MIT STAMP WORKSHOP

VisualPro - Blended Analysis Software

(STPA & CAST, and Others)
01 Introduction

- VWAY
- VisualPro?
01 Introduction

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

TRACEIT

- 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.
02 Key Features

• STPA
• CAST
02 Key Features

Convenience Features (STPA)

1. Automatic report generation (Word, PPT, Excel)

2. 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.
02 Key Features

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
VisualPro Roadmap

### Roadmap

- 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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**Think safety first**
Thank You