

SMIS Vision (SMIS 9) – Demonstration for Rail Personal Security Group

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- The ability for Industry to analyse and extract **consistency checked** safety data from **one** source:
 - To include
 - Ad hoc reporting (SMIS 9)
 - Executive Reports 'dashboards' (SMIS 9)
 - Normalised data.
 - Risk/precursor data.
 - Special topics/Annual Safety Performance Report/Learning from Operational Experience data.
 - Improved Human factors data
 - GIS mapping
 - Auto alerts

What needs to happen to deliver SMIS Vision



SMIS Vision – Will be phased

SMIS 8 (Hosting/data warehouse and performance improvements (Jan 09))

Data collection

Agree core data (process)

Improve data quality via

- Heath checks.
- Improved training.
- Data entry productivity**
- Improved use of Underlying causation module/RSSB HF dbase.
- Store pictures, video clips, reports etc. linked to an event
- Tool tips.
- Improve the collection of train/track control systems failure data (SMIS 8.1).
- Improved asset data.
- Workflow & the ability to record organisational specific data

Validation

- RSSB to consistency check the data. Event owners able to respond.
- Only one set of core data available to industry.

Analyse

- RSSB to analyse data via a data extraction warehouse and mining tools.
- Links to Safety Risk Model and other RSSB data sources.
- Dedicated team to meet Industry's data extraction requirements.

Intelligence & knowledge

Industry extracts consistency checked data via one source only.

- Risk, precursor and LOE data.
- New ad hoc application.**
- KPI and periodical reporting.
- Executive reports 'dashboards'**
- Normalised data.
- GIS maps
- Auto alerts.
- ASPR

- To provide a solution that:
 - Allows safety analysts to extract safety data and produce professional looking reports.
 - Provides managers & directors with the ability to easily and quickly view safety incident data at the click of a button.
- Solutions implemented:
 - Business Objects Web Intelligence
 - Xcelisus (dashboards)
- We hope to see a step change in how the industry analyses and extracts safety data.

- Stakeholders to consider their specific dashboard requirements – next two months
- RSSB to deliver these requirements over the course of this year and subsequent years.
- RSSB to discuss with the industry how to deliver the ASPR electronically via the SMIS Vision dashboards.

Questions?