STAMP Workbench
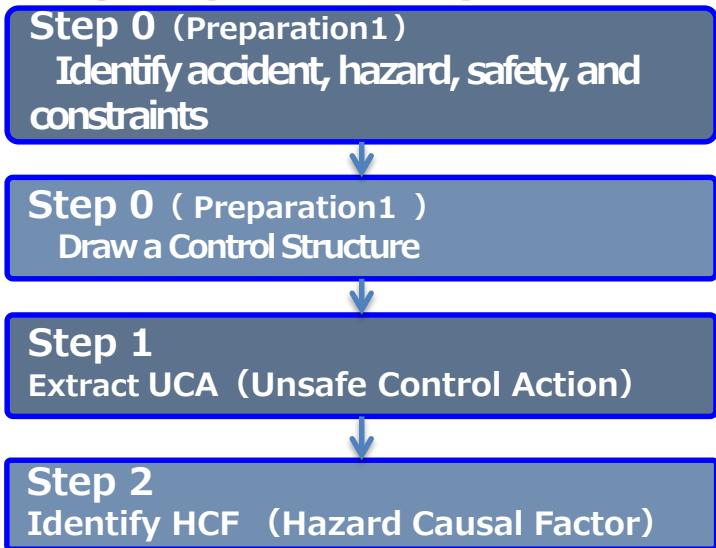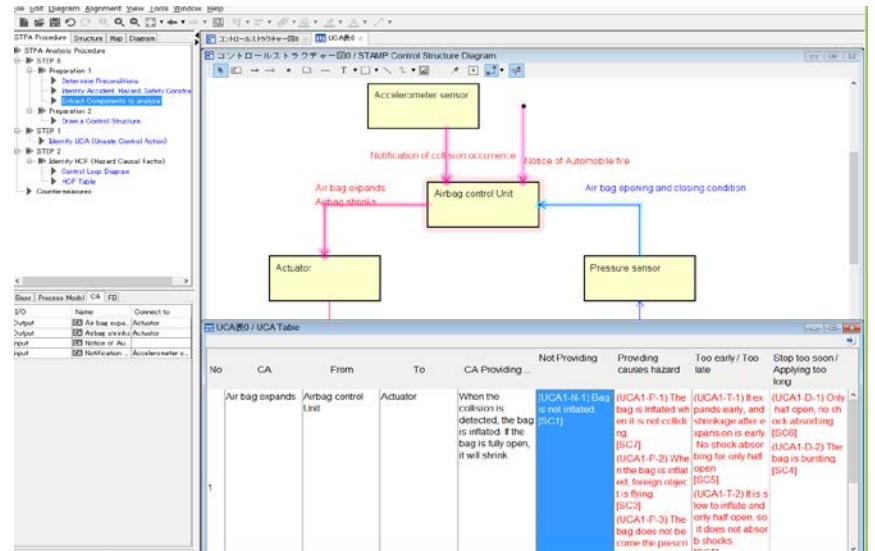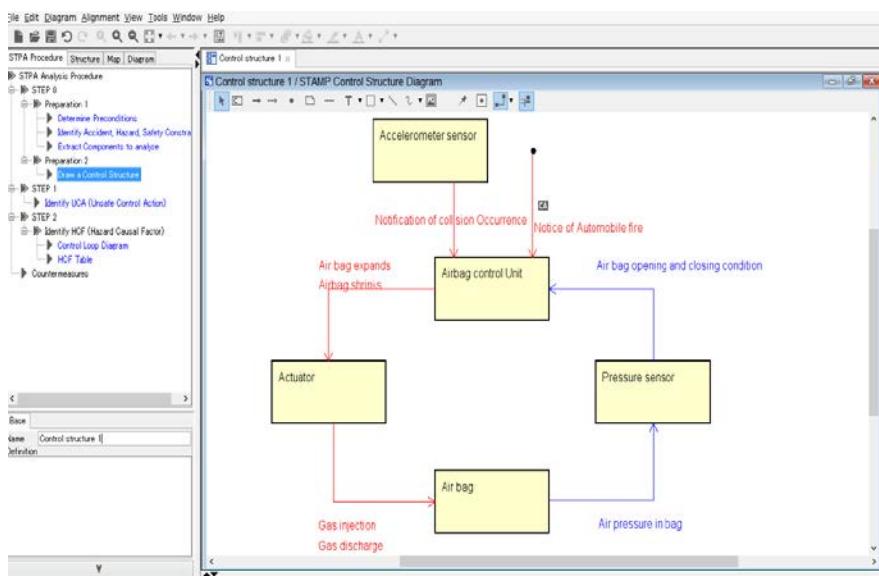
STAMP Support Tool for free

Freeing from the hassle of charting and editing, analysts only focus on thinking.

By inducing free thinking, this supports for repetitive analysis proactively.

Under the renewal and redistribution license, source code and binaries are freely available.
-No need to disclose the revised source code
Commercial use of the reformed tools is also permitted.
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Step 0（Preparation1）
Identify accident, hazard, safety, and constraints

Step 0（Preparation1）
Draw a Control Structure

Step 1
Extract UCA（Unsafe Control Action）

Step 2
Identify HCF （Hazard Causal Factor）

Step 0-1
Step 0-2
CS change
Step1
Step2

Step0-1
Step 0-2
Addition of safety constraints
Step1
Step2
対策検討

Step0-1
Step0-2
Step1
UCA addition
Step2

STAMP/STPA-compliant analysis procedures are taken, outputs are automatically produced such as line connections, re-numbering, and changes of models. In addition, each step described in "the IPA First STAMP/STPA" is guided by this tool.

Analysts only need to focus on thinking.
CS diagrams from the Component extraction table is automatically generated. Guided chart editing with intuitive operation is available.

Analysts are free from modification work of troublesome diagrams.
Automatic numbering of various IDs, Support repetitive analysis with real-time collaboration between diagrams.

STAMP Workbench

Development concept and operation policy

Concentrate on thinking

- As automated as possible.

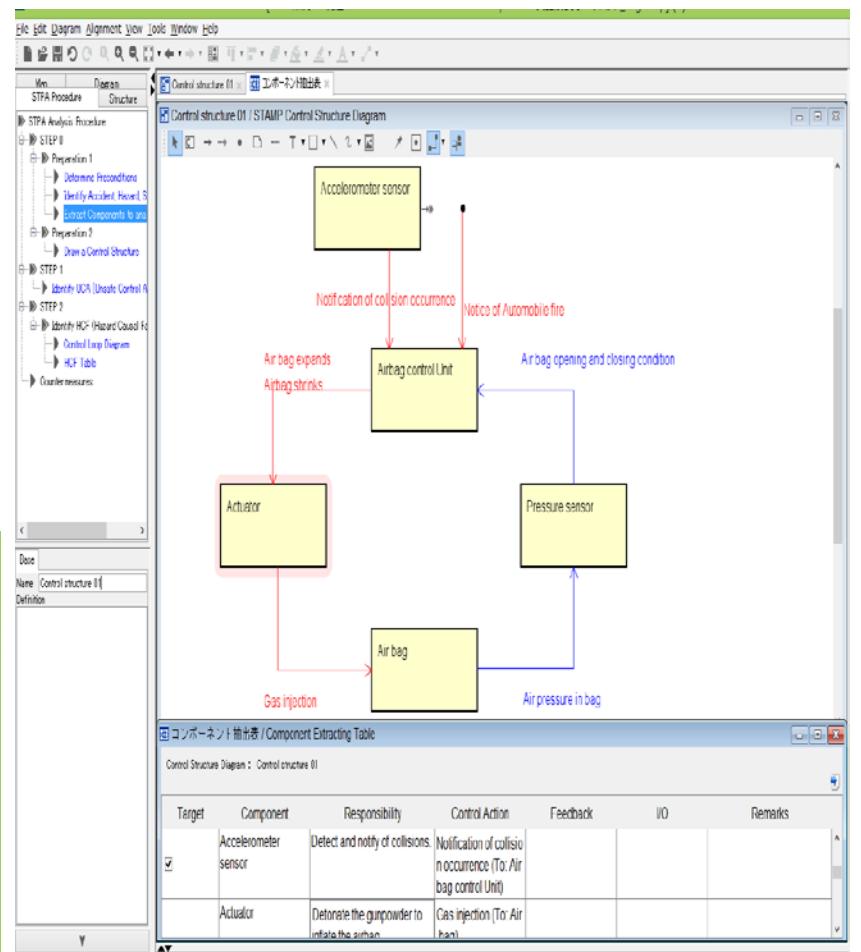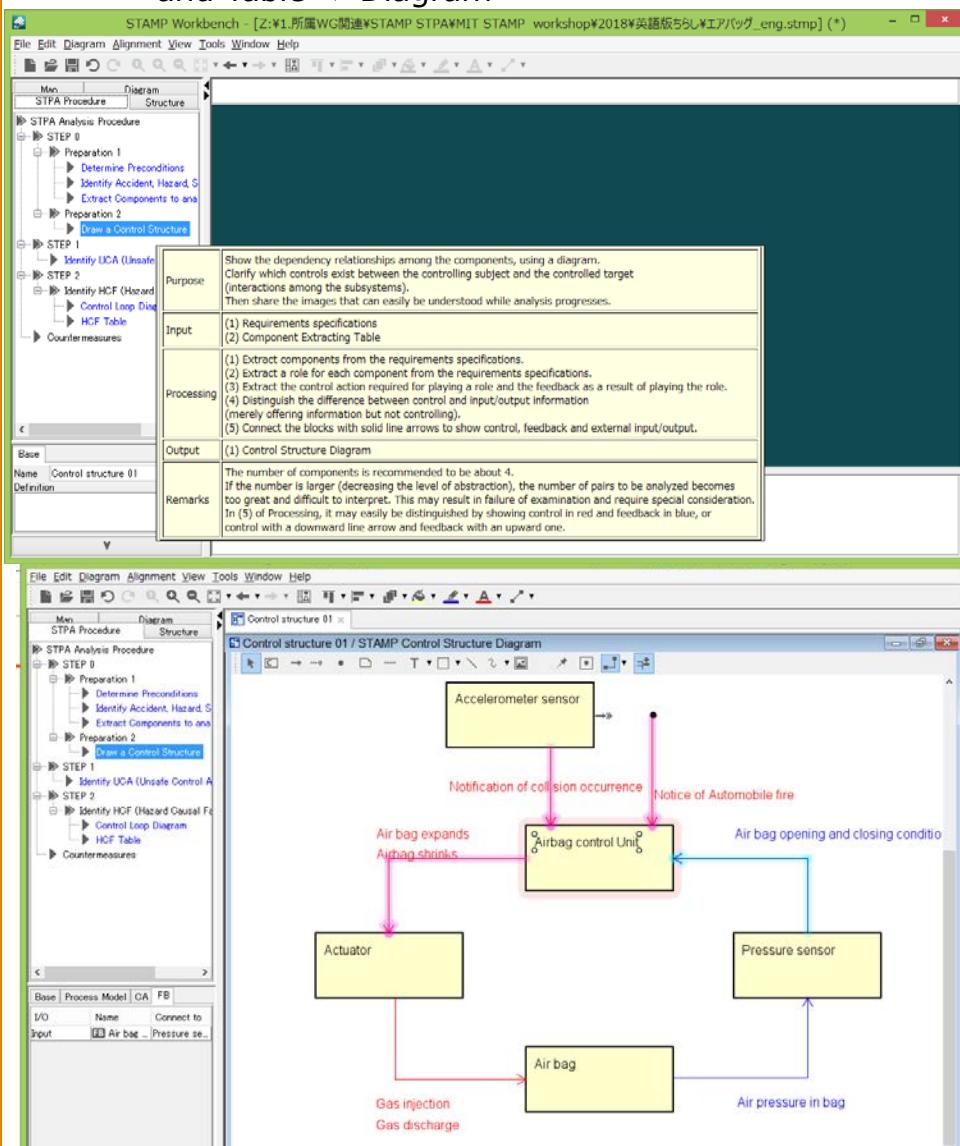### Guide analysis procedure, but not limit operation

- Step guidance window for beginners
- Available from any step for experts
- It can be used as a construction tool of CS Diagram.
- Two-way support of Diagram ➡ Table, and Table ➡ Diagram

Help analysis
It's not just an editing tool.

- Automatic ID numbering (proactive support for repetitive analysis)
- Real-time Model collaboration
- Highlights of related information, parallel display

Intuitive operation

- The Look & Feel for a STAMP characteristic operation
- Consistent UI

* iSTAMP was a code name of STAMP Workbench.