

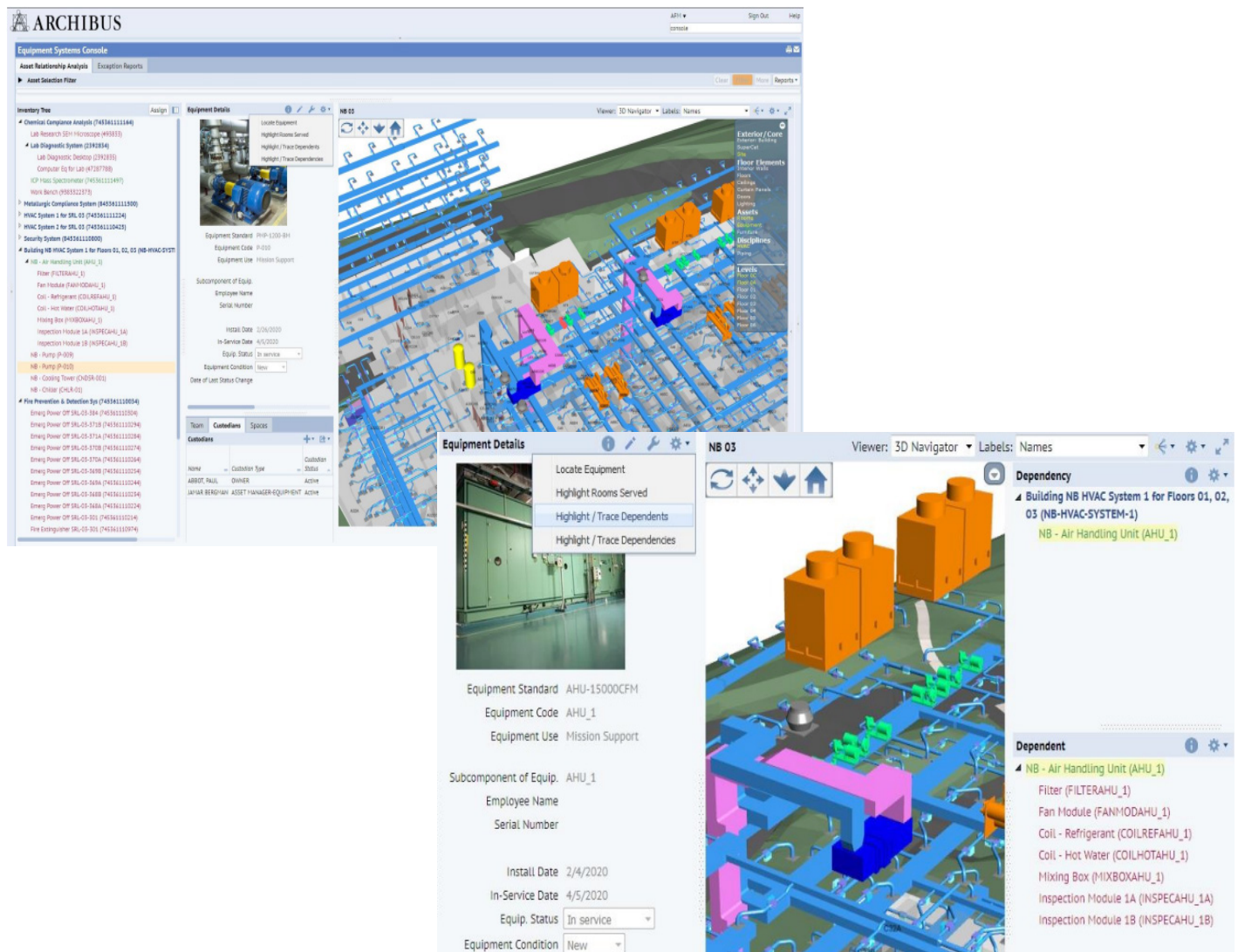
# What's New? Enterprise Asset Management

## Overview

V.23.2 adds a series of key features to enterprise asset management to leverage the power of BIM and 3D visualisation and to support the broad adoption of ISO55000 and governance policies for strategic and tactical end-to-end management of assets.

## 3D Navigator in the Equipment Systems Console

Asset managers, maintenance staff, project teams and custodians can distinguish the complex interconnected 3D spatial relationships of multiple building systems and assets by viewing and querying assets in a BIM model using the 3D Navigator. Embedding the 3D Navigator into the equipment systems consoles extends relationship tracing, rooms-served highlights, and graphical dependency queries to a 3D building and asset system model. Interactive features trace dependencies within systems by simultaneously using the graphical elements and the logical connections in the equipment system hierarchy.

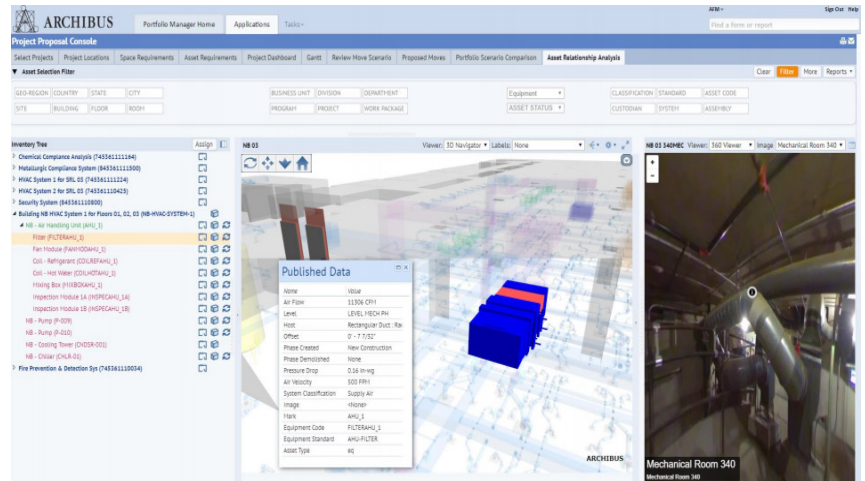


The screenshot displays the ARCHIBUS Equipment Systems Console interface. The main view is a 3D Navigator showing a complex network of blue pipes and orange equipment units within a building model. On the left, there is an 'Inventory Tree' listing various equipment categories like 'Chemical Campaign Analyser', 'Lab Research', and 'HVAC System'. A central 'Equipment Details' panel provides information for a selected 'AHU-15000CFM' unit, including its code, use, and status. On the right, a 'Dependency' panel shows the 'Building NB HVAC System 1 for Floors 01, 02, 03' and its dependent components, such as 'Filter (FILTERAHU\_1)', 'Fan Module (FANN10DAHU\_1)', and various coils and mixing boxes. The interface includes navigation controls like 'Locate Equipment', 'Highlight Rooms Served', and 'Highlight / Trace Dependencies'.

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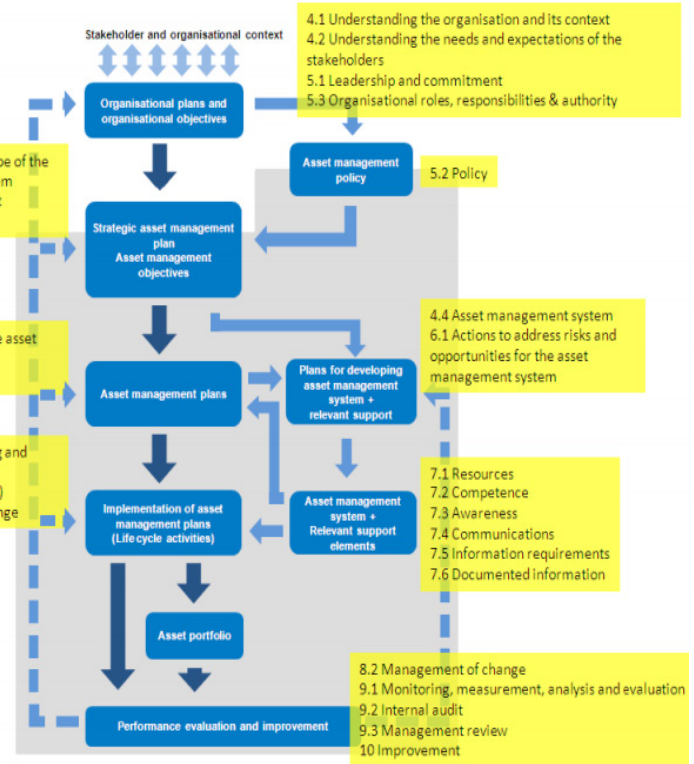
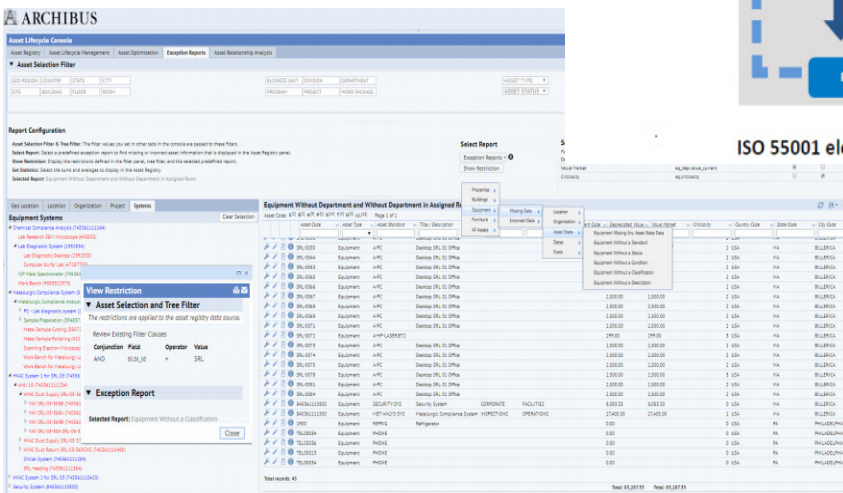
## 360 Viewer in the Equipment Systems Console

The 360 Viewer within the Equipment Systems Console enables you to do a 360-degree survey of the space surrounding the asset to visually inspect the local environment. This view can facilitate the planning and execution of maintenance and project work by presenting elements of the local environment that are not represented in the 2D and 3D graphical models, but can be easily captured in a 360 image, elements such as clearances, access ladders and hatches, piping and surrounding equipment. This virtual walkthrough saves many site visits for supervisors and can also be used to instruct craftspeople before they leave the maintenance office.



## Exception Reports in Support of ISO55000

The ISO55000 Standards for Asset Management identifies more than two dozen asset management system and leadership commitment elements throughout the EAM lifecycle processes. Yet data-driven decisions are only as good as the data that drive them, and success of these ISO55000 elements are directly based upon the quality of the asset information. The new EAM Exception Reports console provides asset managers and custodians a wealth of interactive searches, filters and statistics



ISO 55001 elements of an asset management system

to find property, building, equipment or furniture assets that are missing or have incorrect key data elements to support ISO55000. Once found, you can correct any data issues directly within the console.

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## Chain of Custody

A continuous chain of custody on assets is used for regulation compliance and is part of best practice approaches to asset management, such as ISO55000. The application can track this chain of ownership throughout the lifecycle of the asset, from specification to disposal, allowing users to:

- Mitigate losses and optimise value by assigning specific asset management accountability
- Mitigate legal and financial risks from being non-compliant by validating both processes and data
- Support organisational transparency and accountability objectives by providing a collective registry of asset custodians and their duties
- Optimise value by ensuring explicitly assigned asset management duties and by minimising effort to locate the party responsible for an asset
- Ensure that all assets are accounted for and that the accounting books have no "ghost" assets, (assets that have been lost, stolen, donated or disposed but are still on the books)

**Lifecycle Chain of Custody Report**


**Select Asset**

Show: Assigned Assets | Asset Type: Building

Asset Code: A[1] S[1] All[2]

Asset Code	Asset Type	Asset Standard
AB	Building	OFFICE
<b>SRL</b>	<b>Building</b>	<b>OFFICE</b>

**Singularity Research Lab - SRL**



Building Code: SRL  
SRL  
Comments

**Details**

Building Code	SRL	Site Code	BEDFORD
Building Name	Singularity Research Lab	Address	1 Wall St, Building 2 Billerica, MA 01821
Date Built	12/11/2014	Region Code	EASTERN
Date of Rehab	6/21/2019	Country Code	USA
Building Use	OFFICE	Property Code	BED-SRL
Construction Type	STEEL	Latitude	42.53119800
Property Status	Owned	Longitude	-71.27918100
Building Contact	KATHLEEN BURKE		
Owner Custodian	WILLIAM TRAMMER		

**Location**

**Size and Occupancy**

Ext. Gross Area ft <sup>2</sup>	445,919.76	Value - Book	185,180,567
Int. Gross Area ft <sup>2</sup>	438,161.97	Date Book Value Assessed	6/4/2019
Rentable Area ft <sup>2</sup>	417,788.83	Value - Market	222,959,880
Number of Floors	8	Date Market Value Assessed	5/15/2018
Max. Bldg. Occupancy	4,459	Purchase Price	222,959,880
Occupancy	1,216	Date Purchase	12/11/2014
		Cost per. Area	20.00

**Value**

Owner Custodian	Custodian Type	Status	Email	Cellular Number	Start Date	End Date
WILLIAM TRAMMER	OWNER	Active	trammer_william@tgd.com	617-345-3321	6/26/2017	
BURKE,KATHLEEN	OWNER	Inactive	burkek@tgd.com	215-765-8877	3/2/2015	6/25/2017
PAUL DEAN	OWNER	Inactive	dean_paul@tgd.com	617-345-2228	10/7/2013	3/1/2015
TONY BARKER	OWNER	Inactive	BARKER_TONY@tgd.com	617-345-2777	12/9/2010	10/6/2013