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| A group of logos on a white background  Description automatically generated  Delphi Study Dataset  Software Risks  for Critical National Infrastructure towards 2040  Cecilia Loureiro-Koechlin and Charles Weir of Lancaster University, Louise Dennis of University of Manchester  28 February 2025 (version 1.1)  *Copyright © 2025 Lancaster University, University of Manchester* |

## Using this Dataset

This dataset comprises sanitized versions of data created in the Interlinked Project, as created by researchers from Lancaster University and the University of Manchester. See <https://lancaster.ac.uk/interlinked> for more information about the project.

Much of the data references the Round 1 report, which can be accessed at <https://doi.org/10.5281/zenodo.13255281>. The final report generated from the study can be accessed at <https://doi.org/10.5281/zenodo.13898513> .

The dataset contains the following, in approximately chronological order:

Table 1: Files in the Dataset

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| Filename | Round | Format | Description |
| *Round 1 Thematic Coding.docx* | 1 | Microsoft Word | Extracts from transcripts for each identified code by both coders, ordered by participant ID. |
| *Round 1 Thematic Diagram.pdf* | 1 | PDF | Image of online whiteboard session used to create the themes for the Round 1 report. |
| *Round 2 Online Survey.docx, Round 2 Online Survey.qsf* | 2 | Microsoft Word, Qualtrics Survey | Full details of online survey, with questions and response codes. |
| *Round 2 Online Survey Results.xlsx* | 2 | Microsoft Excel | Results from the online survey with level of agreement for each statement, and ranking of risks and mitigation approaches |
| *Round 2 Online Survey Agreement Summaries* | 2 | JPEG and XLSX | Summarised diagrams and spreadsheets from the Online Survey results. |
| *Round 2 Raw NVivo Coded Text and Survey Results.docx* | 2 | Microsoft Word | Compiled survey results and comments for each Round 1 statement, with researcher annotations. |
| *Round 2 Summaries and Agreement Numbers.docx* | 2 | Microsoft Word | Summarised versions of above. |
| *Round 2 Marked Up Summaries With Revised Statement Text.docx* | 2 | Microsoft Word | Same, with highlighting for linked comments and the revised text for the final report. |
| *Diagrams from Workshop* | Workshop | JPEG files | Images of three diagrams created in a workshop exercise. |

## Notes

*Round 2 Online Survey Results.xlsx:* This has been processed to omit identifying data. Also, the prioritisation questions were added after the first 6 participants, and a further survey done to collect the information from those participants; this is a composite of the results of both surveys.

*Round 2 Raw NVivo Coded Text and Survey Results.docx* was generated as an export from NVivo. Participant P14 submitted comments on a document; there were also shared images. These were incorporated manually into NVivo beforehand. Highlighting and comments are manually added.

*Round 1 Thematic Coding.docx* and *Round 2 Raw NVivo Coded Text and Survey Results.docx* were both processed manually to remove identifying information such as colleague’s names.

*Round 2 Summaries and Agreement Numbers.docx, Round 2 Marked Up Summaries with Revised Statement Text.docx:* These were created manually from the above two files.

In *Round 2 Online Survey Agreement Summaries*, the JPEG images are exported from Qualtrics; the XLSX files were generated manually from the data in *Round 2 Online Survey Results.xlsx.*

## Acknowledgement

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