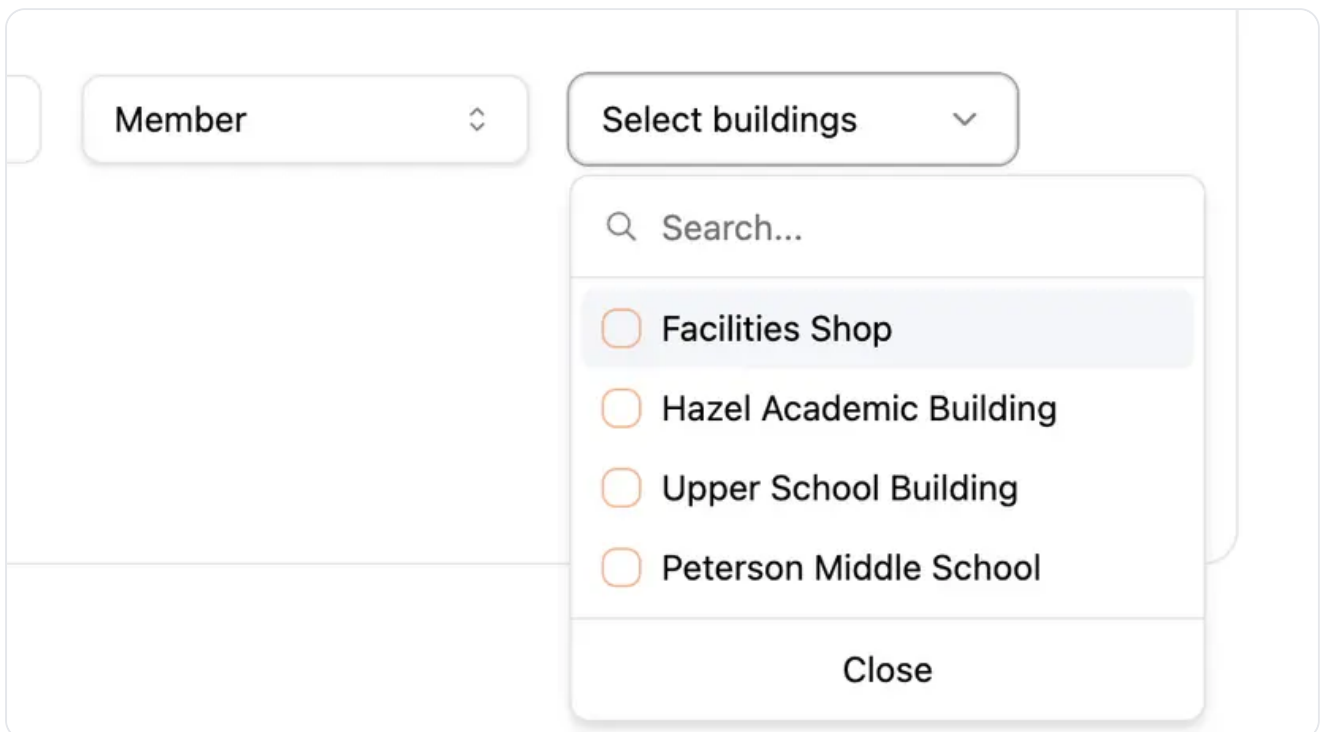


External URL Property for Spaces

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

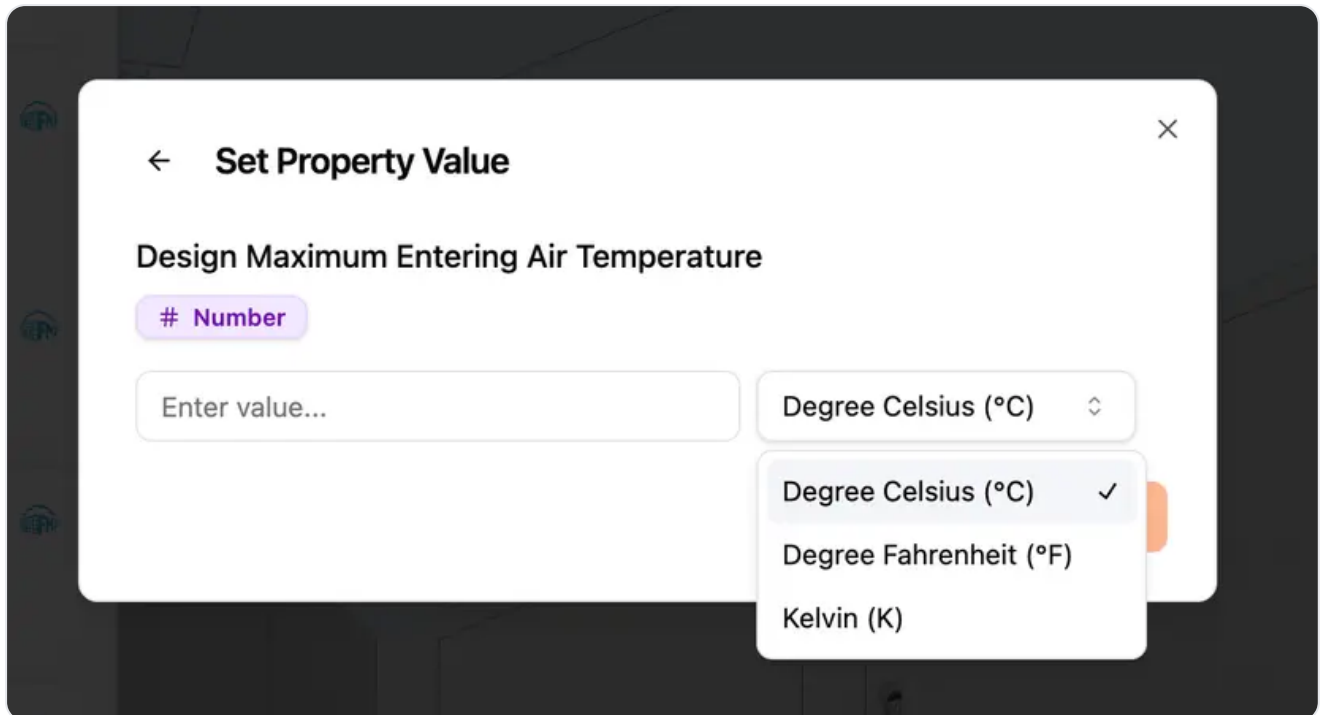
Removed the AI model selector from the chat interface. The platform now automatically uses the optimal model for each request.

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

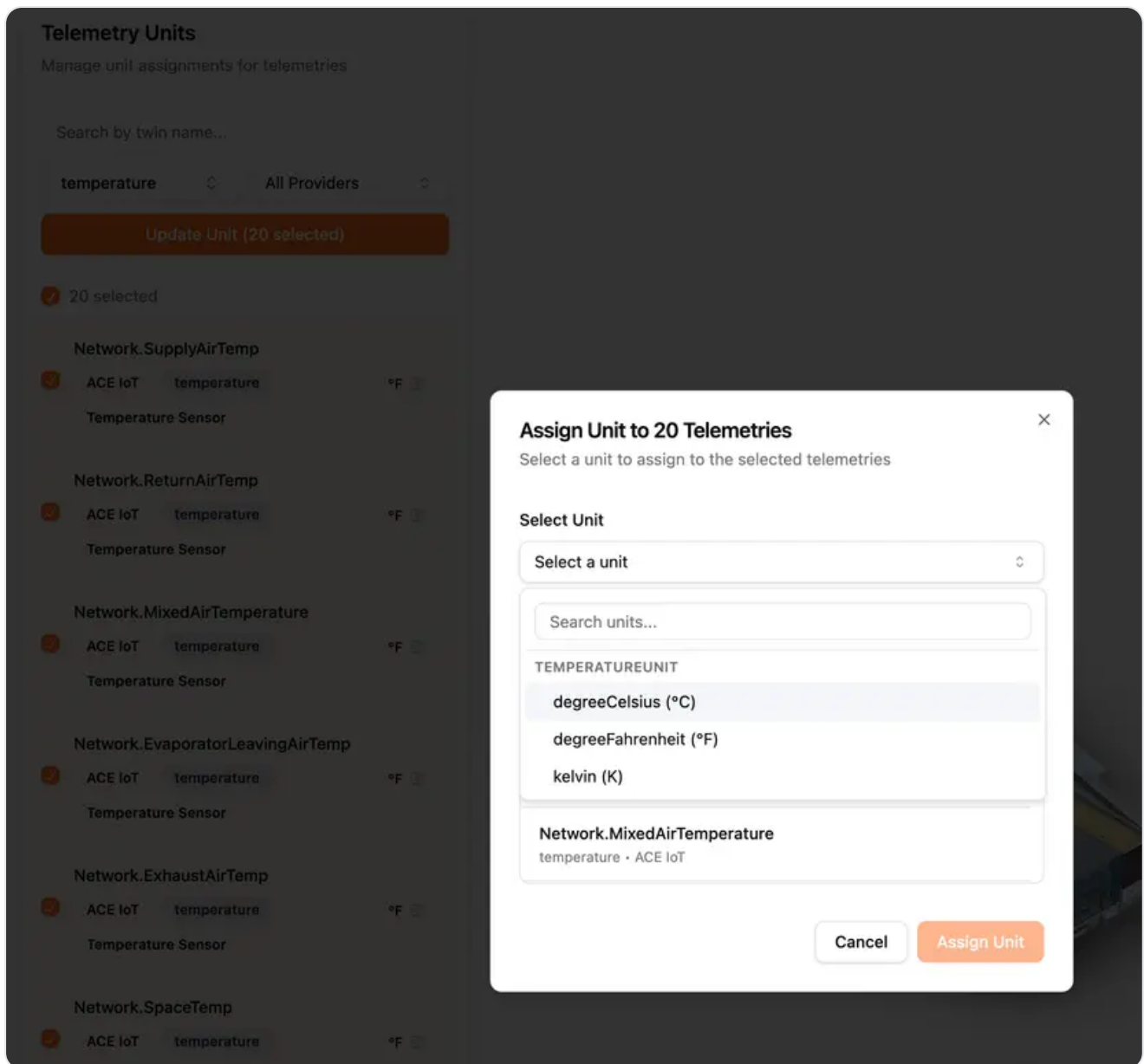
Equipment Overview

- **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.syycclops.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)

OCT 2025

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

Manually Add Properties to Twins

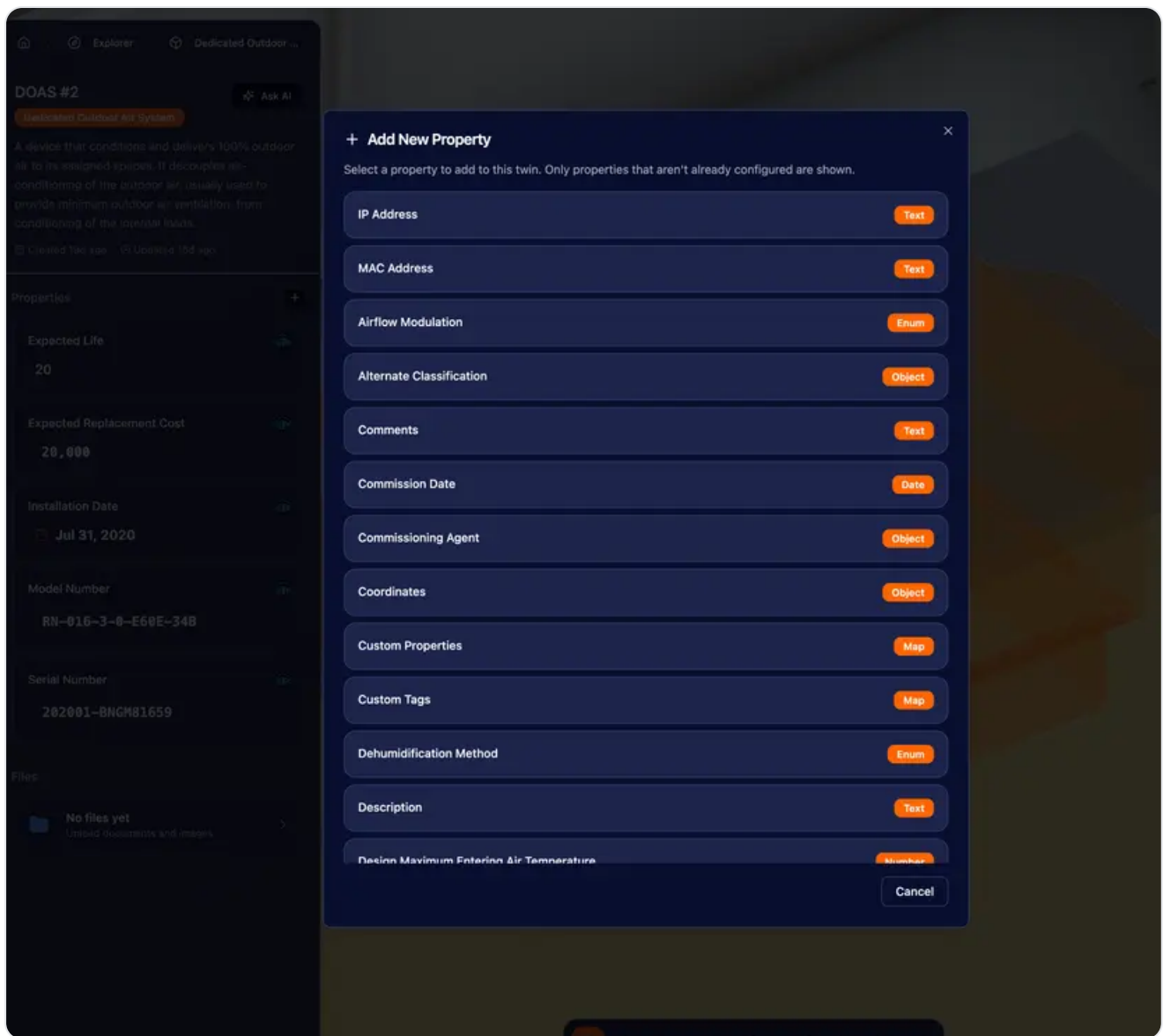
You can now create and edit properties on twins directly inside Syyclops. Until now, properties were primarily sourced from external systems or BIM imports. With this update, you can **capture new information in the platform itself**.

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

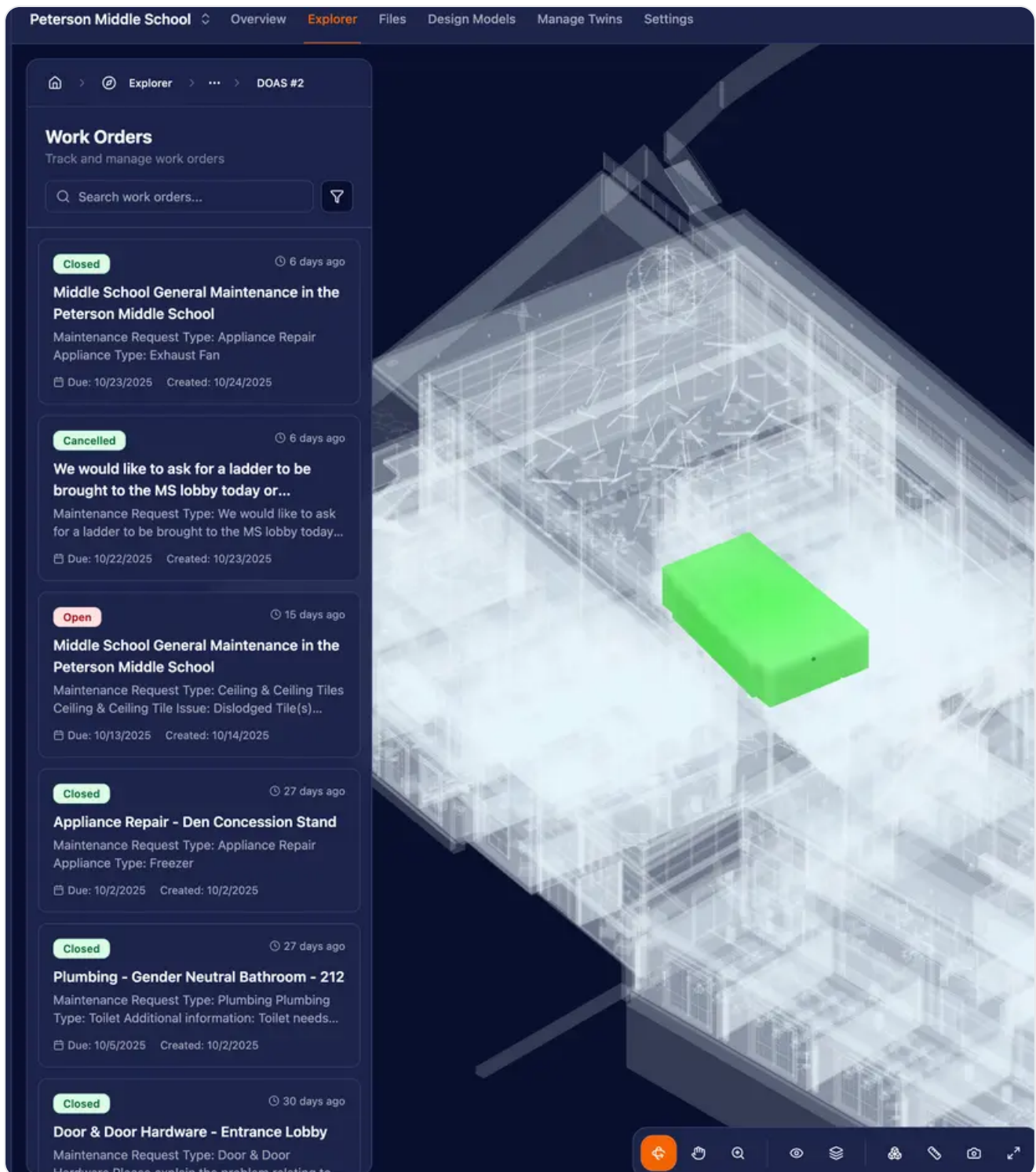
Work orders now have a **full dedicated view** that makes them easier to review, prioritize, and act on.

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**



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.
