



2022
Annual **INCOSE**
international workshop
HYBRID EVENT
Torrance, CA, USA
Jan 29 - Feb 1, 2022

Systems Engineering Tools Database

www.incose.org/IW2022

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CHAIR

John Nallon (john.nallon@incose.net)

MEMBERS
54 Members

CO-CHAIRS

Stéphane Lacrampe (stephane.lacrampe@gmail.com)

René King (rking@ppi-int.com)

INCOSE CONNECT ADDRESS



<https://connect.incose.org/WorkingGroups/ToolsDatabase/Pages/Home.aspx>

INCOSE WEB PAGE



<https://www.incose.org/incose-member-resources/working-groups/transformational/se-tools-database>

Charter Summary



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WG PURPOSE/MISSION

To develop and maintain the INCOSE/PPI Systems Engineering Tools Database (SETDB) as a resource for members to search for and obtain tool information to support their business process.

WG GOAL(S)

- To provide the systems engineering community a reliable source of information about tools they are using or wish to use while executing their business processes in the product lifecycle.
- To maintain a mapping of tool categories to the systems engineering processes defined in ISO 15288, the systems engineering processes defined the INCOSE Systems Engineering Handbook and the PPI systems engineering process elements.
- To define, design, implement and maintain the operations of the Systems Engineering Tools Database for the INCOSE membership and PPI clients.

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WG SCOPE

In collaboration with Product Performance International (PPI) the Systems Engineering Tools Database Working Group (SETDB WG) will develop, maintain and provide support for the Systems Engineering Tools Database.

1. Review, analyze and update the historical and current Systems Engineering Tools Database system models, specifications and operational procedures.
2. Initiate, create, verify, maintain and continually improve the design, functionality and operational support of the INCOSE/PPI Systems Engineering Tools Database including stakeholder identification, functional analysis, requirements analysis, validation & verification.
3. Create and maintain a dialogue with the supporting working groups to author, review and approve for their appropriate tool surveys.
4. In collaboration with Product Performance International (PPI) define, design, implement and maintain the INCOSE/PPI Systems Engineering Tools Database.
5. Generate and maintain all supporting system documentation, plans and operational procedures on INCOSE CONNECT. Submit key documentation to the leadership and product oversight committees for reviews as needed.
6. The SETDB WG will assist INCOSE IT and INCOSE Central with the administration and maintenance of the SETDB Website and informational contents.

OUTCOMES (PRODUCTS/SERVICES)

1. The Systems Engineering Tools Database IW2022 Release that **can be reached at: www.systemsengineeringtools.com**
2. Project review and demonstration
3. Numerous ideas for added features from the user community

IW Outcomes



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IW Outcomes

1. Winner of the INCOE 2021 Product of the Year!
2. Communicated updates to the system and coming features at the forthcoming IS2022 release.

PLANNED ACTIVITIES AFTER IW

1. Continue SETDB Development to provide new features and improvements.
2. Continue to develop SETDB operational support (INCOSE Helpdesk, PPI Helpdesk, tool loading, marketing, training Rep Users)

PLANNED WORK PRODUCTS AFTER IW

1. Semi-annual product releases
2. Training videos for users and administrators
3. Add more tool category surveys.
4. Maintain system models and specifications