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

SETDB Working Group

MBSE Tools Database Update

John Nallon, Chair – SETDB WG

www.incose.org/IW2022

SETDB Working Group

SETDB WG Public Web Page	[SE Tools Database (incose.org)](#)
SETDB WG CONNECT URL	https://connect.incose.org/WorkingGroups/ToolsDatabase/Pages/Home.aspx
Working Group Members	**5 SETDB Development Team Members** **11 SETDB Project Contributors** **51 SETDB WG General Members**
SETDB Website	www.systemsengineeringtools.com A direct link is also provided on the INCOSE.ORG website.
SETDB Yammer Site	https://bit.ly/3qNu9Gi

Virtual Project Team

- The **Development Team is located on 4 Continents**:
    - USA
    - Vancouver, Canada
    - Victoria, Australia
    - Knysna, South Africa
    - Toulouse, France

- We have been **operating virtually since the beginning in 2018**:
    - Zoom for weekly meetings
    - Zoom and Skype for instant meetings
    - **JIRA** for collaboration, tasking, V&V and Issue Management
    - Artifact management (CONNECT), and
    - Other Communication tools:
        - E-mail, text
        - WhatsApp,
        - CONNECT
        - Google Docs
        - Yammer

SETDB: The People and Supporting Groups

- **Systems Engineering Tools Database Development Team**

  - <u>**SE Management and Development Team**</u>:
    - John Nallon is the INCOSE SETDB Project Technical Director
    - Robert Halligan is the PPI SETDB Project Technical Director
    - Stephane Lacrampe is the INCOSE Project Leader
    - Rene King is the PPI Project Leader
    - Nicolas Castan (NC Lab) : Lead Website and Database Designer

  - <u>**Contributing Working Group Members**</u>:
    - Wesley Hewitt (Cornell Univ) : System Models, Use Cases and OCD diagrams
    - David Sellnow (LGC Group) : Jira administration and V&V, Tool Survey Review
    - Lamont Mcaliley (Veracity Engineering) : UIF Mockups, V&V, EAP tool vendor liaison
    - Donna Long (Vitech Corp) : Requirements Analysis, Taxonomy, tool vendor SME
    - Alwyn G. Smit (PPI-Int) : Tool and Vendor research and loading
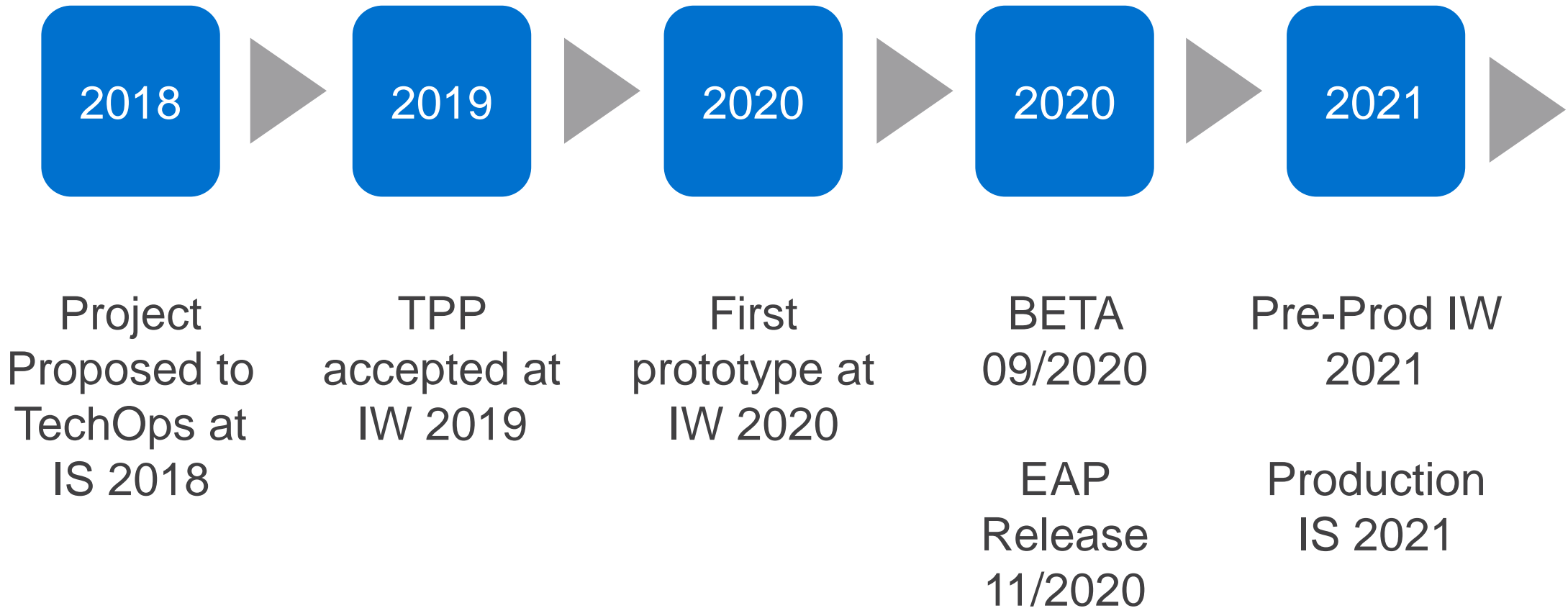   - Laura Oskins ; (Whirlpool Corporation) System V&V

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SETDB: The People and Supporting Groups

- **Contributing WGs: Requirements WG, CM WG, Risk WG, Architecture WG, and the MBSE Initiative**
  - System document Reviews, Tool Survey development, prototype testing, requirements reviews and feedback, etc.

- **Early Adopter Companies: Siemens Polarion, Obeo, SPEC Innovations, Jama Software, No Magic, SPARX Systems, and Vitech**

- **Infrastructure Support: INCOSE Technical Operations, INCOSE Central, the INCOSE CIO and IT, MARCOM, PPI Management, PPI Marketing, and PPI IT**
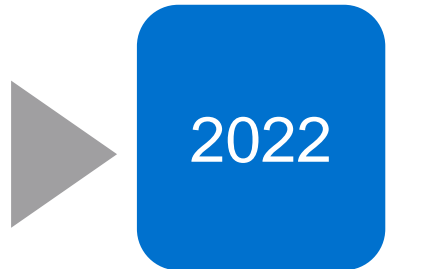
SETDB Product Lifecycle

2018	2019	2020	2020	2021
Project Proposed to TechOps at IS 2018	TPP accepted at IW 2019	First prototype at IW 2020	BETA 09/2020 EAP Release 11/2020	Pre-Prod IW 2021 Production IS 2021

SETDB Product Lifecycle

What's New in 22? [Part 1]

2022

IW 2022
SW Update
Released

- System Statistics enabled for Rep users

- System notification enhancements

  for Users and Tool Vendors

- Online fault reporting

- Explore Tool Pages added for Casual users

- Search Engine Optimization Initiated

- Tool Categories Updated

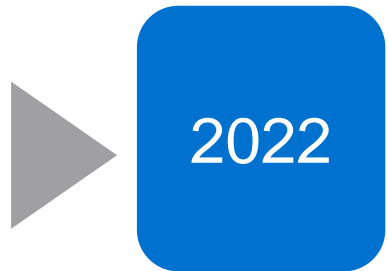- General and Requirement Tool Surveys

  updated/deployed

2022

IS 2022
Next
SW Update

SETDB Product Lifecycle

What's New in 22? [Part 2]

2022

IW 2022
SW Update
Release

- System Operational Procedures drafted

- INCOSE and PPI Helpdesk Support established

- DB Growth to ~~393~~ **406** Tools and ~~121~~ **124** Vendors.

- UI Improvements and added features

- Initiated SEO capabilities, all product pages and vendor pages assigned URLs

- System performance enhancements

2022

IS 2022
Next
SW Update

SETDB Product Lifecycle

What's Coming?

IS 2022

- Example Tool Database Update

- **Modeling and Simulation Tool Survey** Release

- **Risk Management Tool Survey** Development

- Link to the **SEBoK**

- Completion and Verification of **Search Engine Optimization** (SEO) for the SETDBIS

- SSO linkage to the PPI **Systems Engineering Goldmine** (SEG)

- **Mapping of SETDB Definitions** to Tool Survey Questions

- E-mailing to Vendors from the SETDB

- Metric reporting

What Does the SETDB WG Need?

- For **YOU** to spread the word and spread the usage

- Use the **Contact SETDB Support** to request help, vendor recommendations, tool recommendations, survey questions (new ones or changes to them) or anything else

- Use **Contact SETDB Support** to tell us what features are needed to improve your experience

- Join the **SETDB WG**, assist with various data management activities, V&V, Issue Management, requirements analysis, modeling and other project systems engineering activities.

Contact SETDB Support at: https://www.systemsengineeringtools.com/contact

Thank You – Any Questions?

The Systems Engineering Tools Database

WWW.SYSTEMSENGINEERINGTOOLS.COM

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