

SMIS Vision Newsletter no. 1

RSSB, on behalf of the Industry, is initiating a major programme over the next two years to upgrade and enhance the industry's Safety Management Information System (SMIS). This programme will be known as **SMIS Vision**.

This newsletter, designed for the Industry's SMIS personnel and other interested parties, aims to:

- State the reasons why there is a need for a SMIS Vision.
- Explain what SMIS Vision is.
- Provide an example of how SMIS Vision could look.
- Provide an overview of what needs to happen to deliver SMIS Vision.
- Explain Industry's involvement and commitment to the programme.

Why SMIS Vision?

One of the main drivers for SMIS Vision is the need to replace the current hosting infrastructure, which is over five years old and is now reaching the end of its life. There is also a requirement to ensure that data extraction queries run by SMIS users do not impact data entry performance (a known issue that currently impacts the performance of SMIS). This project will be known as SMIS 8 and is planned to be implemented by the end of this year.

In addition, there is a real determination within the industry to improve SMIS further. Resulting from a **recent SMIS Vision Workshop**, attended by key stakeholders, there are now a number of high-level requirements that will need to be delivered over the next few years.

What is SMIS Vision?

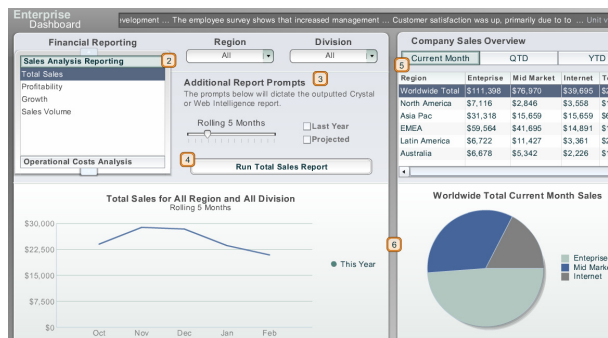
The final deliverable of SMIS Vision is to provide the Industry with all **validated** safety data from **one** source. This includes:

- Risk data.
- RSSB's Annual Safety Performance Report (ASPR) and Special Topic Reports.
- Predictive trends and precursor data.

- Key Performance Indicators and periodical data.
- The ability for safety managers to be alerted automatically when safety trends are exceeded.
- SMIS common, customised and ad-hoc reports.
- Normalised data.
- GPS Maps.
- Executive reporting in the form of 'dashboards'.
- The ability to view and compare current and historical data.
- Learning from Accidents data.

How SMIS Vision could look

The illustration below provides an example of how the industry will be able to view, query and extract all **validated** safety data from **one** source by using just one or two clicks of the mouse:



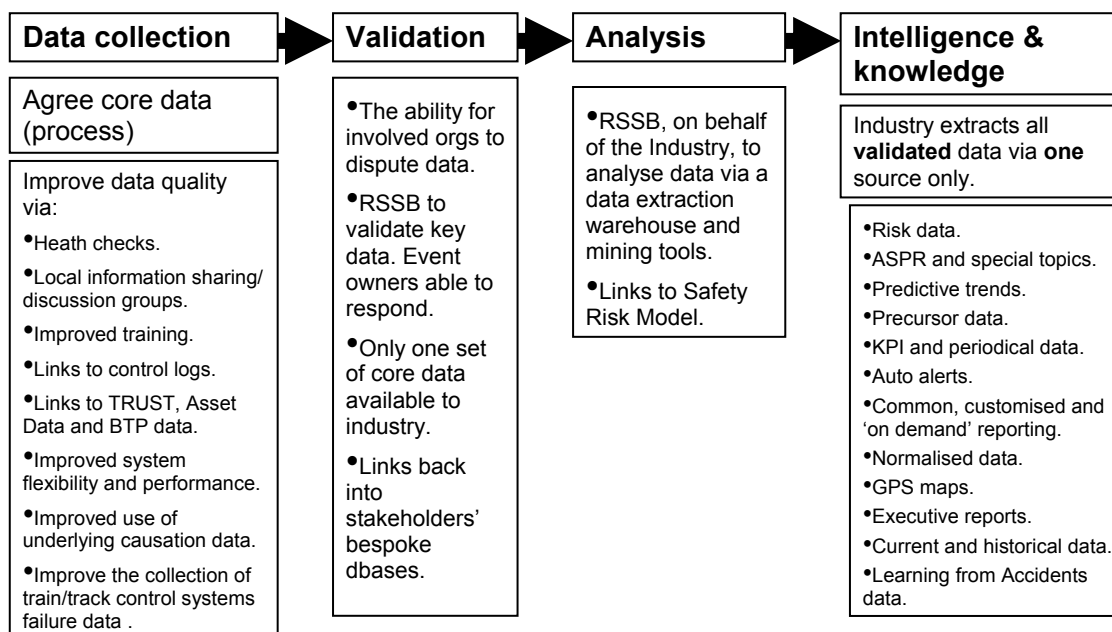
What needs to happen to deliver SMIS Vision?

To be able to provide validated safety data from one source, a number of improvements need to be made to the current SMIS application and its related business processes. These include:

- Improving the **flexibility** and **performance** of SMIS, specifically for data entry inputs.
- Agreeing with the industry what the **core** and **optional** (company-specific) **data** requirements are for collecting and recording safety-related data.
- Improving the **quality** of **data** being entered into SMIS.

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- Ensuring that key data is **validated** and only available from **one** source.



Industry's involvement and Commitments to assist RSSB in delivering SMIS Vision.

To enable SMIS to become a tool that provides the industry with the ability to view all validated data from one source, the Industry's SMIS personnel will be heavily involved in all phases of the programme. Thus:

- Senior SMIS users and SMIS data entry personnel representing all sectors of the Industry will be invited to attend the SMIS Vision Scoping Workshops. The purpose of these workshops is to discuss and prioritise the high-level requirements that have been gathered to date. They will take place during March and April this year.
- Senior SMIS users representing all sectors of the Industry will be invited to attend the SMIS Data Requirements Scoping Workshops. The purpose of these workshops, which will take place from April to August, is to discuss and propose what data:

- The Industry must collect to meet its core data requirements.

The illustration below gives an overview of the improvements that need to be **considered** to enable SMIS Vision to be delivered.

- What data the various Industry sectors require over and above the core data to meet their specific requirements.

- Senior SMIS users and SMIS data entry personnel representing all sectors of the Industry will be invited to attend the SMIS Vision User Interface Workshops. The purpose of these workshops is to discuss and agree the changes to the SMIS screens and functionality that will be included in the SMIS Vision System Definition. These are expected to take place during autumn this year.
- All SMIS users will be invited to attend the user testing phases for SMIS 8 and SMIS Vision. Further details regarding when this testing will take place will be issued later in the year.

For further information on SMIS 8 and SMIS Vision, please contact Jeff Brewer, SMIS Vision Project Manager (jeff.brewer@rssb.co.uk).