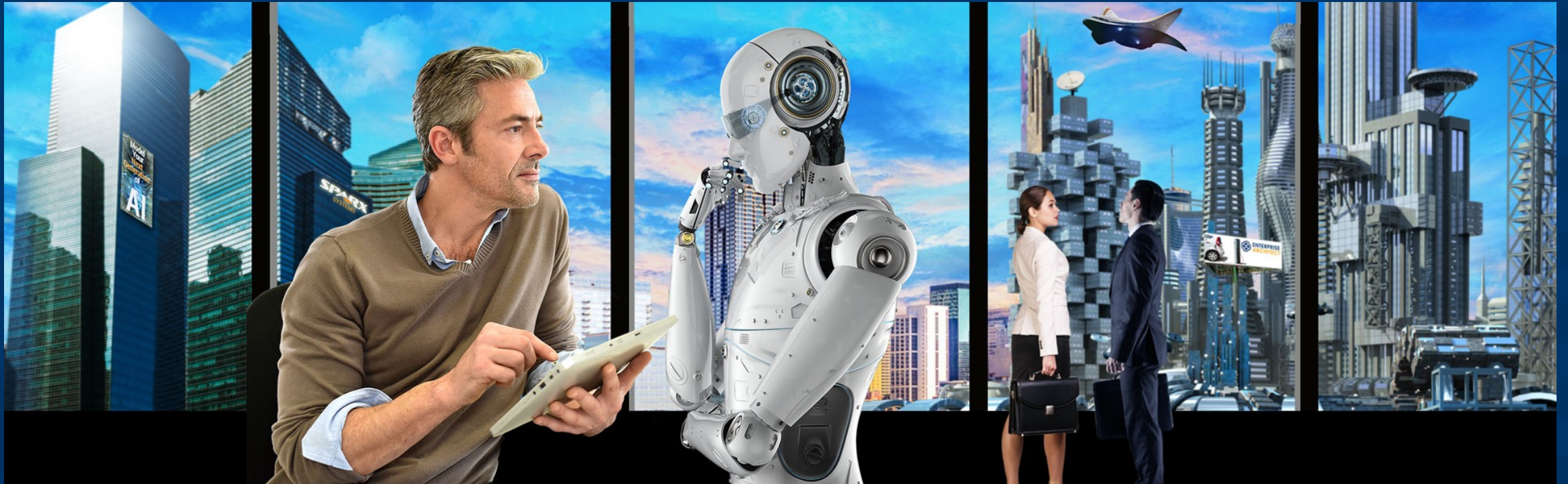


Enterprise Architect 15.1



SPARX
SYSTEMS

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Agenda

- Highlight key features from the product release.
- Enterprise Architect 15.1 Product Demonstration.
- Questions from the audience.

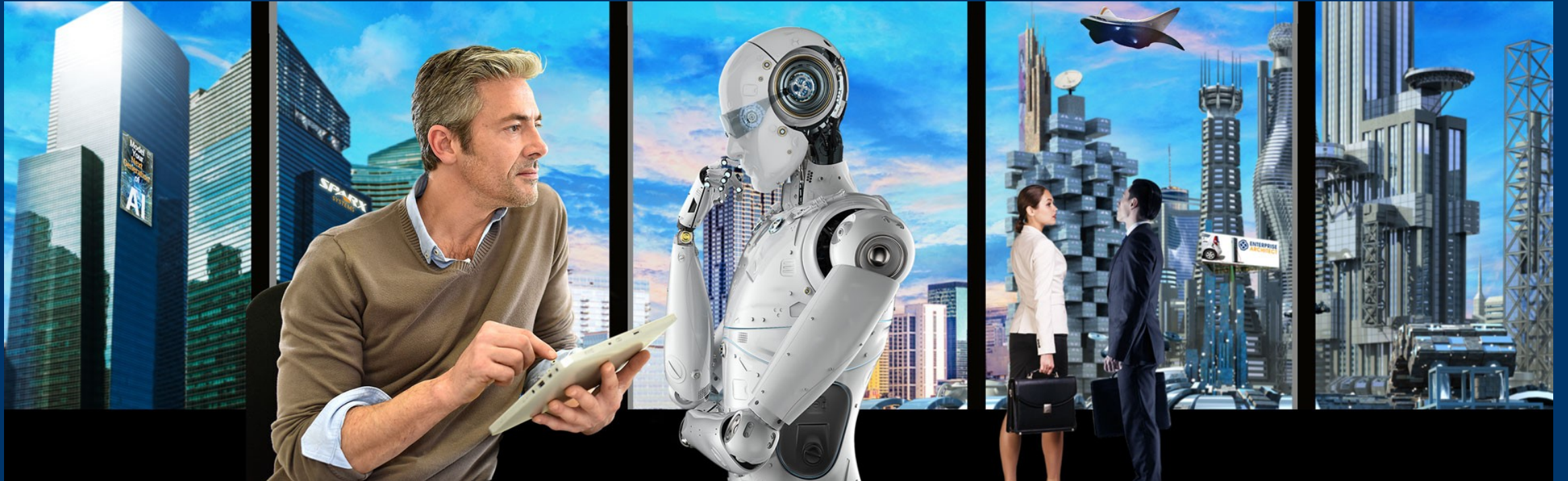
Key Features

- Visualize your world.
- Pin models to the Start Menu.
- Preview child diagrams without losing focus
- Create all new Diagram Layers.
- Freeze visible relationships.
- Perspectives.

New Technology

- Model based business vocabulary.
- New cyber security profile.
- Rapid backup and transfer.
- Re-usable Asset Service baselines.
- Engage your global audience.

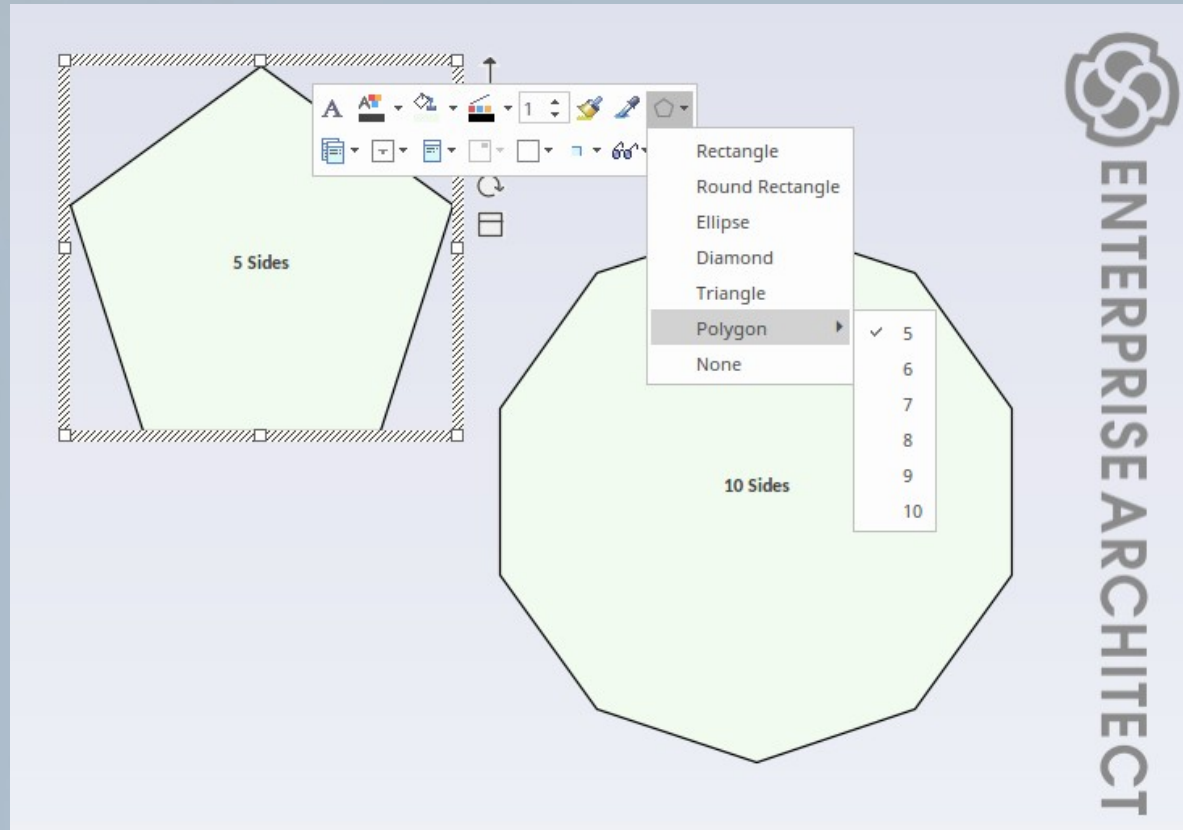
User Interface



Visualize Your World

- Display the Enterprise Architect logo on the right edge of diagrams.
- Draw shapes with 5 to 10 edges.
- Improve diagram appearance.

Visualize Your World



Pin Models

- Pin models to the Start Page.
- Right-click models to add them to a separate list that is sorted alphabetically.
- Visible on the Start Page and in the File menu.
- Find popular models instantly.

Pin Models

Start Page ×

Open
Open an existing repository

- Local project
- Server connection
- Cloud connection

New
Create a new local repository

- Create a new project
- Manage projects

Open a Portal ▾

Recent ▾

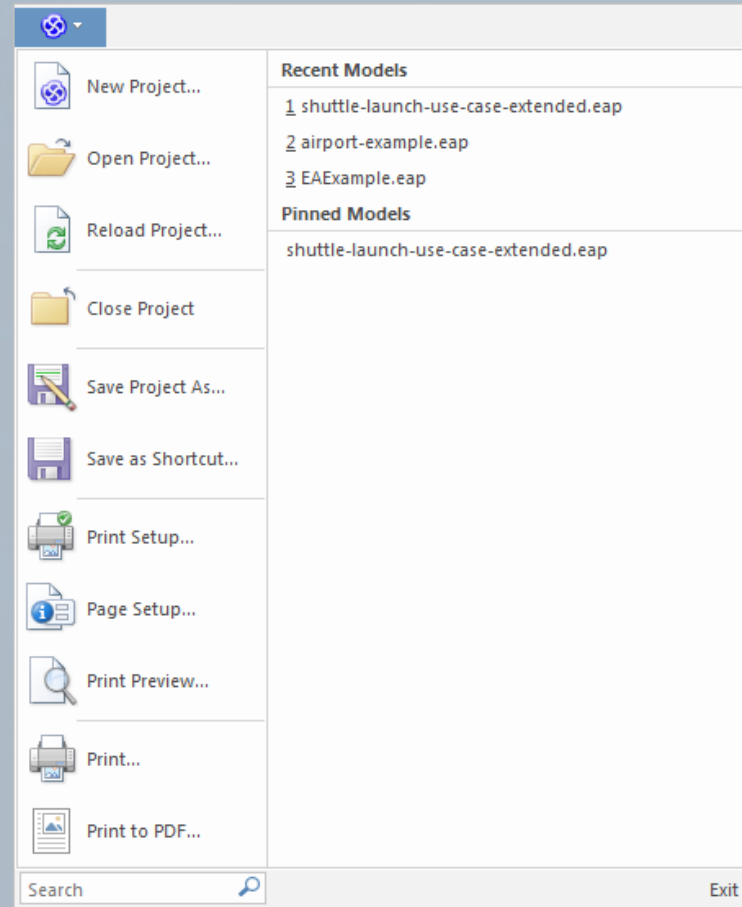
- shuttle-launch-use-case-extended
- airport-example
- EASample

- Open Project
- Launch in new EA
- Add to Watched List
- Pin Connection**
- Remove Selection from List

Pinned

- shuttle-launch-use-case-extended.eap

Pin Models



Preview Child Diagrams

- Easily preview child diagrams without losing focus.
- Preview and switch to child diagrams using three new keyboard accelerators.
- New eye shaped icon supports the preview of a composite element or child diagram.

Preview Child Diagrams

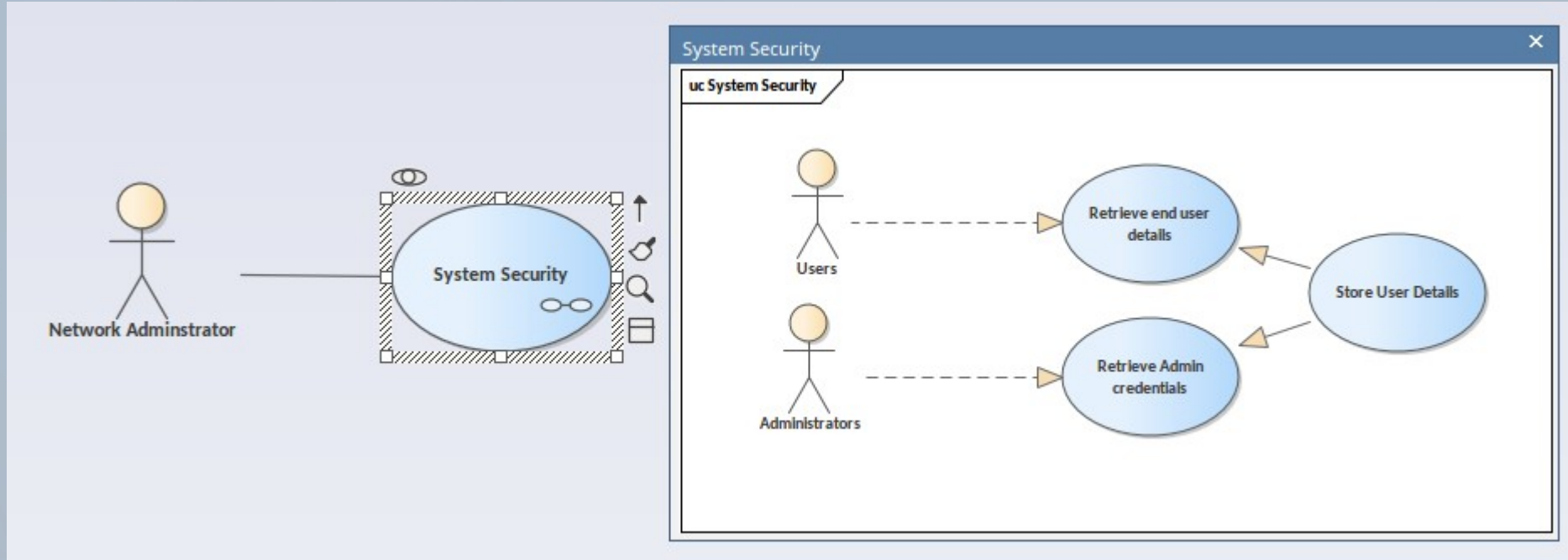


Diagram Layers

- Hide, show and filter diagram content on demand.
- Assign elements to different layers on a per diagram basis.
- Enable layer visibility with a simple checkbox.
- Contrast As-Is and To-Be on a single diagram.

Diagram Layers

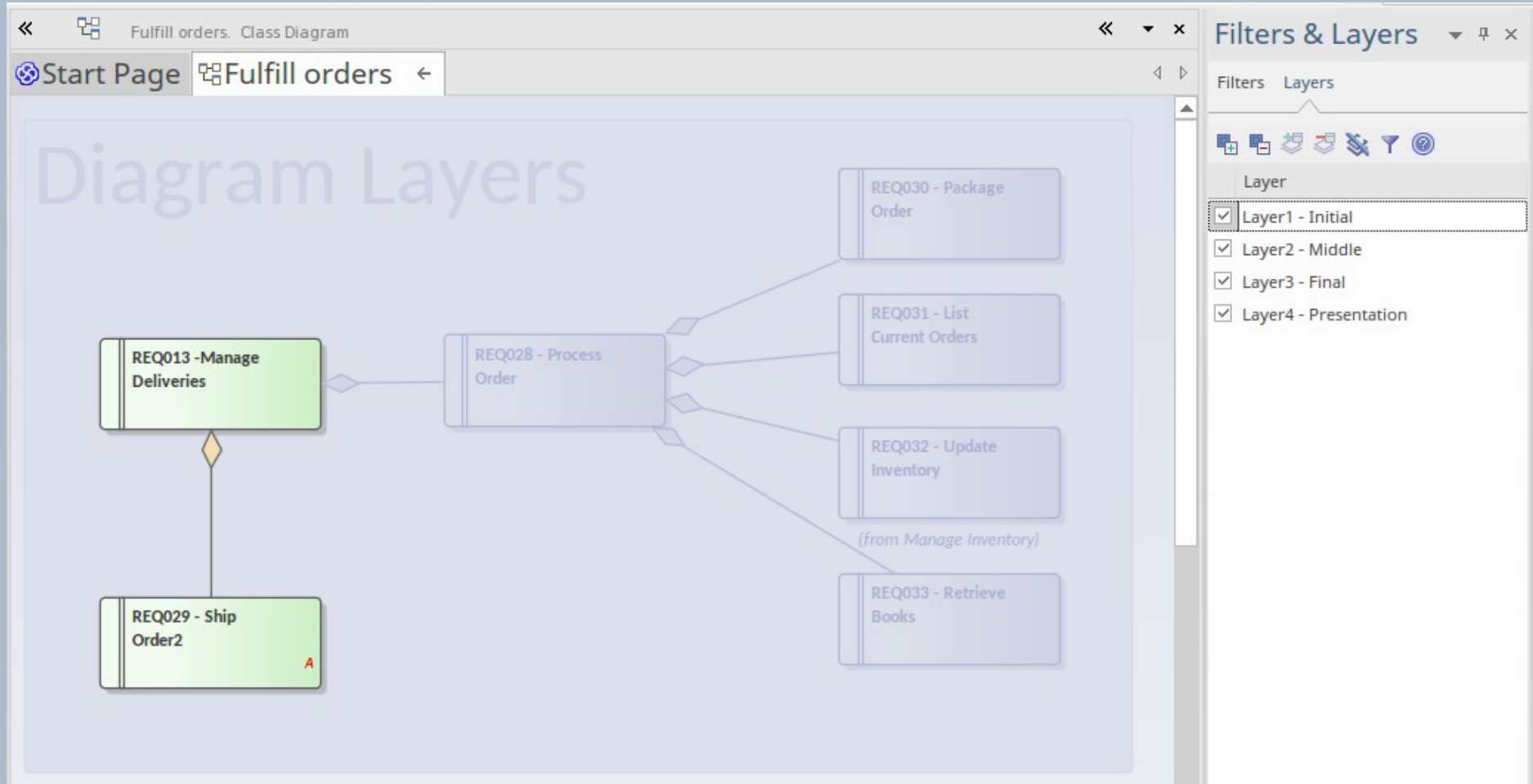


Diagram Layers

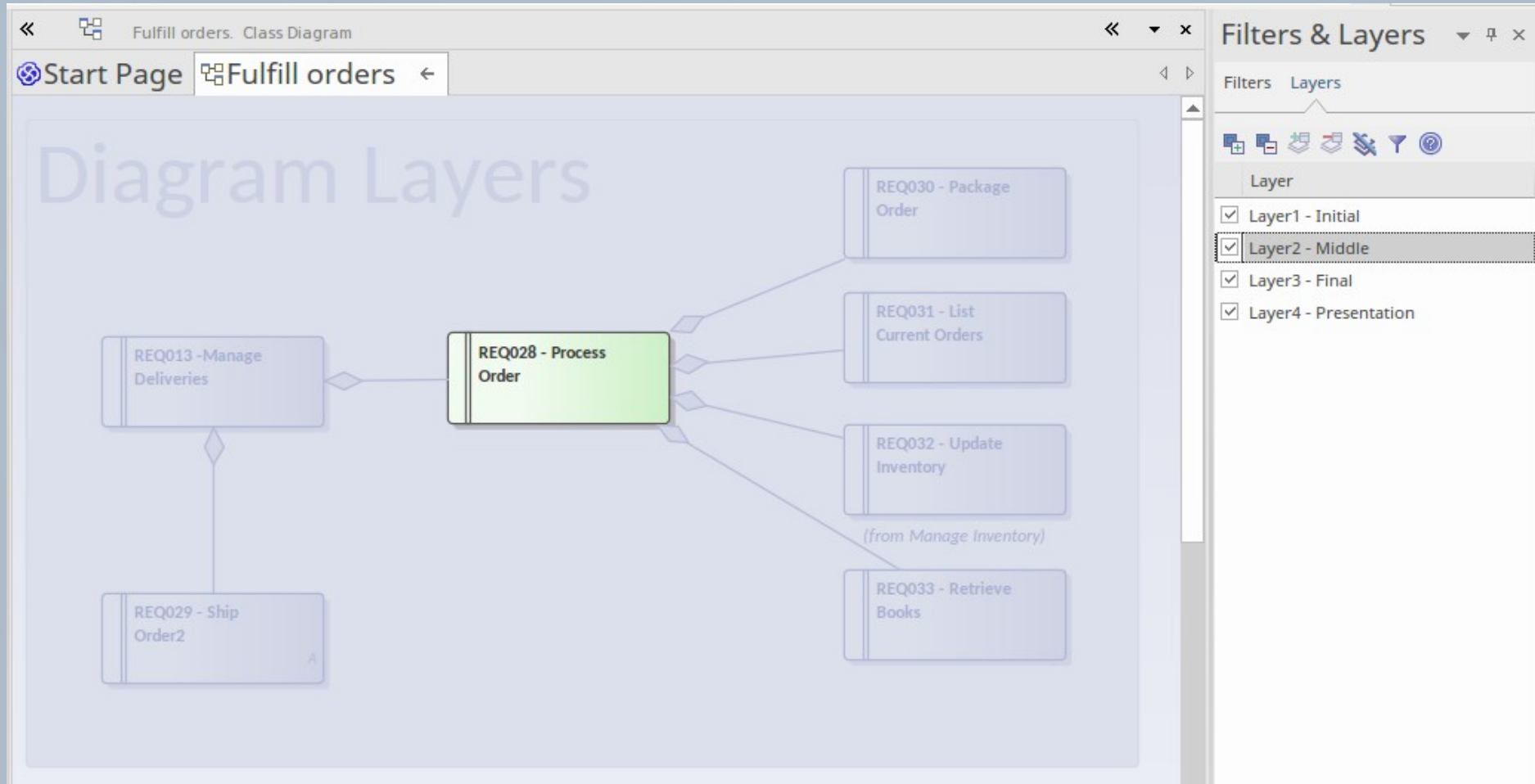


Diagram Layers

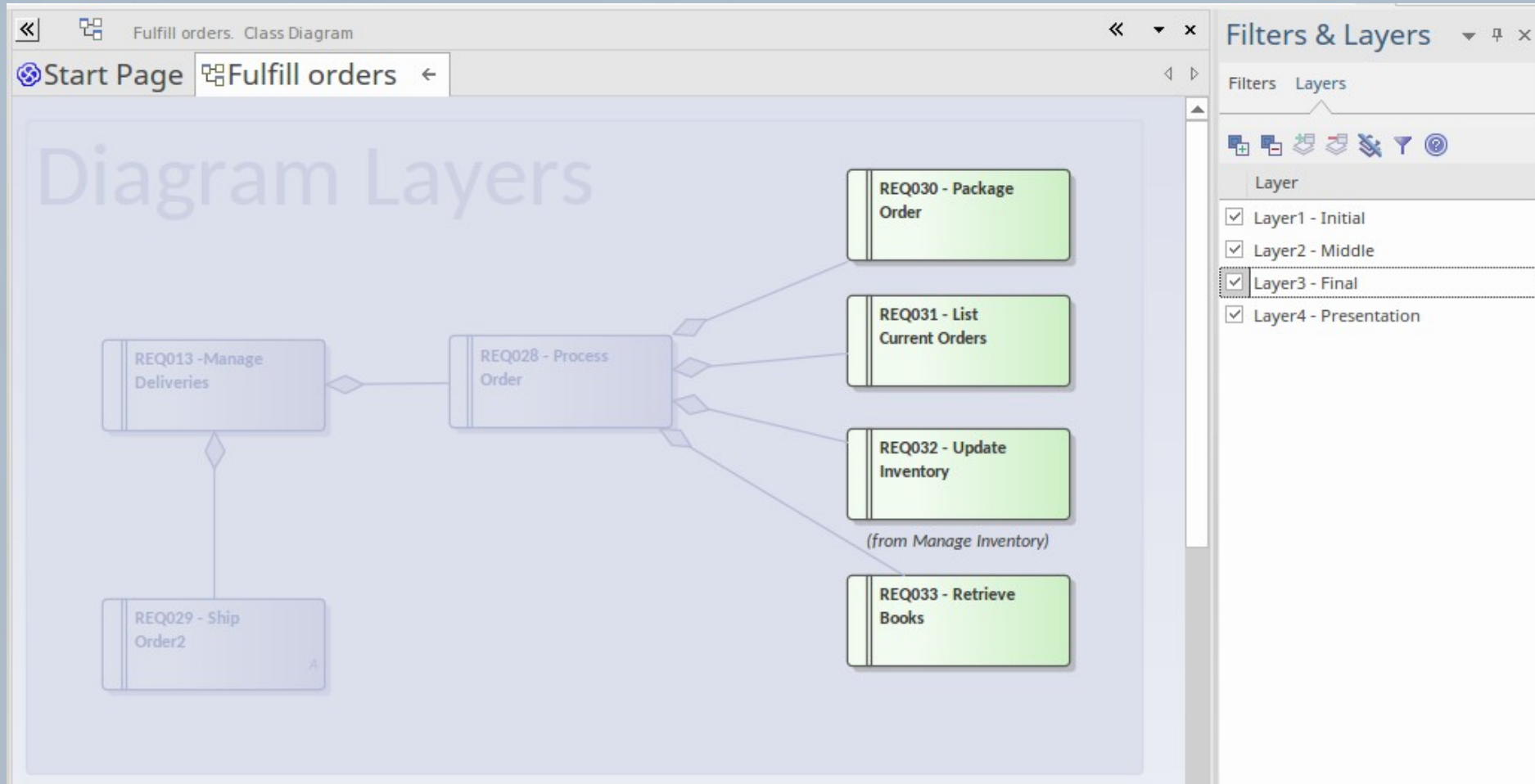


Diagram Layers

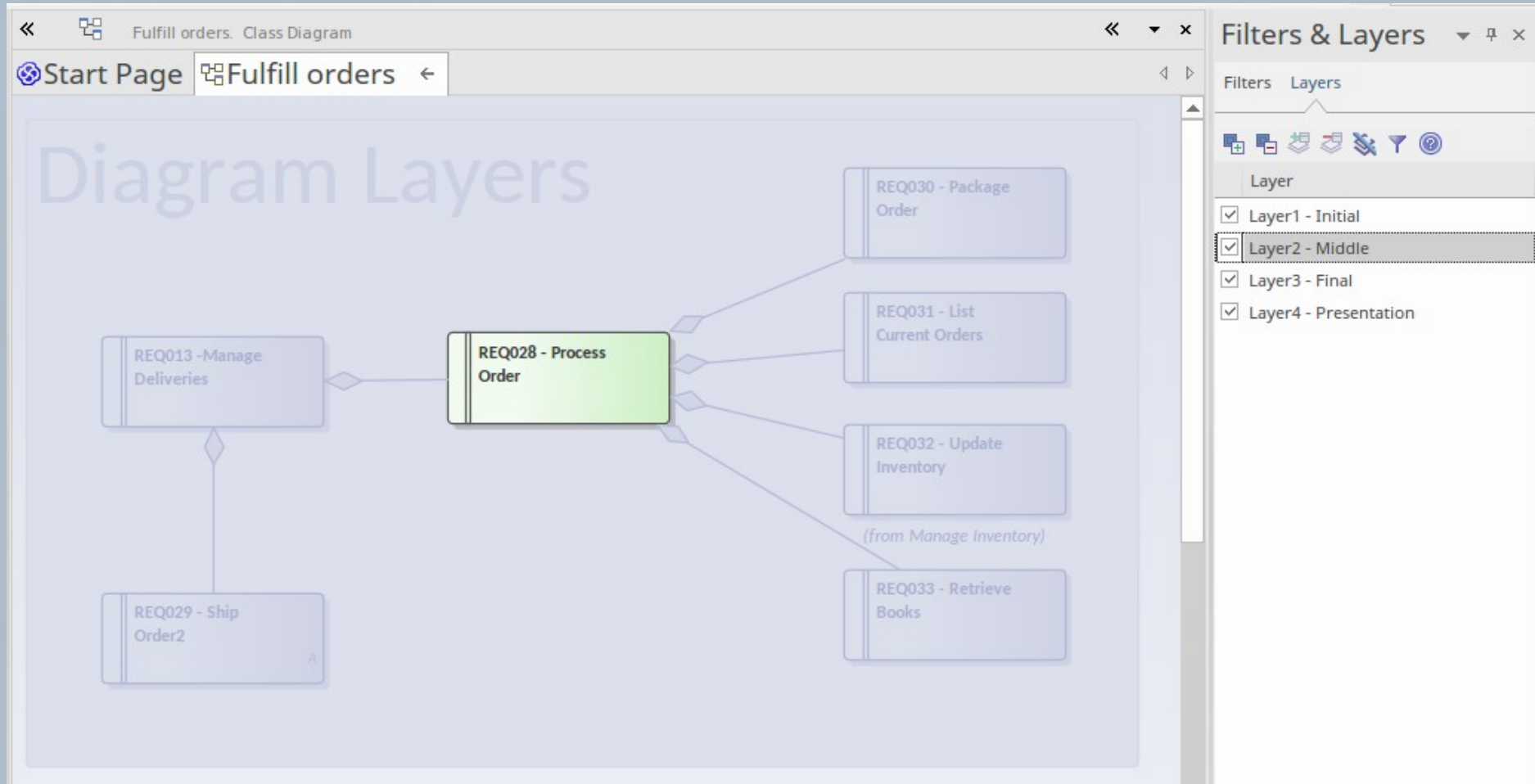
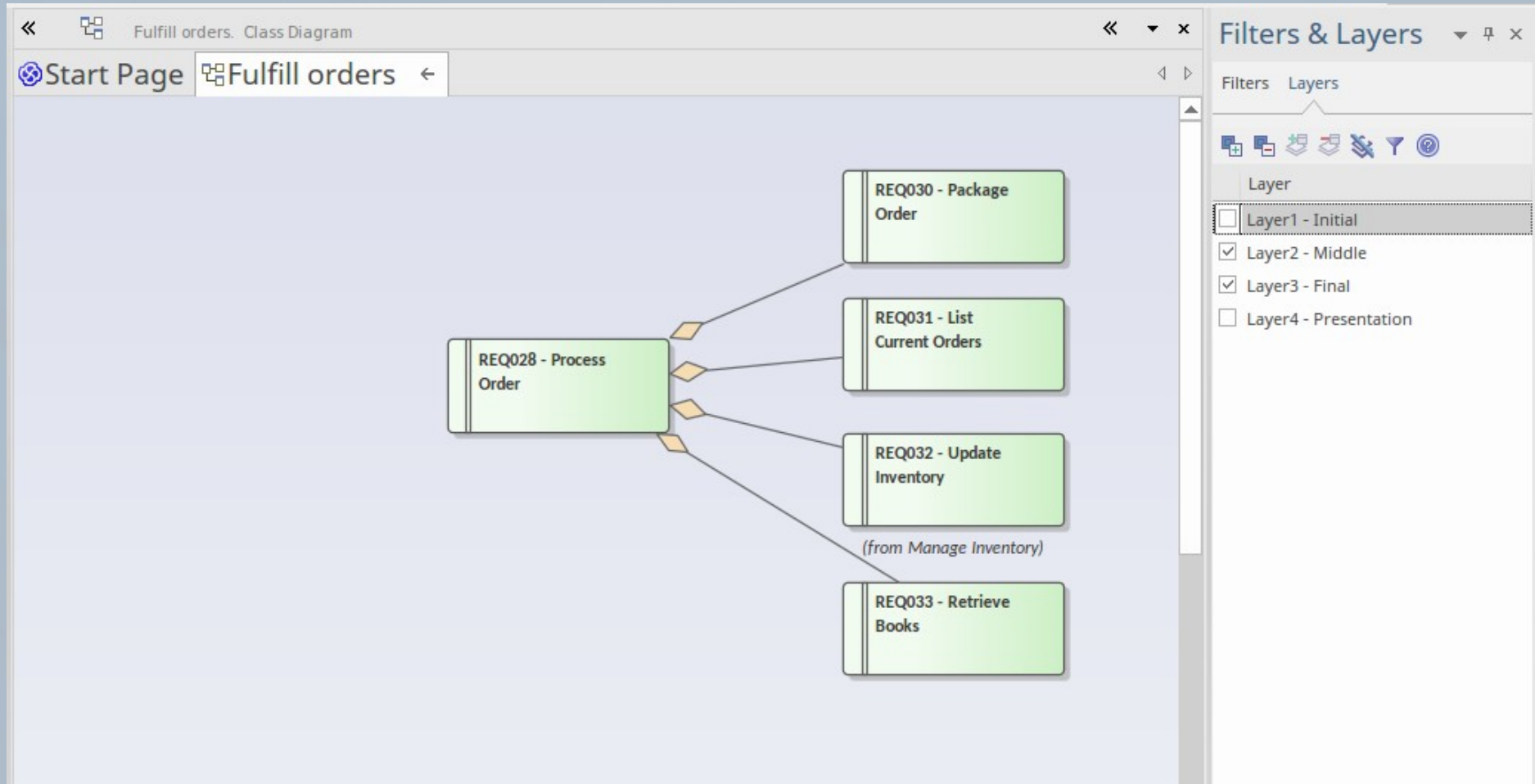


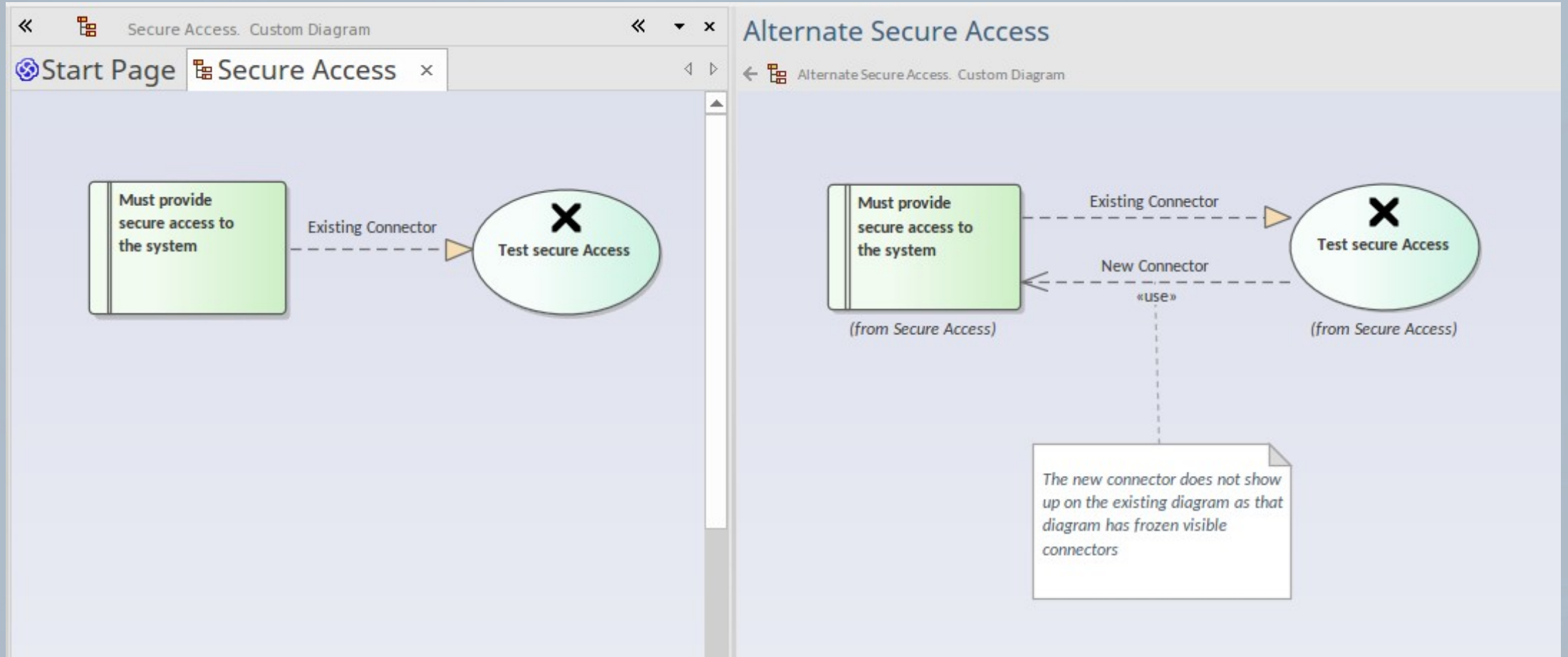
Diagram Layers



Freeze Visible Relationships

- Visible connectors on a diagram can be frozen, creating cleaner “finalized” diagrams.
- Great when working in collaborative teams.
- The diagram owner is telling the tool not to update this diagram when connectors are added somewhere else in the model.
 - Start > Desktop > Design > Properties > Connectors : Freeze Visible.

Freeze



Group Based Perspectives

- Provide your team with the tools and technologies they need.
- Lock down the available modeling tools for security groups.
- Share Perspectives between team members.
- Restrict any existing technology set to the required diagrams, elements and connectors.

Group Based Perspectives

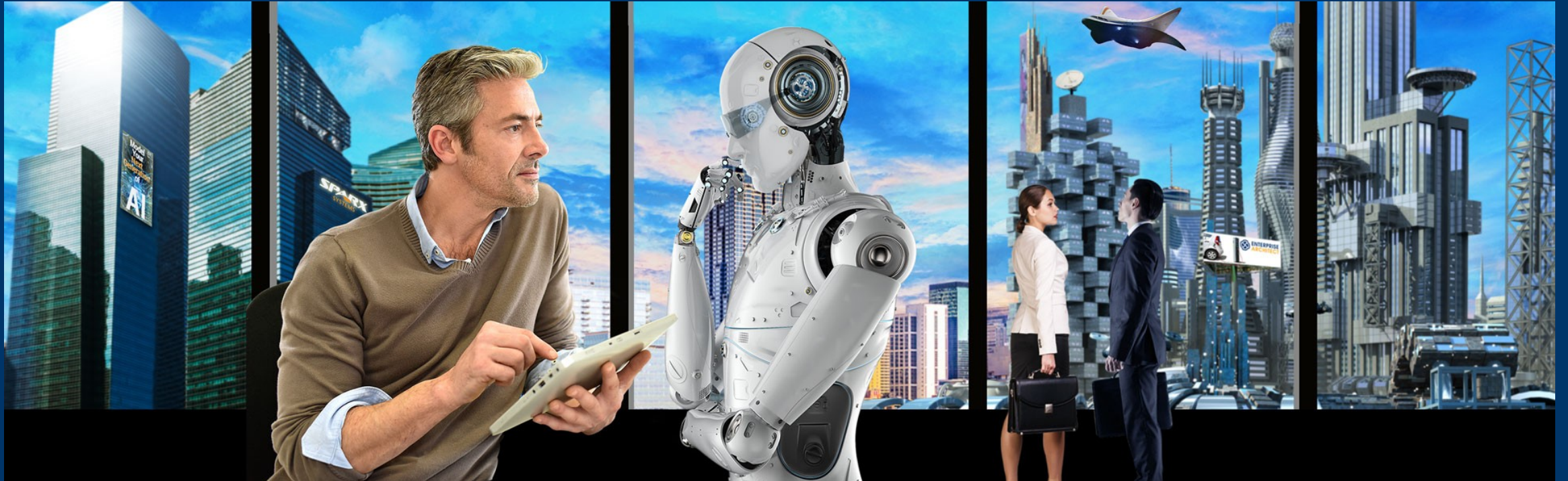
The screenshot displays the Sparx Systems Enterprise Architect interface. The main workspace shows a Requirement Realization diagram with a single requirement element labeled 'Requirement1'. Two dialog boxes are open over the workspace:

- Perspective Sets**: A dialog with tabs for System, Model, Group, and Personal. The 'Group' tab is active, showing a table of perspectives and technologies.
- Modeling Permissions / Restrictions**: A dialog for configuring permissions for a specific technology.

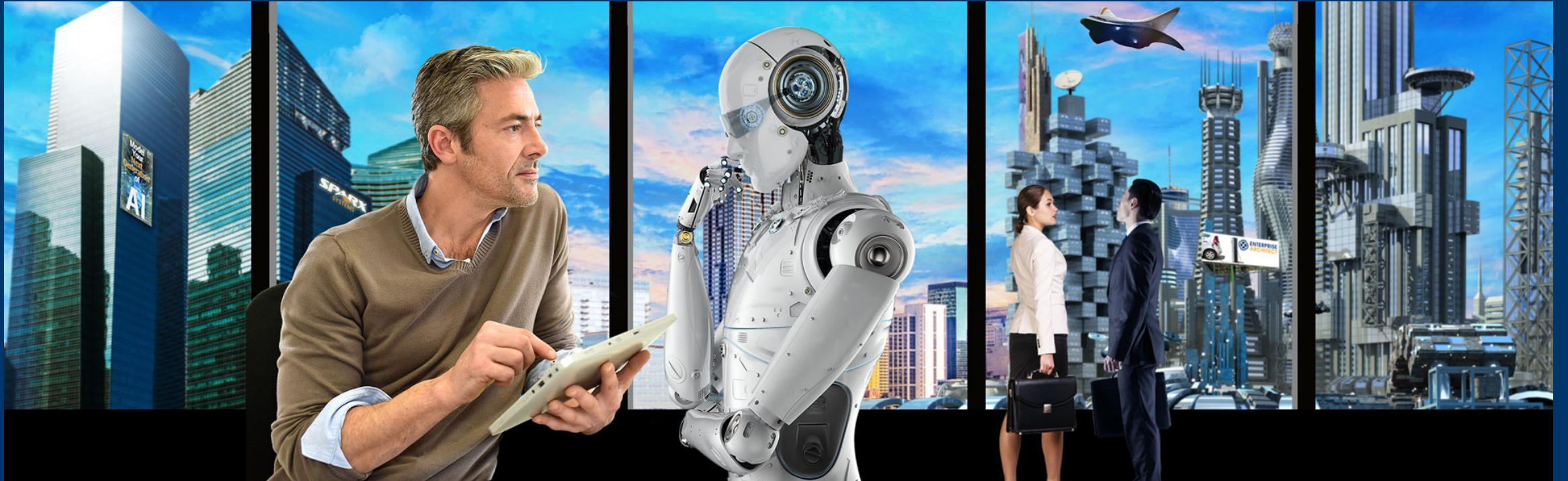
Perspective	Strict
All	
My SysML	Yes
Requirement Realization	Yes

Base Type	Type	Profile
<input checked="" type="checkbox"/> Base Type: Image	Metaclass	UML
<input type="checkbox"/> Image	Metaclass	UML
<input checked="" type="checkbox"/> Base Type: InformationItem	Metaclass	UML
<input type="checkbox"/> InformationItem	Metaclass	UML
<input checked="" type="checkbox"/> Base Type: Issue	Metaclass	UML
<input type="checkbox"/> Issue	Metaclass	UML
<input checked="" type="checkbox"/> Base Type: Note	Metaclass	UML
<input type="checkbox"/> Note	Metaclass	UML
<input checked="" type="checkbox"/> Base Type: Requirement	Metaclass	UML
<input type="checkbox"/> Requirement	Metaclass	UML
<input checked="" type="checkbox"/> Base Type: Text	Metaclass	UML
<input type="checkbox"/> Hyperlink	Metaclass	UML
<input type="checkbox"/> Text	Metaclass	UML
<input checked="" type="checkbox"/> Base Type: UMLBoundary	Metaclass	UML
<input type="checkbox"/> Boundary	Metaclass	UML

Product Demonstration



Technology



Model Based Business Vocabulary

- New Glossary Template to build a model based business vocabulary.
- Post discussions, apply security and access mouse-over tooltips.
- Easily share your business vocabulary.
- Change, nest, categorize, group and remove terms with ease.

Glossary Category

«GlossaryCategory» Plain and Clear

- + Advantage
- + Agenda
- + Benefit
- + Calculate
- + Develop
- + Estimate
- + Incentive
- + Invest
- + Maintain
- + Negotiate
- + Objective
- + Participate
- + Process
- + Schedule
- + Structure
- + Target
- + Thank you

«GlossaryCategory» Vague Words

- + about
- + almost
- + appears
- + approximately
- + bad
- + basically
- + close to
- + considerable
- + could
- + fairly
- + maybe
- + maybe
- + might
- + perhaps
- + pretty
- + should
- + slightly

«GlossaryCategory» Aviation

- + aircraft
- + cabin
- + high-wing
- + landing gear
- + tailwheel

Glossary Entry

«GlossaryEntry»
Agenda

A detailed plan

«GlossaryEntry»
Advantage

A specific benefit or improvement

«GlossaryEntry»
Benefit

A specific, positive outcome

«GlossaryEntry»
Calculate

To do something with numbers, i.e. count, add, subtract, multiply or divide

«GlossaryEntry»
Estimate

Guess how much something will cost or how long something will take

«GlossaryEntry»
Incentive

Provide a reward or offer something at a special price

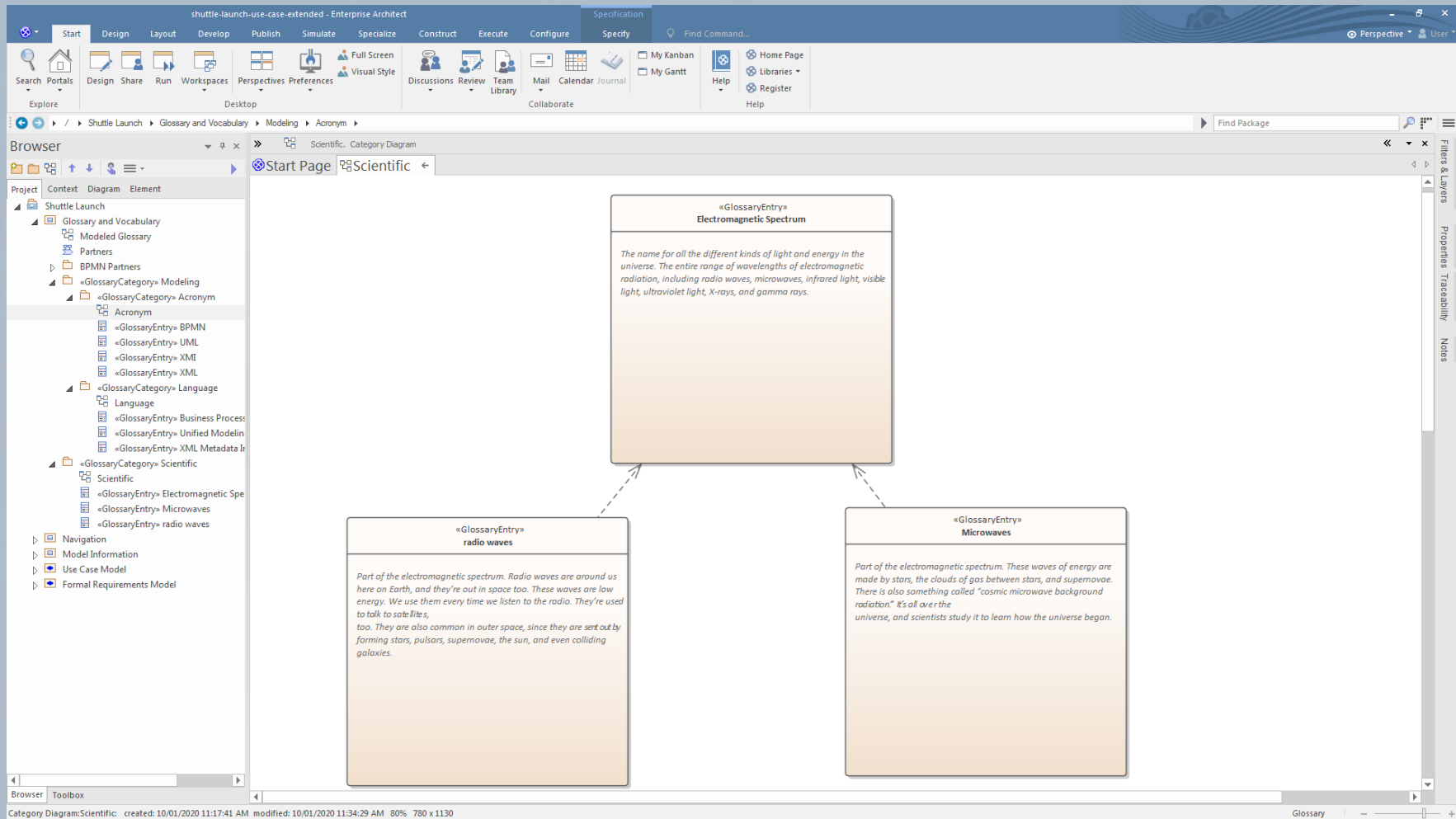
«GlossaryEntry»
Invest

Spend a resource such as time, money, or effort in order to make a future improvement

«GlossaryEntry»
Maintain

To take care of, cover expenses, or keep in a specified state

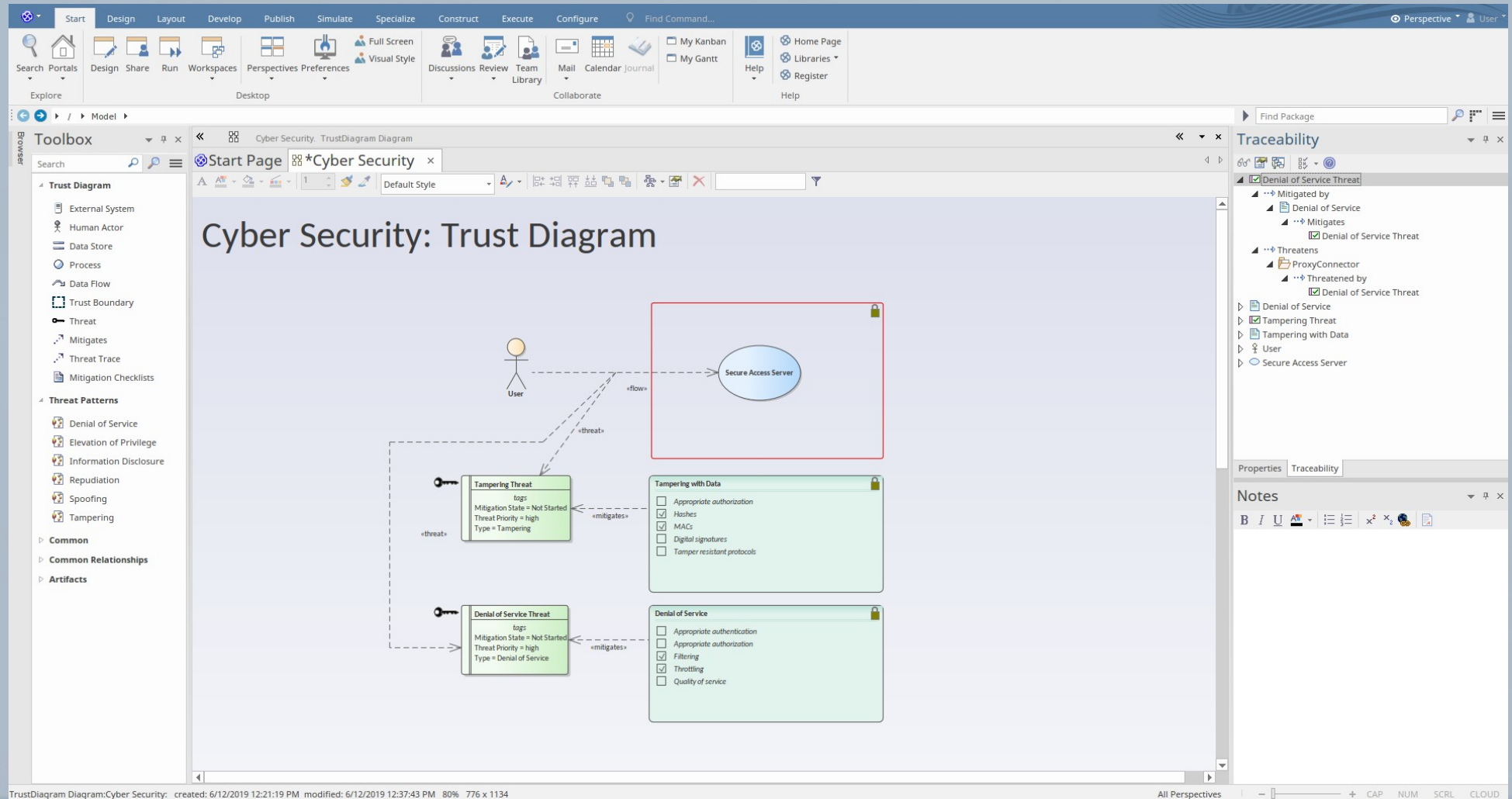
Glossary



Cyber Security Profile

- Identify and mitigate potential threats.
- Perform cyber security threat evaluation based on your Trust diagram.
- Use the built in patterns and check lists to form an action plan.

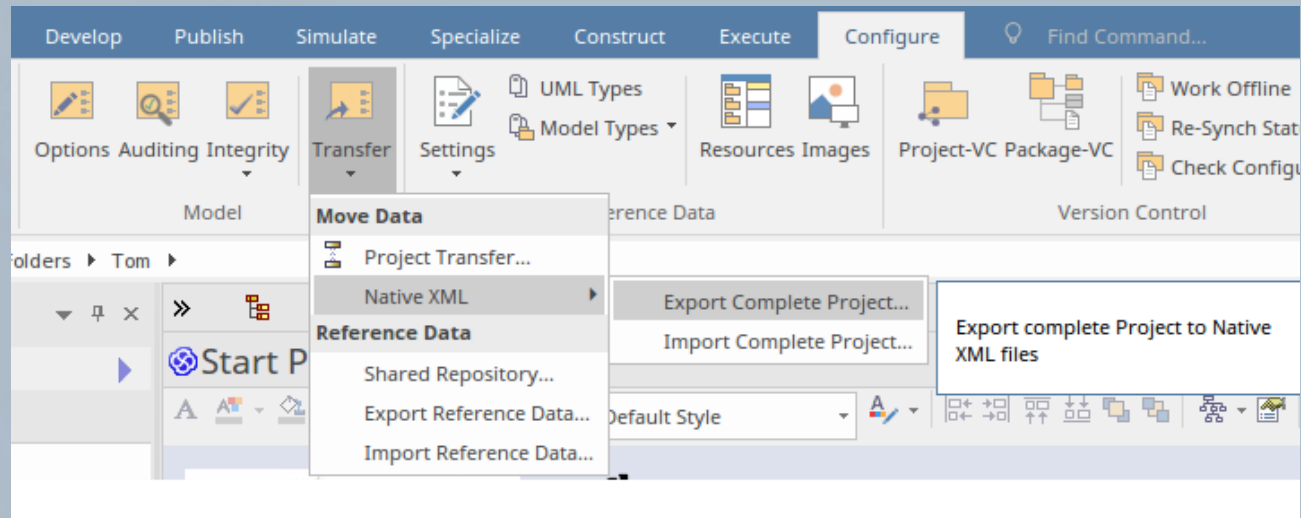
Cyber Security Profile



Backup and Transfer

- Fast model transfer.
- Full transfer including complete model and all reference data.
- Transfer to / from cloud hosted models.
- Supports large models where a single XMI export would be impractical.

Backup & Transfer



Backup & Transfer

The screenshot displays the 'Export Project to Native XML' dialog box with the following details:

- Project:** 15.1demo
- Directory:** C:\users\toreilly\My Documents\Sparx\EAPs\v15 work\Transfer
- Buttons:** Export, Close, Help

Below the dialog, a progress bar window titled 'Exporting Project to Native XML' shows the progress for 'Exporting Table : t_roleconstraint'.

An 'Enterprise Architect' message box indicates 'Project Export Complete!' with an 'OK' button.

The 'System Output' window on the right lists the following table types:

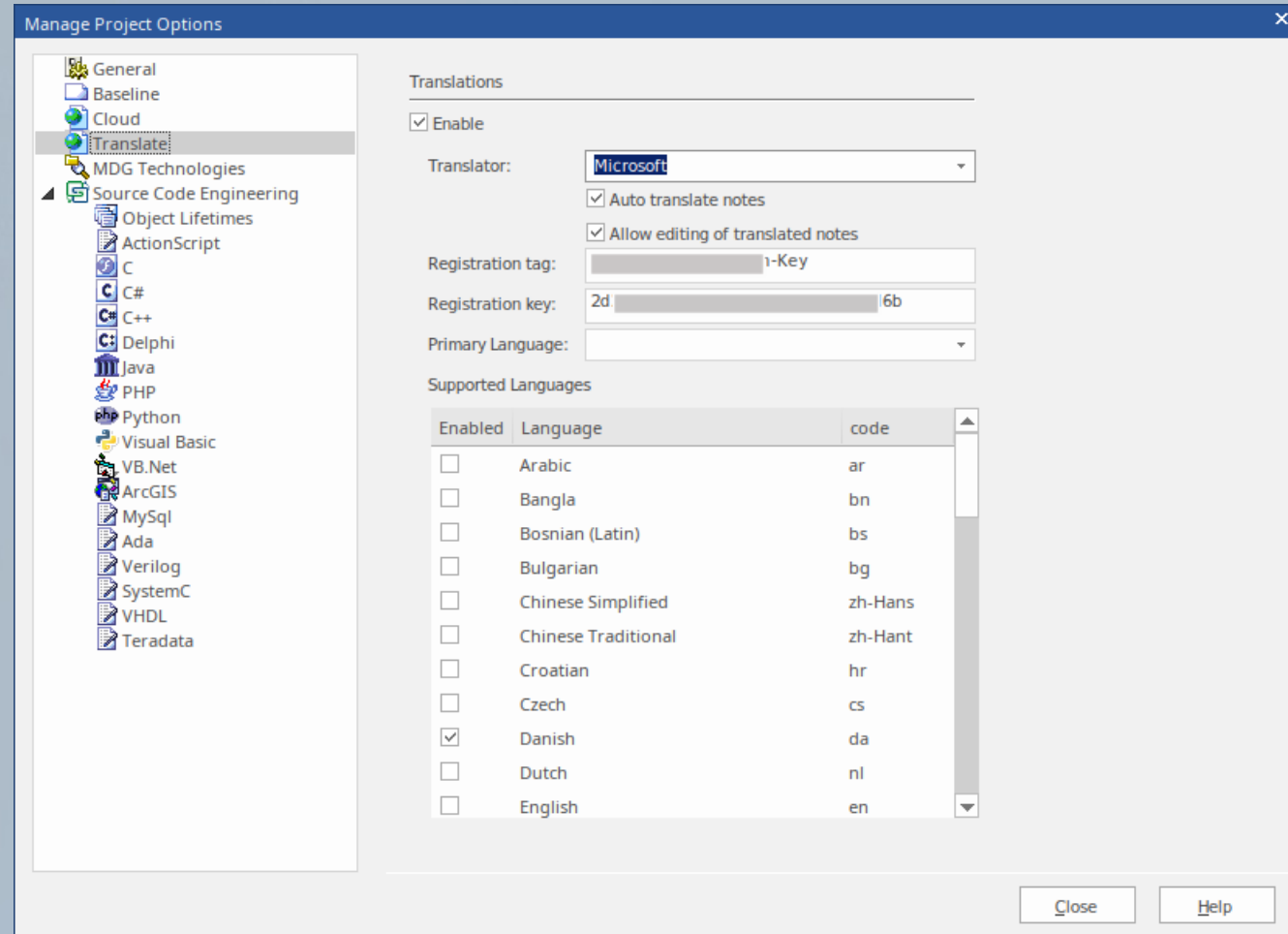
- * t_complexitytypes
- * t_resources
- * t_testtypes
- * t_testclass
- * t_tcf
- * t_stereotypes
- * t_statustypes
- * t_secolicies
- * t_scenariotypes
- * t_rtfreport
- * t_objecttypes
- * t_risktypes
- * t_genopt
- * t_requiretypes
- * t_propertytypes
- * t_projectroles
- * t_problemtypes
- * t_ocf
- * t_metrictypes
- * t_mainttypes
- * t_lists
- * t_roleconstraint

The 'System Output' window also shows 'Project Export Complete!' and 'System Output DMN Expression' at the bottom.

Language Translation

- Translate model information into many different languages.
- Use manual entry or the power of online services from Microsoft Azure and Google Cloud.
- Translation support for Names, Notes, Alias and Documentation generation.

Enable Translation



Translate Notes

The screenshot displays two side-by-side windows from a software application. The left window, titled 'Properties', shows a table of attributes for an element named 'Informal Discussions'. The right window, titled 'Notes', shows a rich text editor with a toolbar and a text area containing several paragraphs of text and a bulleted list.

Element	Translation	Tags
Name	Informal Discussions	
General		
Type	Class	
Stereotype	HelpSystem::HelpTopic	
Alias	element_discussions	
Keywords	Informal discussion, real time, discussions, discussion points...	
Status	Proposed	
Version	1.0	
«HelpTopic» (from HelpSystem)		
ImageRef		
ImageLink		
Class		
Project		

Notes

Local Translation

B I U x^2 x_2

Using the 'Discuss' tab of the dockable Collaborate window, you can select an individual element or diagram and develop an informal discussion that is directly associated with that object. This makes it easy to locate, view and contribute to a discussion, or more than one discussion, on the selected object.

You can participate in discussions on different elements and diagrams simply by clicking on each object in turn; the Collaborate window immediately switches to the discussion of the new selected object, identified by name underneath the window option bar.

As a discussion develops, the number of responses is shown below the original post; therefore you can see when a discussion has a new reply without having to expand and work through the thread. You can apply a priority and status to a discussion, which helps you to indicate the importance of the discussion and to resolve and close off the points raised in the discussion so that they do not continue indefinitely. You can also delete the whole posting or specific replies, to balance retaining discussion history with removing irrelevant information.

Three further facilities of the Collaborate window are the:

- 'Review' tab, which you use to attach formal discussions on one or more elements and/or diagrams to a review session, encapsulated in a Review element; see the *Formal Review Elements* Help topic
- 'Chat' tab and text box, which you can use to follow and participate in quick conversations on a point of interest, not necessarily connected with the selected element; see the *Model Chat* Help topic
- 'Journal' tab, on which you jot down any notes, comments, reminders or references that you want to write down during the day; see the *Introducing the Journal* Help topic

The discussion comments pertinent to an element can be displayed in that element on a diagram, in the 'Discussion' compartment of the element.

Translate Notes

The image shows two windows from a software application. The 'Properties' window on the left has a 'Translation' tab selected, showing a table for 'Name' and 'Alias' with columns for 'French' and 'Danish'. The 'Notes' window on the right has a 'Translation' tab selected, showing a text editor with a 'Language' dropdown set to 'French'. A context menu is open over the text editor, showing options: 'Verify Translation', 'Force Translation', and 'Auto Translate'. The text in the 'Notes' window discusses the 'Discuter' tab and provides instructions on how to use it for formal reviews, chat, and journaling.

Name	
French	Discussions informelles
Danish	

Alias	
French	element_discussions
Danish	

Local Translation

Language: French

- ✓ Verify Translation
- Force Translation
- ✓ Auto Translate

À l'aide de l'onglet « Discuter » de la fenêtre Collaborate à quai, vous pouvez créer un diagramme individuel et développer une discussion informelle directement sur le diagramme de localiser, de visualiser et de contribuer à une discussion, ou à plus d'une discussion, sur l'objet sélectionné. Vous pouvez participer à des discussions sur différents éléments et diagrammes simplement en cliquant sur chaque objet à son tour; la fenêtre Collaborate passe immédiatement à la discussion du nouvel objet sélectionné, identifié par son nom sous la barre d'option de fenêtre. Au fur et à mesure qu'une discussion se développe, le nombre de réponses est indiqué ci-dessous le message original; par conséquent, vous pouvez voir quand une discussion a une nouvelle réponse sans avoir à élargir et à travailler à travers le fil. Vous pouvez appliquer une priorité et un statut à une discussion, ce qui vous aide à indiquer l'importance de la discussion et à résoudre et fermer les points soulevés dans la discussion afin qu'ils ne se poursuivent pas indéfiniment. Vous pouvez également supprimer l'ensemble de l'affichage ou des réponses spécifiques, pour équilibrer la conservation de l'historique de discussion avec la suppression des informations non pertinentes. Trois autres installations de la fenêtre Collaborate sont les :

- onglet «Revue», que vous utilisez pour joindre des discussions formelles sur un ou plusieurs éléments et/ou diagrammes à une séance de revue, encapsulé dans un élément Revue; voir le sujet *Formal Revue Elements Help*
- Onglet 'Chat' et boîte de texte, que vous pouvez utiliser pour suivre et participer à des conversations rapides sur un point d'intérêt, pas nécessairement lié à l'élément sélectionné; voir le sujet D'aide au *chat modèle*
- onglet 'Journal', sur lequel vous notez toutes les notes, commentaires, rappels ou références que vous souhaitez écrire pendant la journée; voir le sujet *Présentation de l'aide journal*

Les commentaires de discussion pertinents à un élément peuvent être affichés dans cet élément sur un diagramme, dans le compartiment «Discussion» de l'élément.

Translate

