

# BowTieXP 4.2

## major new features

BowTieXP 4.2 has now arrived and it is promising to reinvent the way you make and view BowTies. The new Scrapbook and Paste Special functionality introduces a radical change in the way BowTies are made while the Multiple Display options are the answer to a popular request to display more than one type of extra information on the BowTie.

We hope you enjoy this new release and look forward to hearing stories about your experiences with BowTieXP 4.2

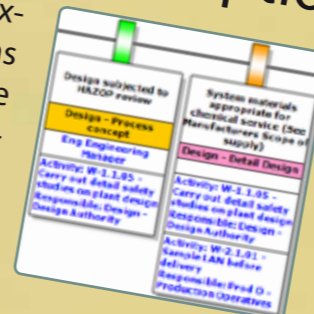
### Scrapbook

Create a BowTie scrapbook with your Control Register, Hazard Register, Threat Libraries and other BowTie diagram elements.



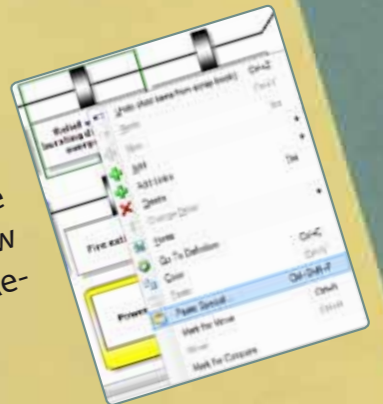
### Multiple Display options

Display as much extra information as you want with the new Multiple Display options.



### Paste Special

Paste has become smart with the new Paste Special and Repeat Paste Special.



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# Scrapbook Advanced edition

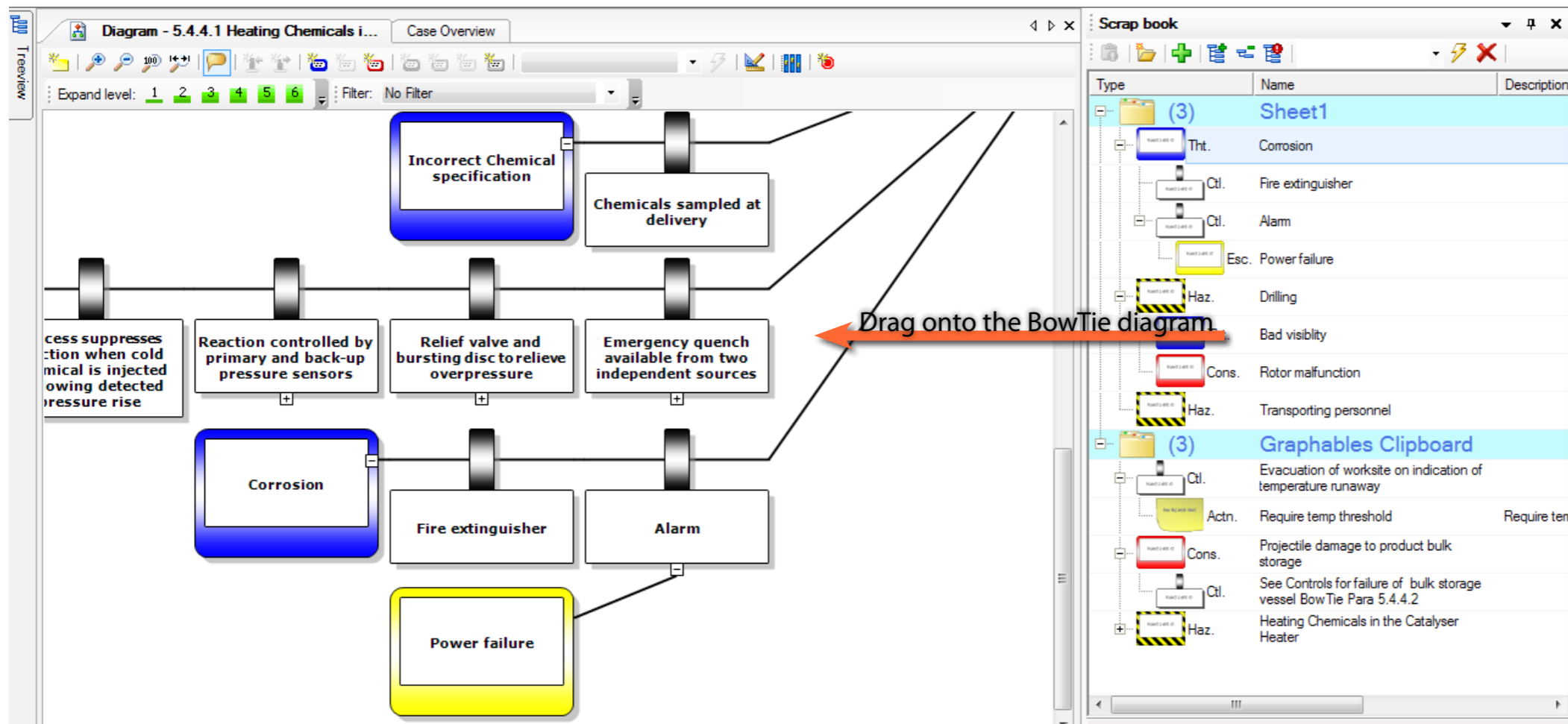
The scrapbook delivers new functionality that allows BowTie items to be collected for quickly building or expanding a BowTie. From single Controls to complete Threat strings and even Hazards. Pieces of BowTie can be dragged to quickly create a new diagram.

The information is gathered from a variety of places, such as Excel or manual input. From there it can be saved in the newly constructed .BTS file format, in order to build BowTie registers.

## BowTie Libraries

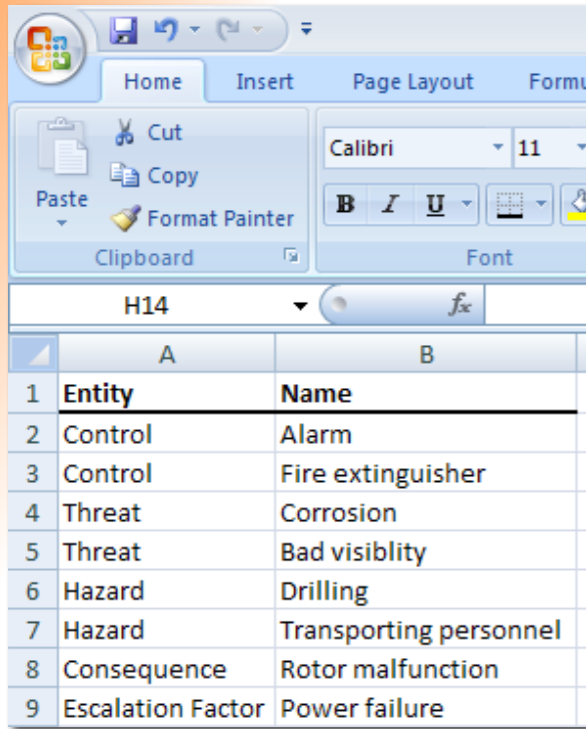
The scrapbook can be used to build libraries filled with BowTie knowledge. These libraries can be part of a BowTie template and loaded each time BowTieXP is started. Organisational learning has never been this consistent. BowTie building has never been this quick.

**Drag to create** To make BowTies with the Scrapbook, simply drag and drop anything on the diagram in its appropriate place.



# Excel import

To import from Excel, make a file such as the one below



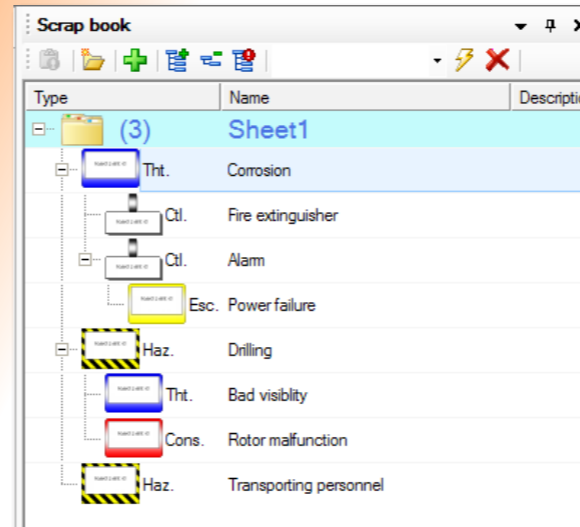
	Entity	Name
1	Control	Alarm
2	Control	Fire extinguisher
3	Threat	Corrosion
4	Threat	Bad visibility
5	Hazard	Drilling
6	Hazard	Transporting personnel
7	Consequence	Rotor malfunction
8	Escalation Factor	Power failure



Then simply drag the file into the scrapbook, where it is automatically converted into BowTie shapes.

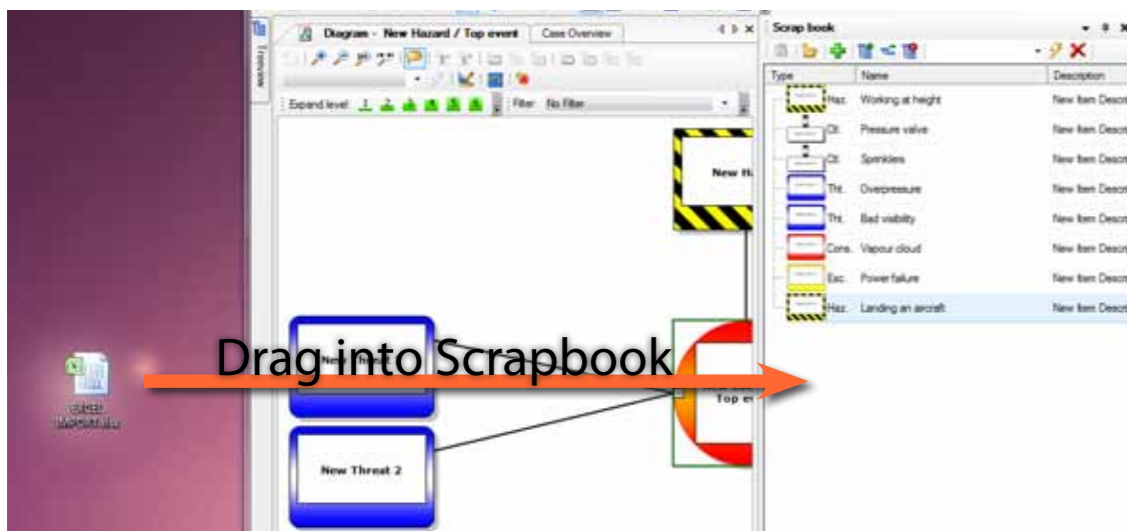
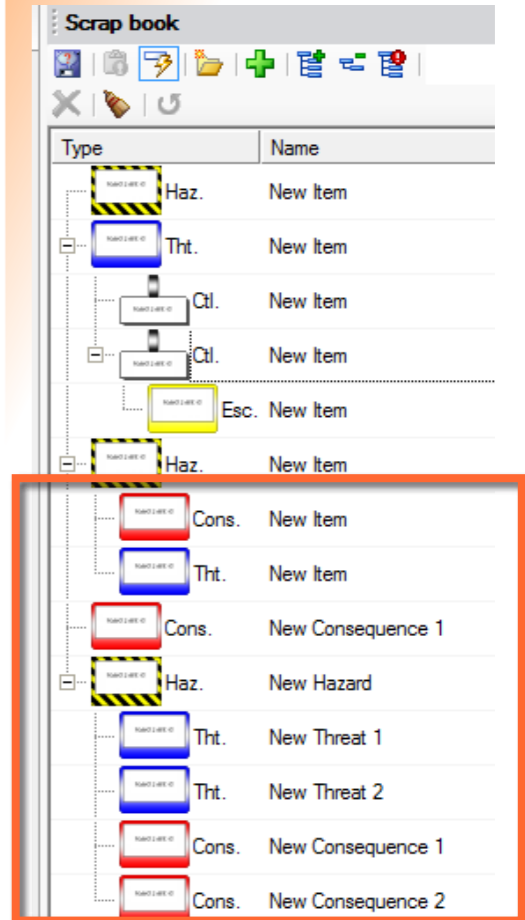
# Hierarchy

Inside the Scrapbook elements are ordered hierarchically to form bigger chunks of a BowTie



# Add manually

Anything can be dragged from the BowTie to the Scrapbook, making it really easy to reuse parts of your BowTie.





## The BowTieXP Scrapbook

Any analyst that has constructed large and complex BowTie models within the BowTieXP software tool knows that it is a challenge to manage the large and often repetitive amount of data which is spread throughout the different BowTie models in the case file.

In the past, if you wanted to copy or move data, considerable time could be wasted in switching between the BowTie models and navigating through very large hierarchical data structures. Worse, you could get confused or lost in the process.

This challenge is especially true for editing controls. Controls regularly need to be repeatedly added and maintained within many different BowTie models in the case file. These controls have a lot of meta-data associated with them such as their name, the responsible party and the control type, but also more importantly they can have linked meta-data such as document links and activities.

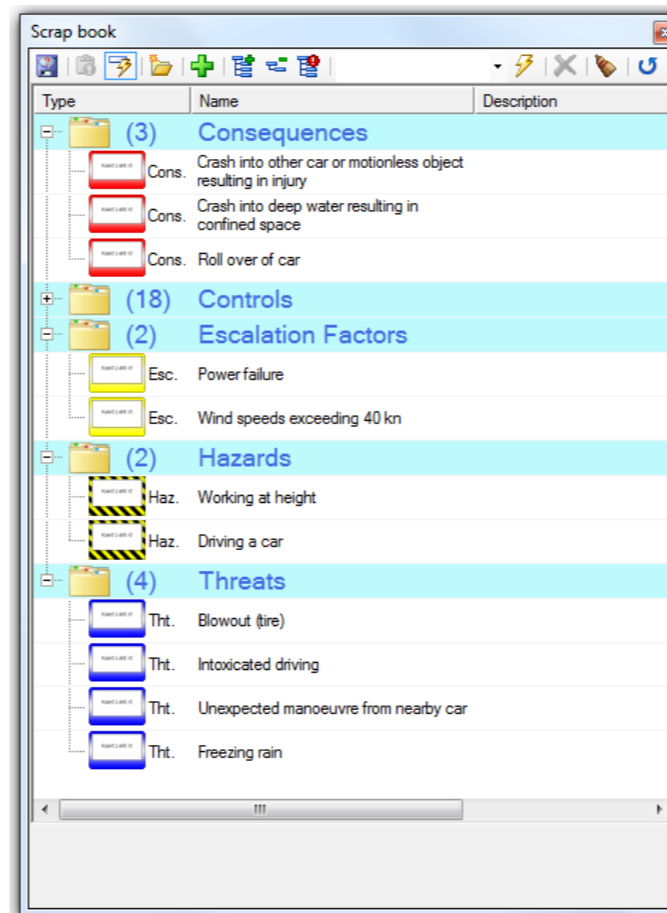
The new BowTieXP "scrapbook" feature has been designed to meet this challenge and provide a powerful and easy to use interface which will assist the risk analyst in developing and maintaining large and complex BowTie analysis in a consistent way.

Now you can simply drag the items you want to place somewhere else into the scrapbook window, navigate to the other BowTies and then just drag-and-drop the element to the required location.

## Loading the scrapbook data

The scrapbook data is contained in a new file with a .bts extension. This means that none of the scrapbook data is contained within the current .btf case file. Analysts will therefore be able to develop and use a common and personalised scrapbook across all of the BowTie case files that they are managing. Analysts will also be able to create different scrapbook libraries for different types of industries which are being analysed. This new scrapbook file is automatically saved and its data available across BowTie editing sessions.

The scrapbook allows you to create, edit and even convert a wide range of data types such as Hazards, Threats, Consequences, Escalation Factors, Actions, Activities and more. You can even add an unknown data type to the scrapbook until you know exactly where in the BowTie model that the currently unknown issue fits.



## What can the scrapbook do for me?

The scrapbook introduces a revolution in the way that you develop BowTie models within BowTieXP. Editing will now be faster, more consistent and less confusing. Some of the important new editing activities which are provided by the new scrapbook feature are:

- Rapid list based proto-typing of BowTie models.
- A temporary placeholder for potential elements identified during brainstorming.
- Quick and easy duplication and linking of common BowTie elements.
- Constructing a standard library of BowTie elements for repeated use.
- Converting BowTie elements to different types for restructuring current models.

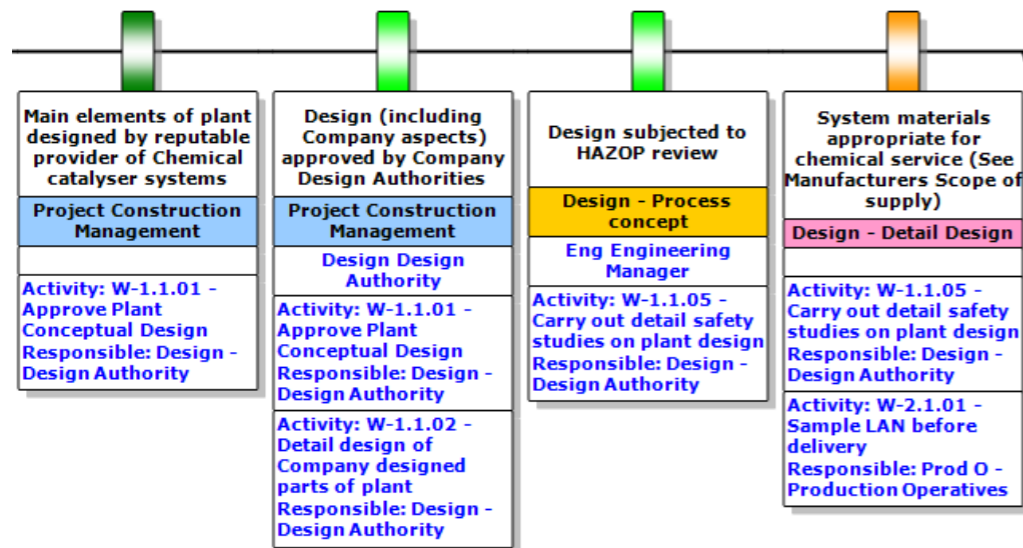
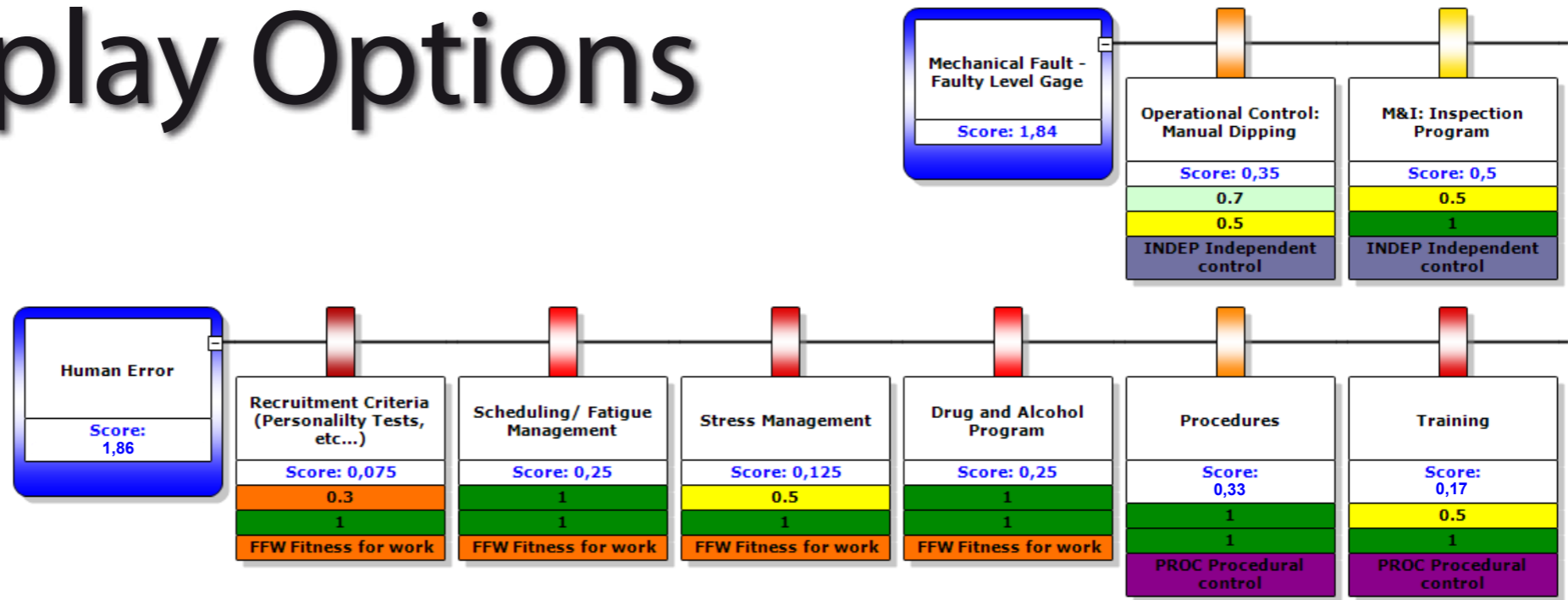
Like any new feature that is added to a rich software package like BowTieXP, it is certain that BowTie analysts will discover new and innovative ways to use this new feature other than those listed here. The new editing options provided by the scrapbook feature will definitely transform the way that analysts use the BowTieXP software for the better.

Phil McKenzie  
Principal Consultant - Risk

# New Display Options

It is now possible to display as much information on the Diagram as you want. Multiple types of extra information can be stacked to get more information into a single BowTie picture.

Once this new feature was developed, together with the ability to output quantitative data on the BowTie diagram, we realized the need for a simple way to set Diagram display profiles. These allow you to save display settings and quickly change between profiles. Display profiles will be available in BowTieXP Advanced.



## Advanced edition

# Diagram display profile

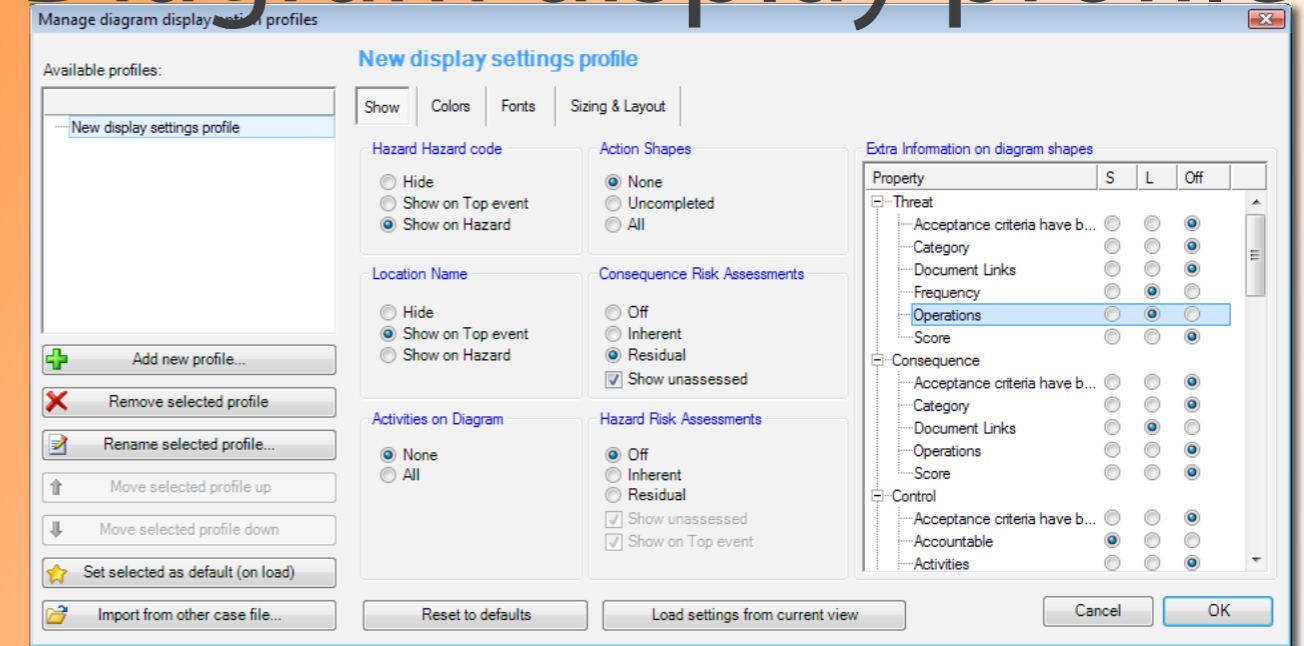
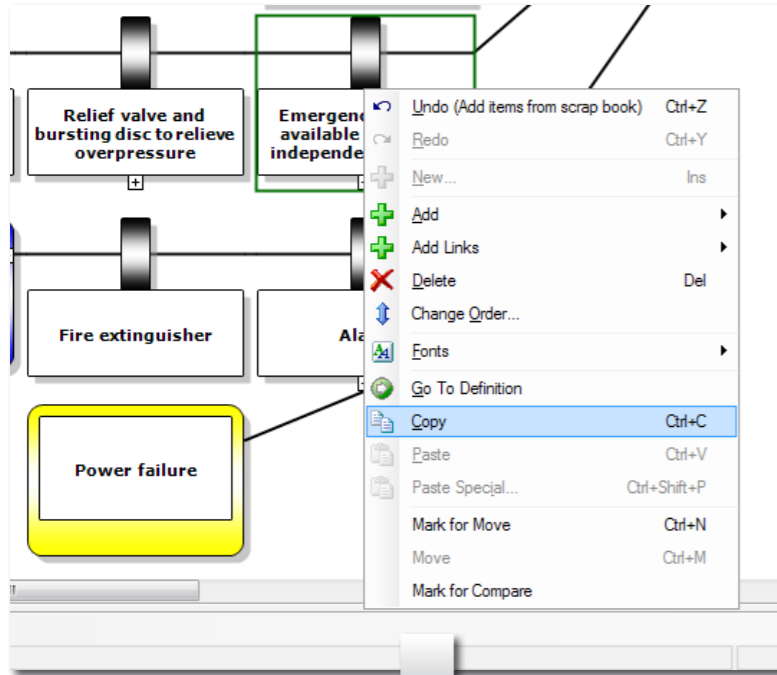
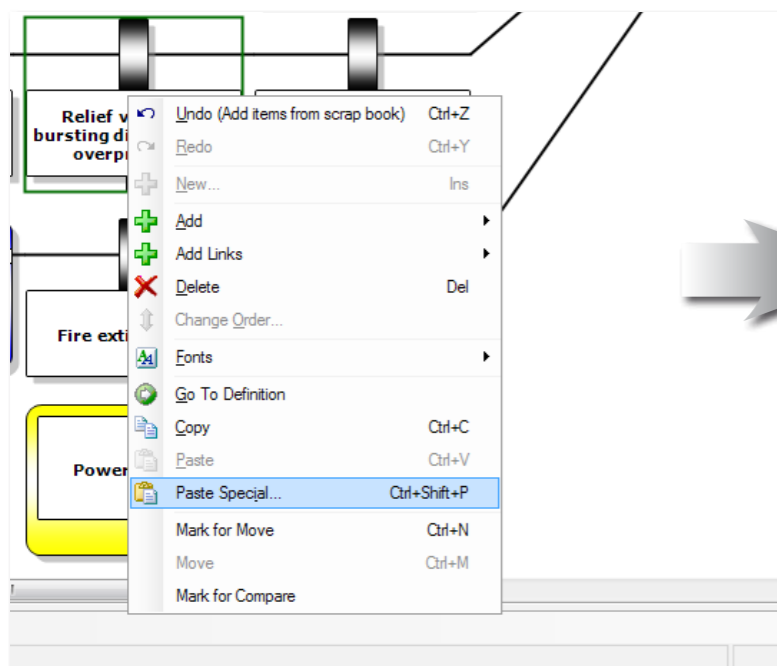


Diagram display profiles can now be saved and used to quickly change the layout of the BowTie diagram.

# Paste Special



Copy and Paste has now got extra power with the new Paste Special functionality. As an example, this allows you to copy a Control, and then paste only specific attributes from that Control to one or more Controls. Like a paintbrush function, you could paste, say, only the Activities, Accountability and Type attributes in a single click to one or many Controls.



## New features overview

	Standard	Advanced
Paste special	•	•
Multiple display options	•	•
Scrapbook		•
Diagram display profiles		•

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## Want to try BowTieXP 4.2 yourself?

Send an e-mail to [support@governors.nl](mailto:support@governors.nl) and request a demo today.

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