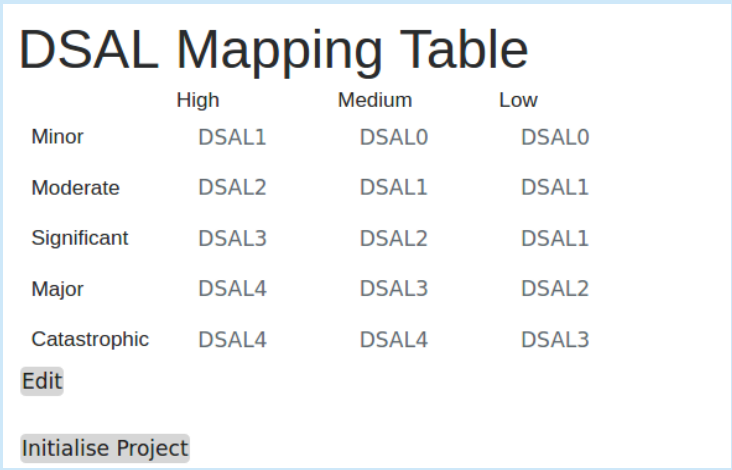
# RADISH - Risk Assessor for Data Integrity and Safety Hazards

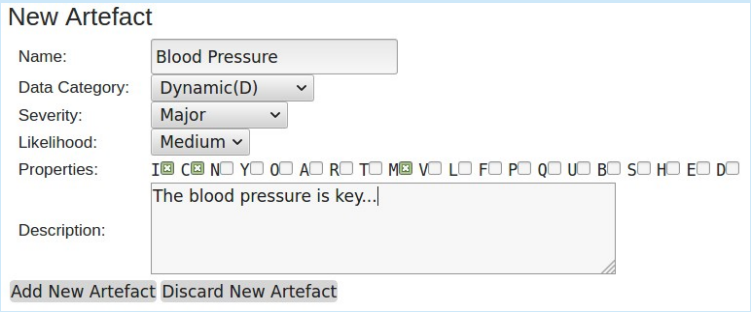
Errors in, or inappropriate use of data, can lead to accidents and incidents in safety-related systems. Mission Critical Applications have developed a demonstrator software tool, to manage the data risks of a system. The demonstrator conforms to current best practice, as described in the "Data Safety Guidance" (scsc.uk/scsc-127I), published by the Safety Critical Systems Club.
We invite you to trial the demonstrator for managing and assuring the data safety of your systems.

## Features of RADISH

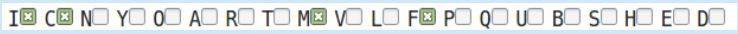
RADISH is a web-based application for managing safety information about the data assets of a project. It records the risks from data, and suggests appropriate mitigation techniques to improve the trustworthy use of the data. The analysis is recorded with justifications, thus providing the evidence for producing a Data Safety Case.




**Custom Data Safety Assurance Levels (DSAL)**

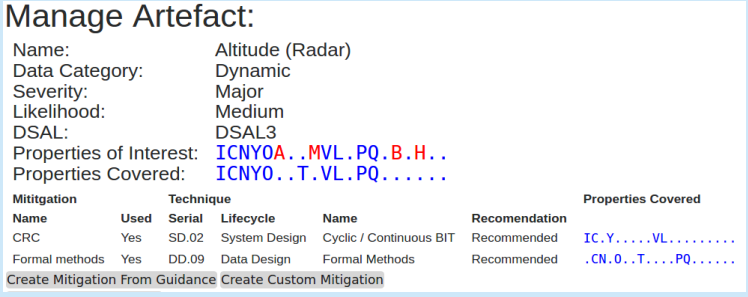



**Data Artefacts, Categories, and associated Risks**

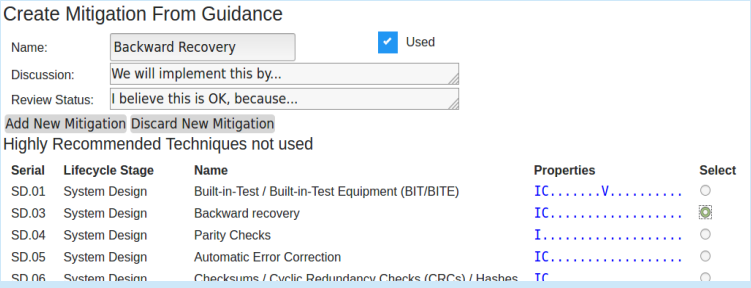



**Properties of interest for each Data Artefact**


**Calculated DSAL for a Data Risk**




**Techniques used, and Properties "covered"**




**Selection of a Technique from a filtered list**

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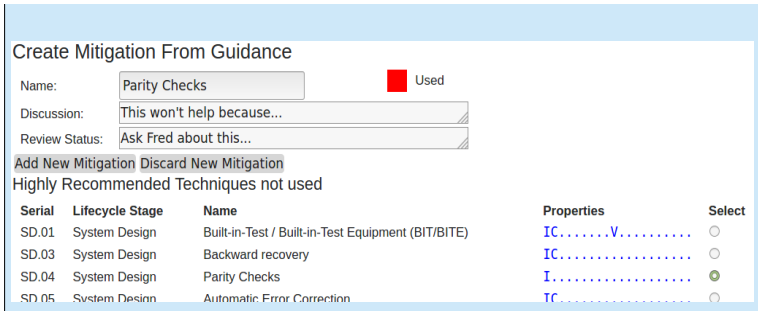
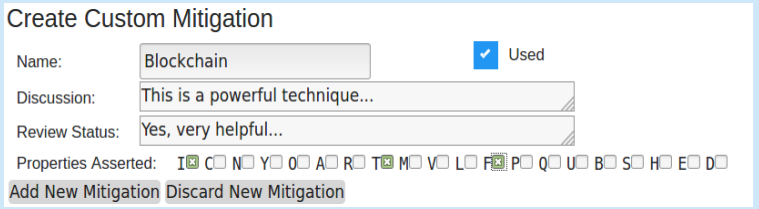
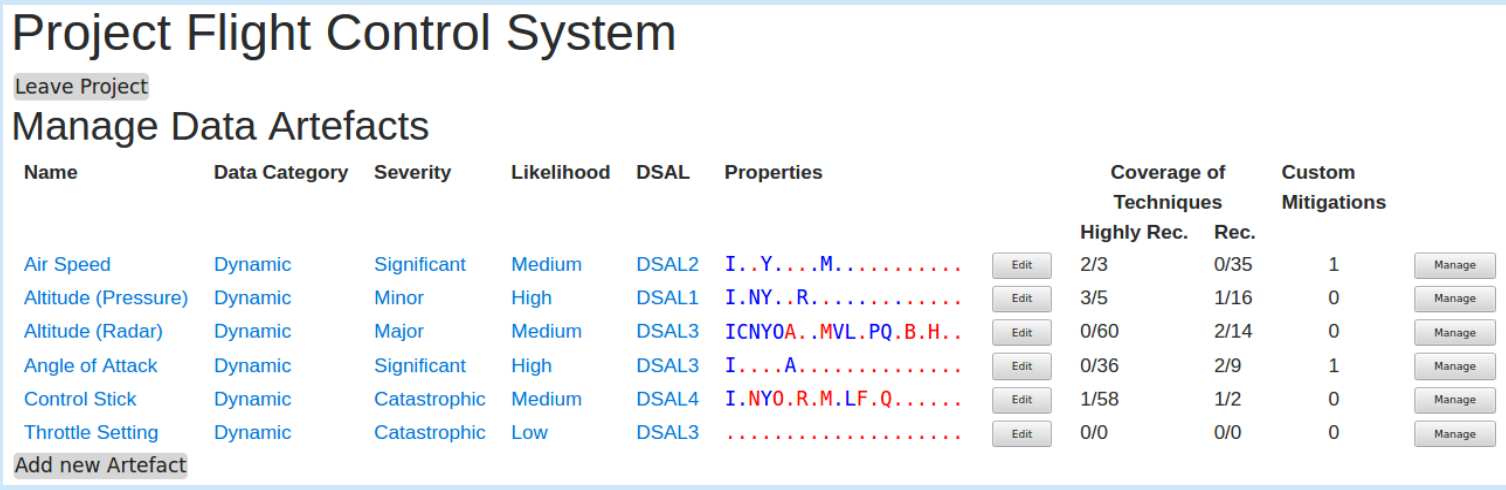


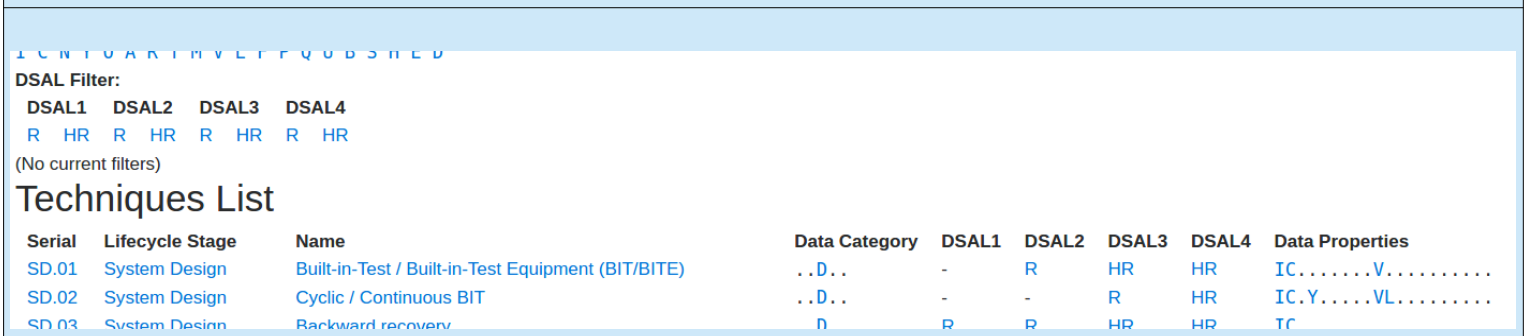

**Decision *not* to use a Recommended Technique**




**Custom or Domain-specific Technique**




**Dashboard of Project Data Risks**

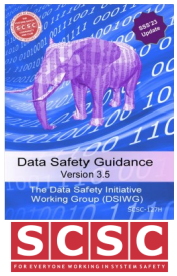



**Browsing and Filtering of Mitigation Techniques from Guidance**

Future developments include domain-specific customisation, multiple risks for data artefacts, and much more!

**Would you like to find out how to manage your data risks using our demonstrator tool?**

**Contact us at data-safety@mca-ltd.com**




This work was supported by the Lloyds Register Foundation, and Innovate UK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