

Twinview®

Gemini Call Twinning the Built Environment Across RIBA Stages

Digital Twin Hub– Jan 24th 2023.
Presented by Adam Ward, CTO

Twinview®

SPACE

Twinview®

BIMTechnologies

bimstore

Maturity Spectrum

Maturity Element (4)

Two-way data integration & interaction.

Remote & immersive operations.

Control the physical from the digital.

* Whitepaper: “Digital twins for the built environment”

** theiet.org/built-environment

Gemini Principles

Purpose

Measure and take action towards operational, commercial and ESG goals.

Trust

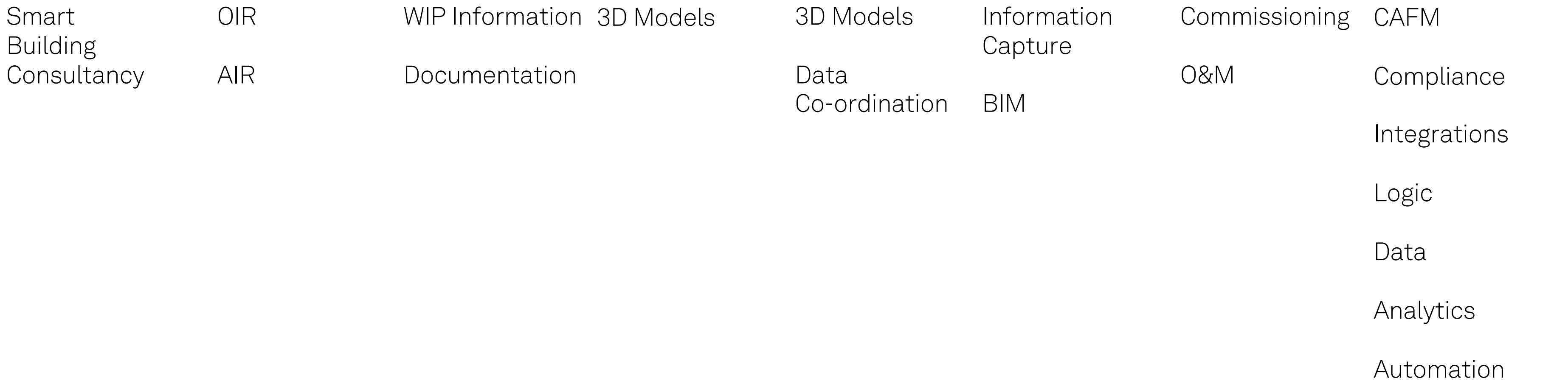
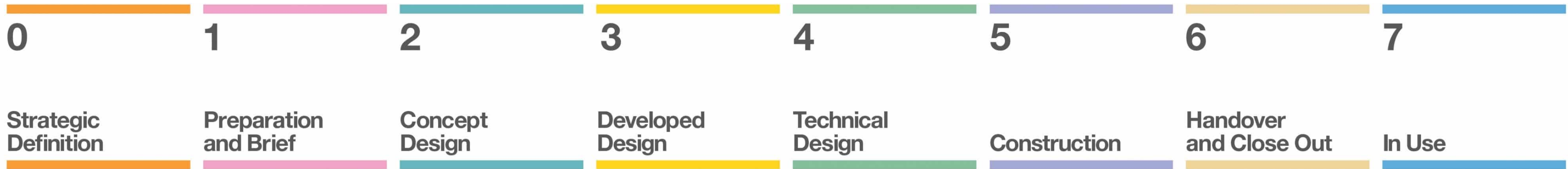
A secure, interoperable, platform built around industry standards. (COBie)

Function

An API-first solution under continuous research and product development.

* Centre for Digital Built Britain

** <https://www.cdbb.cam.ac.uk/system/files/documents/TheGeminiPrinciples.pdf>





We are now an
Accredited Solution
by **WiredScore**

An abstract graphic consisting of several overlapping, wavy, ribbon-like shapes in shades of purple and blue. The shapes are positioned vertically, creating a sense of movement and depth. They have a semi-transparent quality, allowing the colors to blend where they overlap.

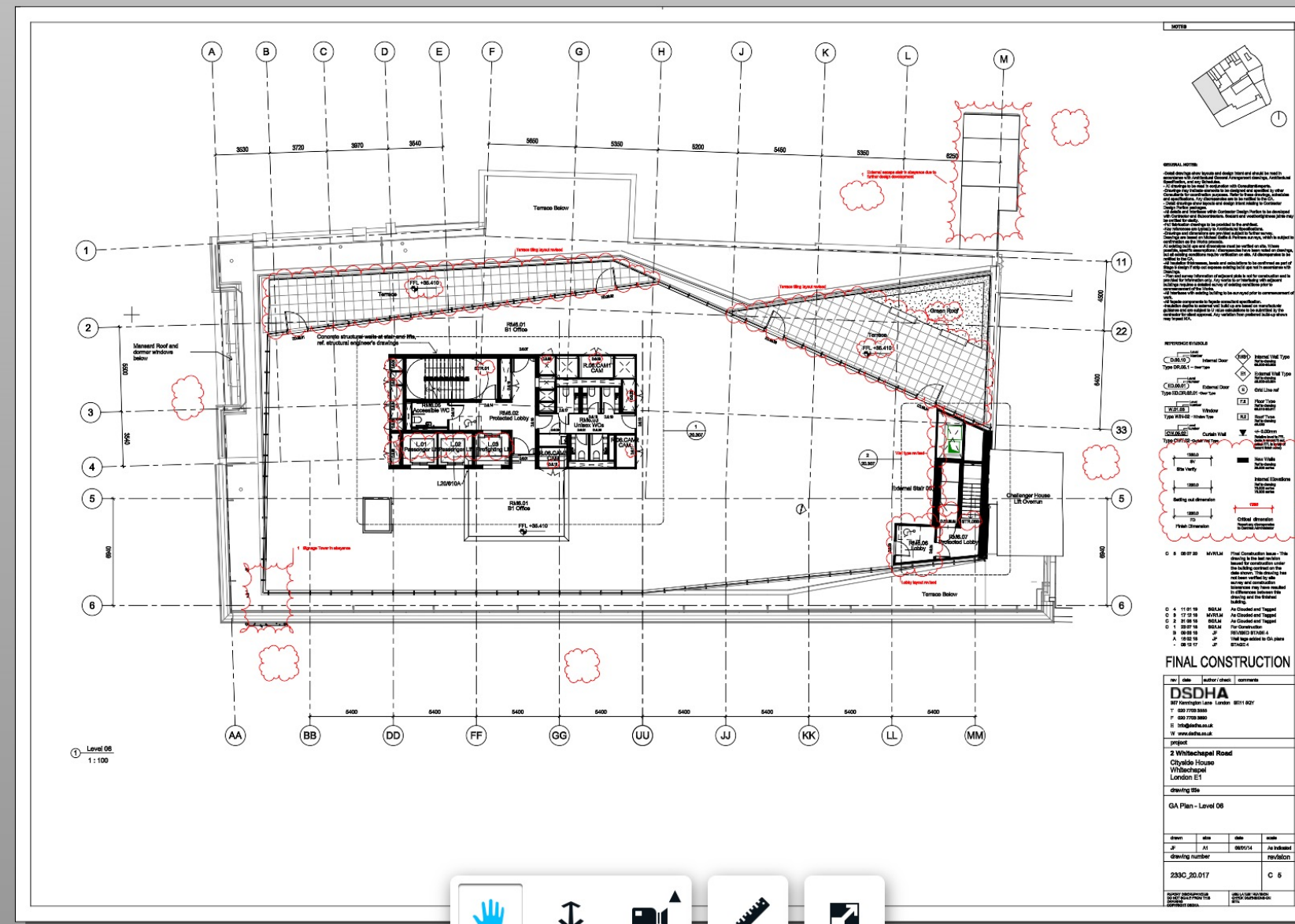
Product Demonstration

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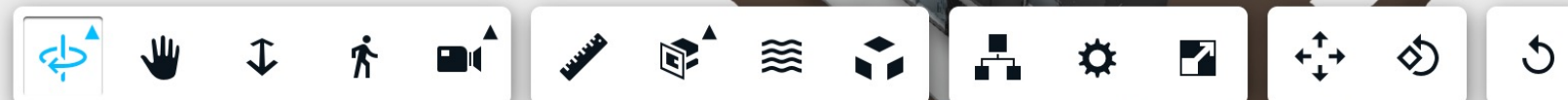


20.018 - GA Plan - Level 07

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En_20_15_10



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app.twinview.com/projects/29077739-90f5-47e7-b633-09dbe89acf2f/fb2f0544-9267-4c79-bc12-3b4897b1956d

Twinview

13
Tickets (OPEN)
Add +

2
Issues (OPEN)
Add +

16
Maintenance Jobs
Add +

5,356
Assets
Add +

1
Equipment
Add +

Tickets

Issues

Maintenance Jobs

Assets

Equipment / Consumables

Quotes

Space

Category

Owner

Status

Add

Asset Name / ID	Model / Manufacturer	Room / Space	AUP / M.Hrs	Status	
1381401836FASTflo_WHC56 [1121812] AS0729 / CH-CO-LG-RMB.15-HTG-004	FASTflo WHC56 Mikrofill Systems Ltd.	Boiler Room RM... Level B1 (-170)	100% 0 hours	ACTIVE Installed: 01.01.2020	View
1381401836FASTflo_WHC56 [2895450] AS0730 / CH-CO-LG-RMB.15-HTG-003	FASTflo WHC56 Mikrofill Systems Ltd.	Boiler Room RM... Level B1 (-170)	100% 0 hours	ACTIVE Installed: 01.01.2020	View
AET CAM V33 [1124261] AS0732 / CH-CO-L5-RM5.01-ACE-002	V-33 AET	B1 Office RM5.0... Level 05 FFL	100% 0 hours	ACTIVE Installed: 01.01.2019	View
AET CAM V33 [2899945] AS0733 / CH-CO-L1-R.01.CAM3-ACE-001	V-33 AET	CAM R.01.CAM3... Level 01 FFL	100% 0 hours	ACTIVE Installed: 01.01.2019	View
AET CAM V33 [2899949] AS0734 / CH-CO-L1-R.01.CAM1-ACE-001	V-33 AET	CAM R.01.CAM1 ... Level 01 FFL	100% 0 hours	ACTIVE Installed: 01.01.2019	View

Total: 5,355

Previous12345Next

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app.twinview.com/projects/29077739-90f5-47e7-b633-09dbe89acf2f/fb2f0544-9267-4c79-bc12-3b4897b1956d

Twinview

Notifications

Assets

Users

Settings

Models

Manage Asset

AS0723 - Boiler 1 - BOILER_RMAX_R600EVO_601-603

Decommission / Replace

View in Model

Summary

Tickets

Issues

Jobs

Equipment

Attachments

Document Vault

Time Log


Notes

Dashboard

Asset Details

Edit

Status	ACTIVE
Asset ID	AS0723
Name	Boiler 1 - BOILER_RMAX_R600EVO...
Category	Boilers
Room / Space	BOILER ROOM RMB.15 [9096917]
Asset Identifier	CH-CO-LG-RMB.15-HTG-002
Manufacturer	Rendamax AAW
Model	R600 EVO 601
Supplier	VBS
Serial Number	7681568
Asset Owner	-
Created By	-



100%

Average Uptime

0

Maintenance Hours

Model Parameters

Category	
Classification.Uniclass.Pr.Number	Pr_60_60_08
CSH_Asset No.	CH-CO-LG-RMB.15-HTG-002
CSH_Asset Type	Fixed
CSH_Condition	New
CSH_Current Value	
CSH_Description	Domestic Water Heater

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app.twinview.com/projects/29077739-90f5-47e7-b633-09dbe89acf2f/fb2f0544-9267-4c79-bc12-3b4897b1956d

Notifications

Admin Tools

Manage Asset

AS0723 - Boiler 1 - BOILER_RMAX_R600EVO_601-603

Decommission / Replace

View in Model

Summary

Tickets

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Dashboard

Search Document Vault

P6575-COG-ZZ-XX-MN-SC-...

P6575-COG-ZZ-XX-MN-SC-...

P6575-CUK-ZZ-ZZ-TC-SC-0...

P6575-CUR-ZZ-ZZ-HS-Z-00...

P6575-EAS-ZZ-XX-MN-Z-00...

P6575-EXC-ZZ-ZZ-GW-SC-0...

P6575-GCL-ZZ-XX-TS-SC-0...

P6575-GCL-ZZ-XX-TS-SC-0...

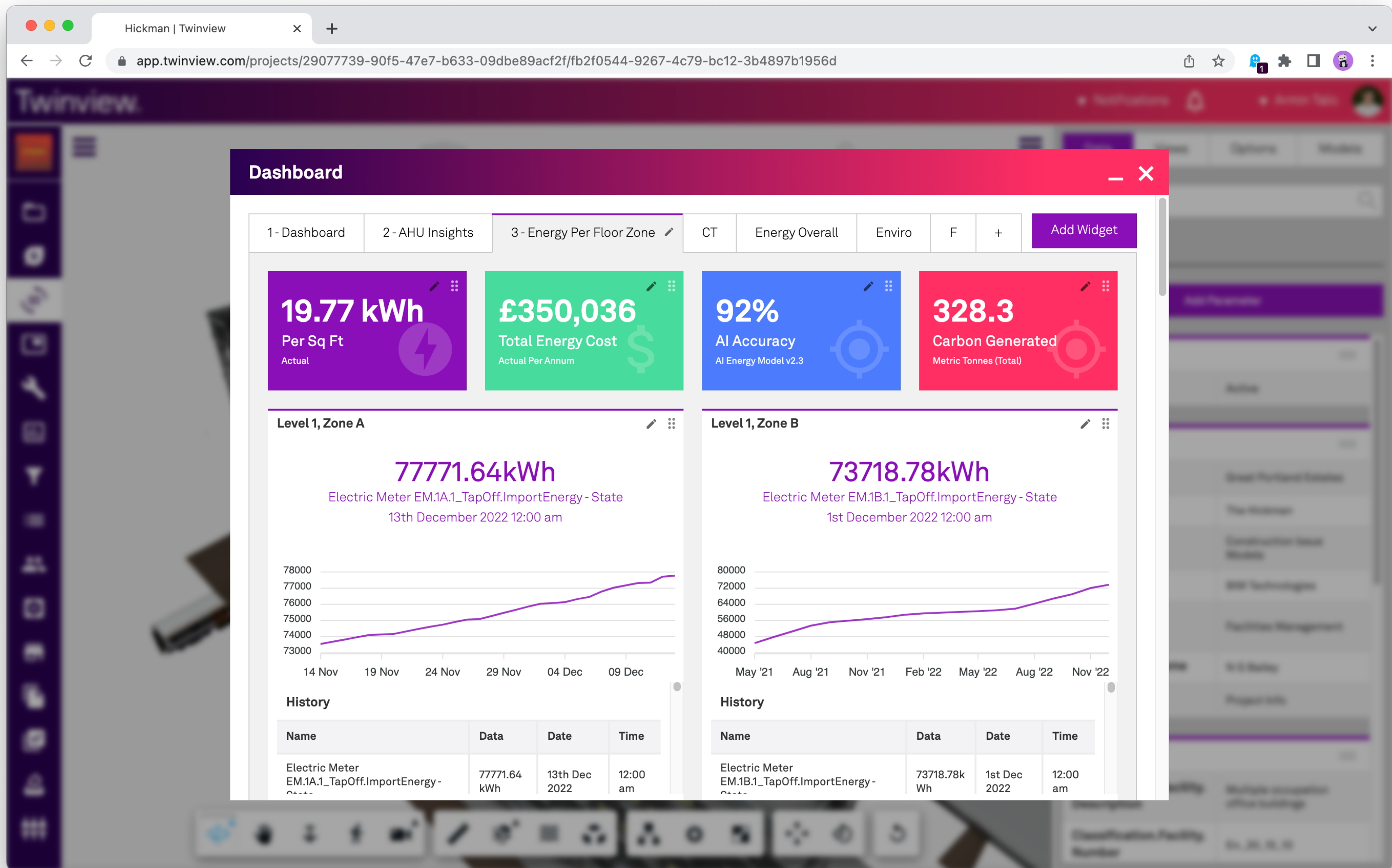
Total: 37

Previous

1

2

Next



Dashboard

— ×

1- Dashboard

2-AHU Insights

3 - Energy Per Floor Zone

CT

Energy Overall 

Enviro

F

+

Add Widget

Total Gas Consumption

kWh Since 9th December 2020

376400kWh

Hickman_3PA_TotalAnnualGasConsumption - State
8th December 2022 4:00 am

Total Electric Consumption

kWh Since 9th December 2020

1111672KWh

Hickman_3PAF_Total Annual Energy Consumption - State
8th December 2022 6:00 am

Tariff Checker

Data from USwitch

There are cheaper tariffs available from other providers

Hickman_3PA_TarriiffCheckPlainText - State
18th February 2022 8:34 am

27. 09p

Electric Unit Cost

per kWh from EDF Energy

7. 23p

Gas Unit Cost
per kWh from EDF Energy

32. 15p

Electric Daily Standing Charge
per day

27. 22p

Gas Daily Standing Charge
per day

Electric Energy Use by Zone

Total Consumption

13-09-2022 - 13-12-2022



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app.twinview.com/projects/29077739-90f5-47e7-b633-09dbe89acf2f/fb2f0544-9267-4c79-bc12-3b4897b1956d

Notifications

Avatar

AS0723 - Boiler 1 - BOILER_RMAX_R600EVO_601-603

Decommission / Replace

View in Model

Summary

Tickets

Issues

Jobs

Equipment

Attachments

Document Vault

Time Log

Notes

Dashboard

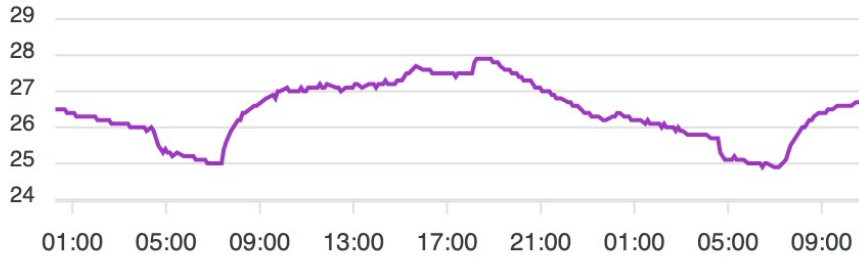
Plantroom Temperature

BMS Enviromental

26.7°C

Plant Room Temp - State

13th December 2022 10:40 am



History

Name	Data	Date	Time
Plant Room Temp - State	26.7°C	13th Dec 2022	10:40 am

Outside Air Temp

ASASA

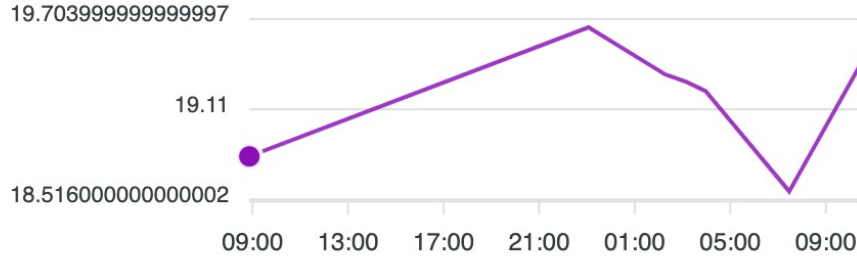
Average Building Temperature

BMS Heating

19.41°C

Average Building Temperature - State

13th December 2022 10:28 am



History

Name	Data	Date	Time
Average Building Temperature - State	19.41°C	13th Dec 2022	10:28 am

Electric meeter floor 1 zone 1

hjh

An abstract, swirling graphic in shades of purple and blue, resembling a stylized ribbon or smoke, positioned vertically in the center of the frame.

Thank you.

twinview.com