VWAY

MIT STAMP WORKSHOP

VisualPro - Blended Analysis Software

(STPA&CAST, and Others)

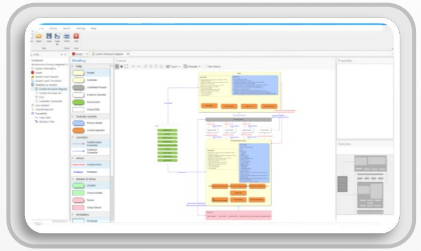
CONTENTS

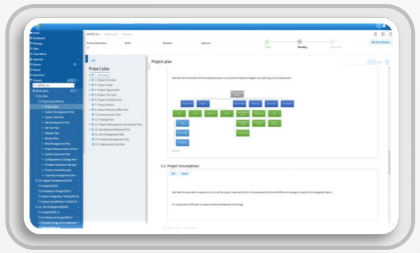
01 Introduction

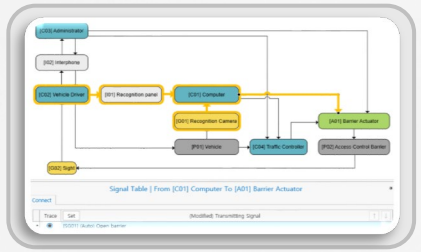
- VWAY
- VisualPro?

1 VWAY

- Software development company based in Republic of Korea
- Software needed for the engineering process







VisualPro

- Safety &Security Analysis Software (Flagship Model: STPA)
- Supports blended analysis with CAST, FMEA, and FTA
- User convenience features

Teamer

- ALM(Application Lifecycle Management) Software
- Supports maintaining traceability for requirements and outputs
- Project and process management

TRACE IT

- Oriented to support efficient and detailed STPA of complex systems
- Computerization and visualization of signal flow
- Support for Common Cause Failure (CCF) analysis

3 VisualPro?

Software
that supports integrated safety
and security analysis
for a single system.

Customer Regions

EU | KOREA | JAPAN | USA

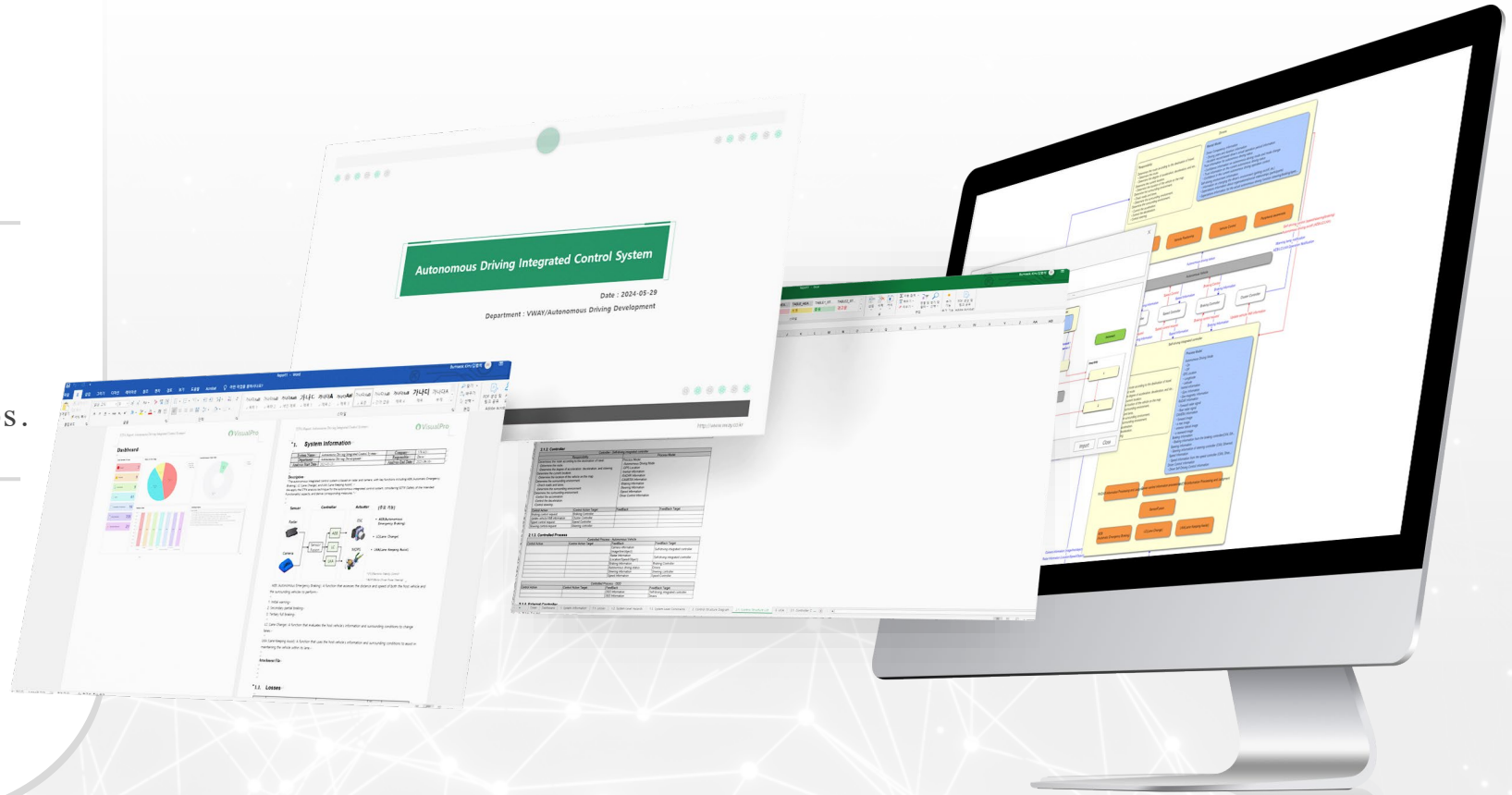
02 Key Features

- STPA
- CAST

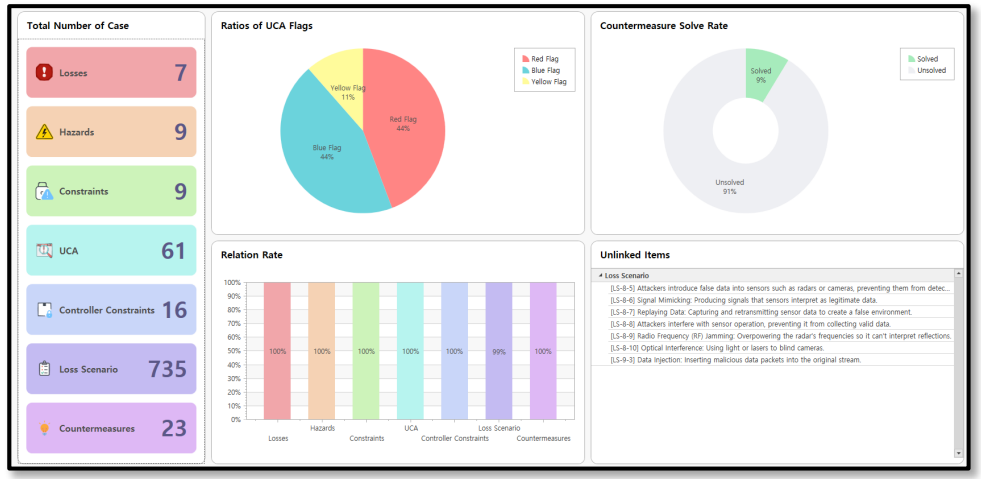
1 Convenience Features (STPA)

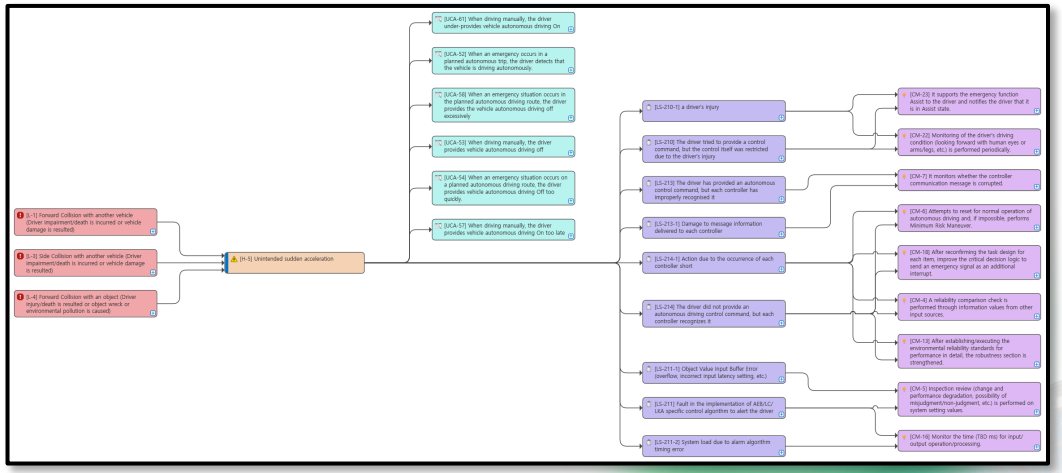
- Automatic report generation
  (Word, PPT, Excel)

- Reusable features
  for Control Structure, UCA, Loss Scenarios.



2 Traceability and Dashboard (STPA)



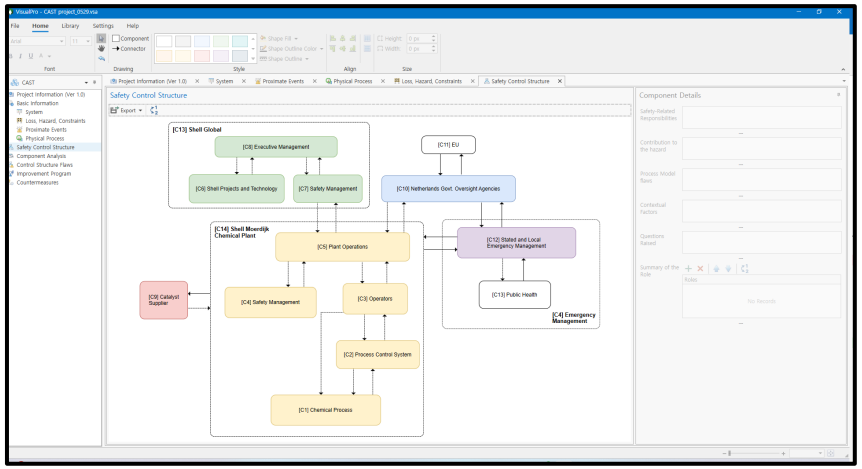


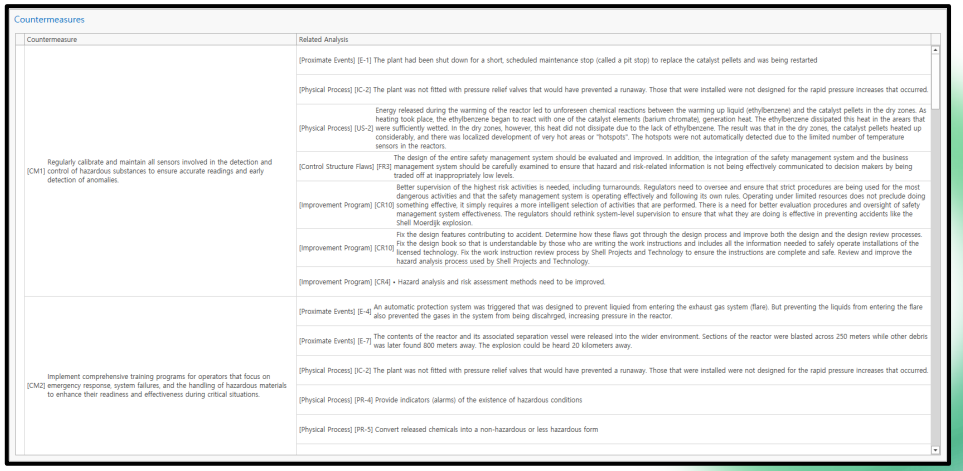
Dashboard of STPA data and analysis status.

Traceability Visualization from Loss to Countermeasures.

3 Support CAST procedures (CAST)

You will soon be able to try the CAST evaluation version.





Drawing Safety Control Structure

Traceability for countermeasure.

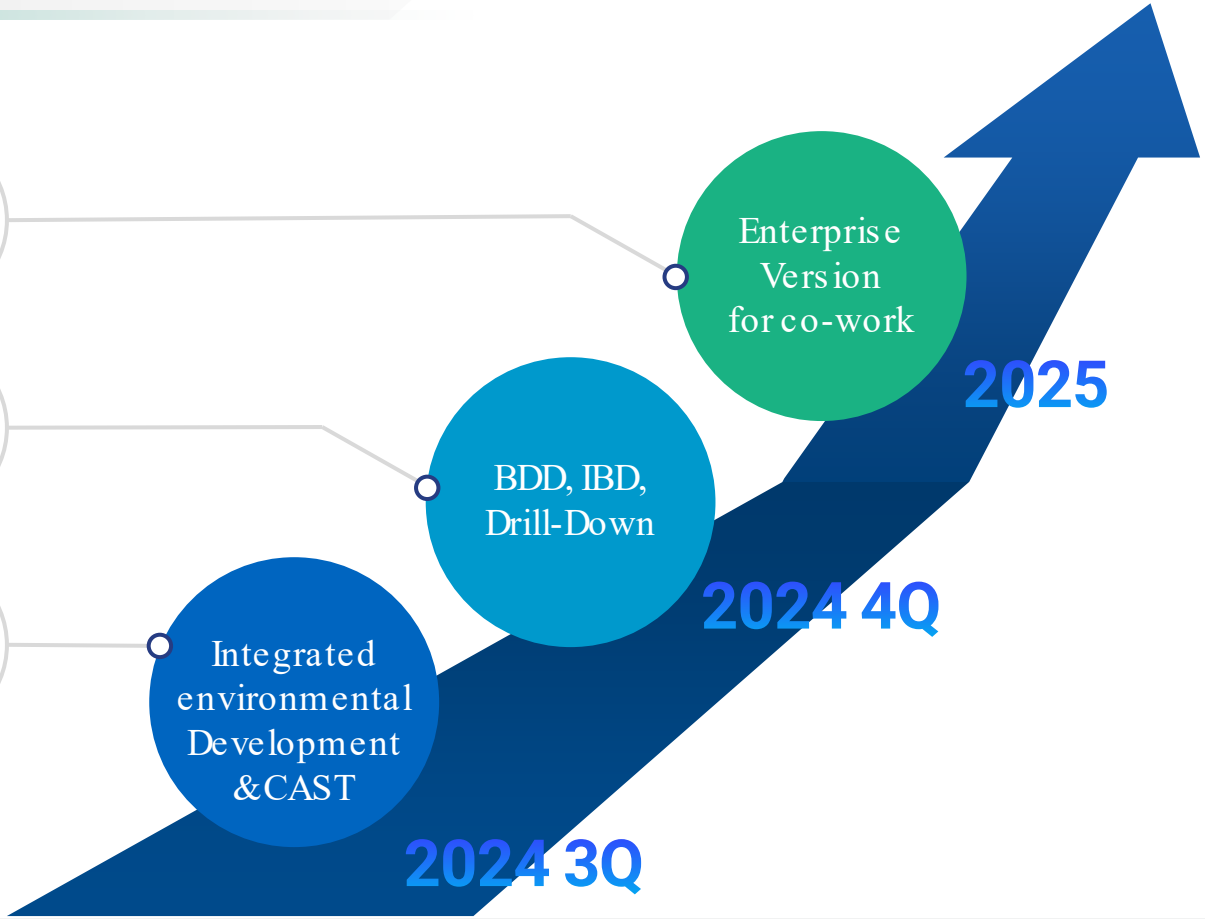
03 Roadmap

- VisualProRoadmap

1 Roadmap

"Think safety first"

- Develop enterprise version of VisualPro for data centralization and simultaneous analysis.
- Develop SysML's BDD, IBD, Drill-Down for MBSE.
- Develop integrated environmental development for blended effective analysis.
- Official Release of the CAST



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Thank You