

INCOSE launches the Digital Systems Engineering Process Model

SAN DIEGO (05 May 2023) – The International Council on Systems Engineering (INCOSE) is pleased to announce the launch of the Digital Systems Engineering Process Model, which is designed to help individuals and organizations implement systems engineering techniques in processes. The model is available in the ISO 15288:2015 and the INCOSE handbook v4 -- both of which embody the expertise of professionals from diverse industries.

The Digital Systems Engineering Process Model offers clear, interactive access to all aspects of the systems engineering life cycle processes, providing a template that people can use to meet organizational and product needs for model-based systems engineering of enterprises.

Take-away Key Messages:

- The Digital Systems Engineering Process Model, a new INCOSE product, is now available.
- The product offers an interactive handbook with easily accessible information on systems engineering life cycle processes and their inputs and outputs.
- The product serves as a template for model-based enterprise engineering and can be used in any modelling tool of your choice.

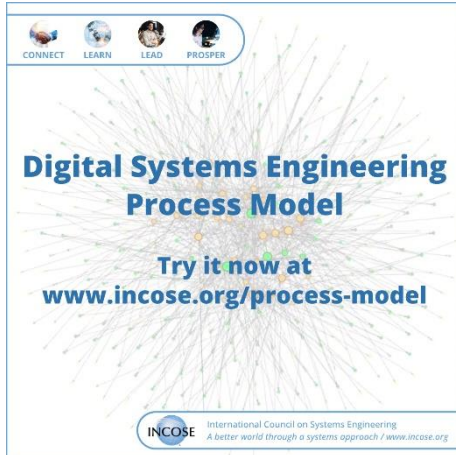
The model was originally developed by the Terminology Working Group of German Chapter of INCOSE (Gesellschaft für Systems Engineering, GfSE) and improved in the Knowledge Management and Ontologies Working Group of INCOSE. Alexander Efremov, CSEP, led the development.

Alexander Efremov, CSEP said, *“The systems engineering process model embodies knowledge of many experienced people from various industries. It is meant to be used for improvement of organizations. I found it really sad that we in the community talk about model-based approach for product development and leave such a great organizational template in a paper form. I also see this product as an opportunity for communities of INCOSE and enterprise architects to work together: I think we share a lot of common approaches and could make this world a better place together much easier.”*

To learn more about the Digital Systems Engineering Process Model, visit the website: www.incose.org/process-model which includes a link to the recording of the introduction to the Digital Systems Engineering Process Model.

Suggested Social Media Posts

If you would like to share this news on your social media platforms, we encourage you to use the social media post below:



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#SystemsEngineering #DigitalEngineering #enterprisearchitecture

Notes to Editors:

About the International Council on Systems Engineering

The International Council on Systems Engineering (INCOSE) is a not-for-profit membership organization that promotes international collaboration in systems engineering practice, education, and research. INCOSE's mission is to "address complex societal and technical challenges by enabling, promoting and advancing systems engineering and systems approaches." Founded in 1990, INCOSE has more than 65 chapters and over 21,000 members and associates worldwide. For additional information about INCOSE visit www.incose.org.