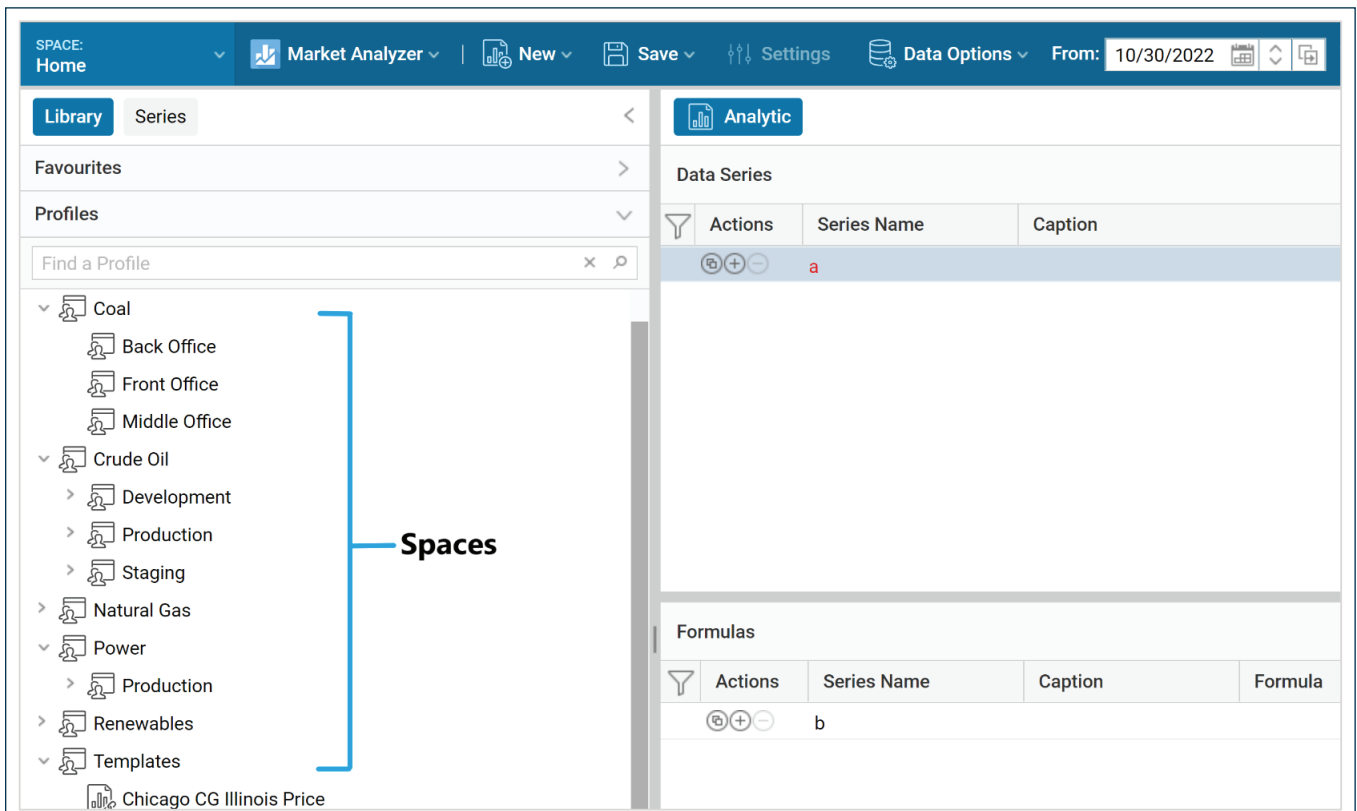


ZEMA SPACES



Everything in its Place



What are ZEMA Spaces?

Spaces are containers, like folders, to organize your ZEMA data objects. Spaces allow users of ZEMA to organize content into meaningful collections, and to manage access control to the objects more effectively. Users can publish their Profiles (Analytics, Datasheets, Templates and Linked Analytics) to Spaces and organize them based on common groupings such as desks, teams, or commodities. Each user of ZEMA can now have a tailored user experience, only seeing the content that is relevant to them. Space permissions can be easily administered to ensure that only the appropriate users have access to this group of objects.



The screenshot displays the ZEMA Market Analyzer interface. The top navigation bar includes options like 'SPACE: Home', 'Market Analyzer', 'New', 'Save', 'Settings', 'Data Options', and a date filter set to '10/30/2022'. The left sidebar shows a 'Library' tab with a 'Find a Profile' search bar. Below the search bar, a list of categories is shown, including 'Coal', 'Crude Oil', 'Natural Gas', 'Power', 'Renewables', and 'Templates'. A blue bracket labeled 'Spaces' groups these categories. The main area shows a table for 'Data Series' with columns for 'Actions', 'Series Name', and 'Caption'. Below it is a 'Formulas' section with a table for 'Actions', 'Series Name', 'Caption', and 'Formula'.

Actions	Series Name	Caption
 	a	

Actions	Series Name	Caption	Formula
 	b		

How do Spaces enhance your ZEMA experience?

Benefit 1: Redefine the ownership of ZEMA content

Old

ZEMA objects are owned and organized by a named user. When the user leaves their position, the content cannot be easily moved and still needs to be referenced with their username.

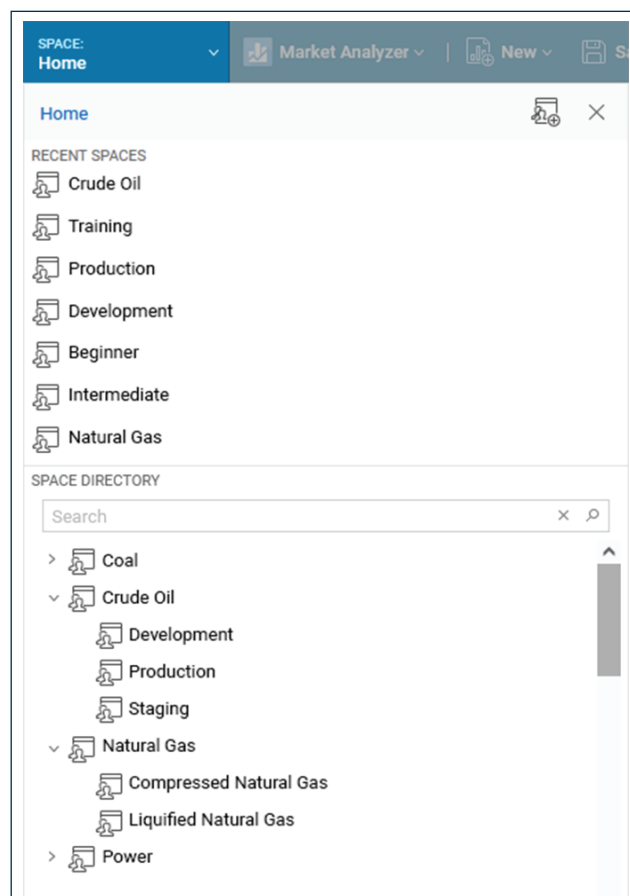
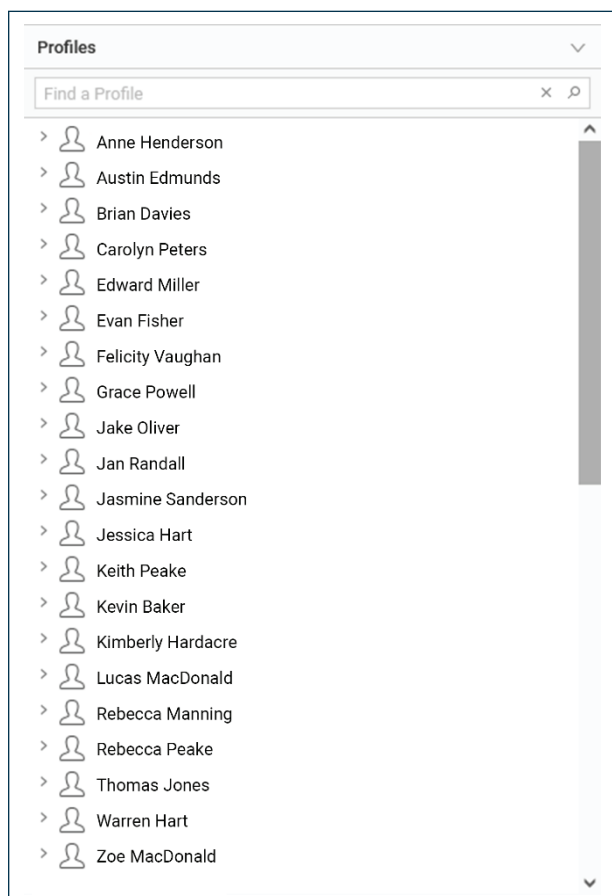
New

With Spaces, the objects are owned by a Space and accessed by a configurable group of users. The addition of the Move feature makes it easy to transfer ownership of ZEMA objects and move them into Spaces.

Note: Spaces eliminates any benefit of utilizing generic, shared user accounts to manage content, removing a potential security concern.

Benefit 2: Enhanced User Experience

When the number of data objects in your ZEMA environment grows, the ZEMA interface can become cluttered, and it may be cumbersome for some users to navigate easily. Spaces can be used to tailor the user experience and ensure users only see what they have access to and what is relevant to their current work. Users can see all accessible objects from the Home Space, or they can navigate into specific Spaces to see a filtered view of that content.



Benefit 3: Improved efficiency in access control

Old

Manually assigning permissions to objects in a ZEMA environment can be challenging, especially in complex environments with large numbers of users, profiles, and curves.

New

Access to objects that are added to a Space is automatically controlled according to pre-defined permissions.

By adding new members to a space, they can be granted Read, Write or Admin access automatically to all ZEMA objects that reside in the Space.

The screenshot shows the 'Space Administrator' window with a 'Permissions' tab selected. The interface includes a sidebar with 'Permissions', 'Space Details', and 'Delete Space'. The main area displays a table with columns for 'Users', 'User Role', and 'Profiles'. The 'Users' column has a filter dropdown set to 'All'. The 'User Role' column has checkboxes for 'Member', 'Manager', 'Read', 'Write', and 'Admin'. The 'Profiles' column has checkboxes for 'Read', 'Write', and 'Admin'. The table lists various users and their permissions. At the bottom, there is a checkbox for 'Copy Changes to Subspaces', a 'Save' button, and a 'Cancel' button.

Users	User Role		Profiles		
	Member	Manager	Read	Write	Admin
> Admin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
> Analysts	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
> Business Solutions	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
> Product Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
> Development	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Anne Henderson	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Austin Edmunds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Brian Davies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Carolyn Peters	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Edward Miller	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evan Fisher	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Felicity Vaughan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Grace Powell	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Jake Oliver	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Jan Randall	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Jasmine Sanderson	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Copy Changes to Subspaces Save Cancel

Benefit 4: Increased Security

Old

The security of objects is set on a per object level, which is cumbersome and error-prone.

New

The security for objects in a Space is controlled only through Space Permissions. Only Space managers (including ZEMA Administrators and Space Administrators) are able to modify the Space