

Reporting & Workflow Features

-  Automated reporting with live preview and centralized data binding
-  Reusable templates with flexible widgets and customizable layouts
-  Consistent collaboration and standardized reporting across teams
-  Intuitive visual report design for all users – no programming skills needed
-  Comparison of multiple tests and simulations

What Can Be Visualized

-  Dynamically linked simulation, test, and engineering data
-  Charts, KPI tables, statistics, comparisons, and 3D visualizations
-  Integrated images, videos, animations, and documentation content



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Report Designer
Webinar (37 min)

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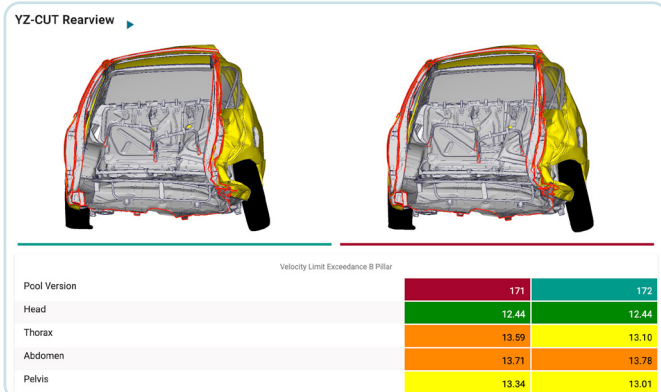
Report Designer

Fastest Way from Data to Reports

Professional Engineering Reports – Fully Automated

The Report Designer enables the automatic creation of professional, customizable engineering reports directly within SCALE.sdm.

It helps engineering teams instantly transform complex simulation and test data into structured, consistent, and visually appealing reports without disconnected tools or tedious manual formatting.



Integrated assessment of key results and performance indicators with direct side-by-side comparison of two simulations.

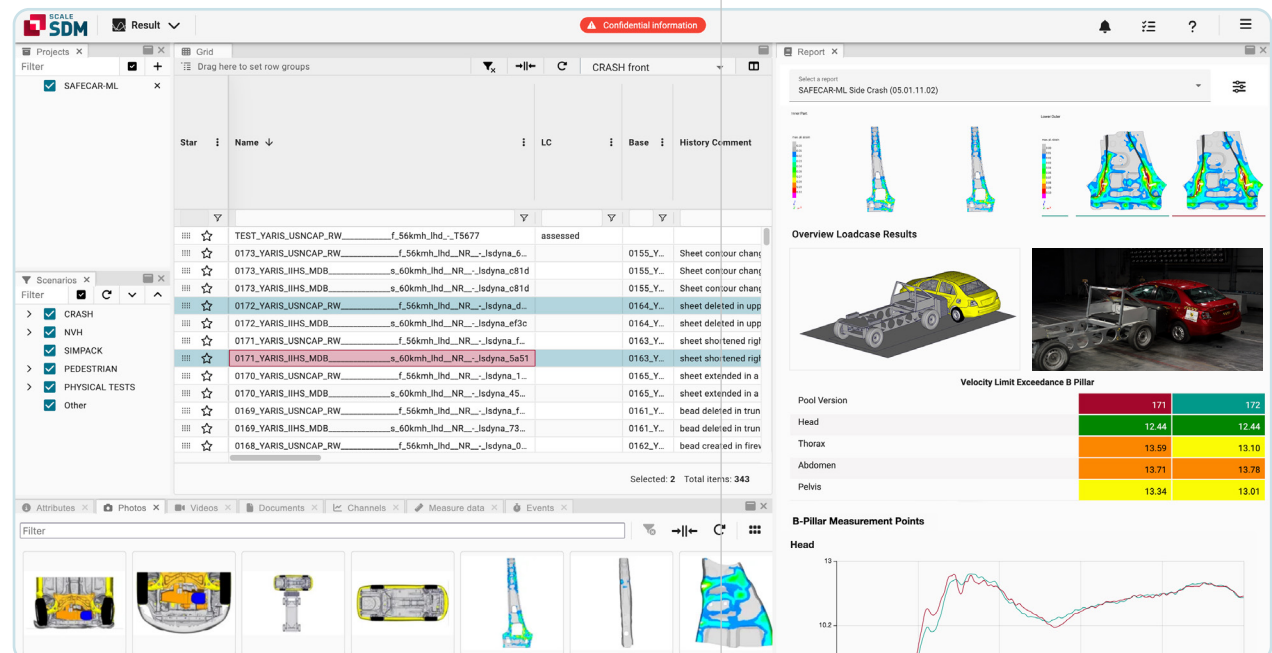
Engineering Example Crash & Safety Assessment Reports

Challenge

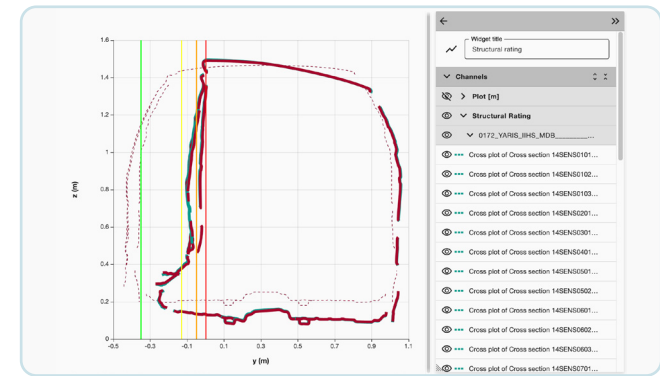
An automotive engineering team needed to evaluate numerous vehicle safety assessment scenarios for regulatory and consumer testing while ensuring consistent and traceable documentation under tight timelines. Manual reporting across multiple tools increased engineering effort and the risk of inconsistencies.

Solution

Using the Report Designer within SCALE.sdm, simulation results, physical test data, plots, visualizations, and assessment tables could be integrated into report templates. These templates could be rapidly adapted to new vehicle programs, regulations, and customer-specific requirements. Interactive one-click comparisons between simulation and test results accelerated decision-making while ensuring full traceability and reporting consistency.



Results dashboard: interactive result comparison and reporting with full access to post-processing data.



Extensive plotting capabilities with support for mathematical operations directly on the data.

Result

- » Up to 70% less reporting effort
- » Faster release cycles through reusable templates
- » Consistent, traceable, and regulation-ready reporting
- » Reduced documentation errors and manual work

Value: Accelerate virtual validation workflows with automated, flexible, and regulation-ready engineering reporting.

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SCALE SDM

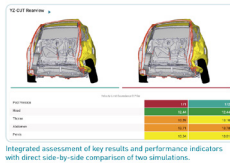
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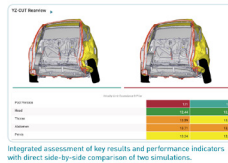
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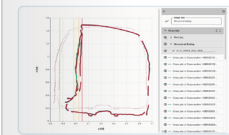
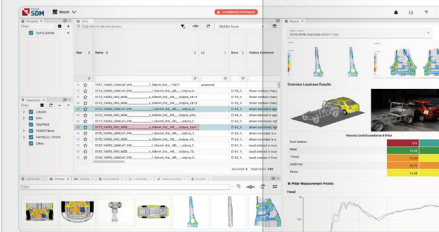
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