



Systems Engineering Forum

Virtual Series

InDEPTH Overview

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Abstract:

The Integrated Digital Engineering Prototyping Testbed Hub (or InDEPTH) is a digital engineering testbed that enables the prototyping of DE applications, methodologies, and processes in a controlled environment. The foundation of the testbed is the Enterprise Integration Model (or EIM), which defines interface standards and enables the connection of disparate, authoritative source of truth (or ASOT) datasets and models. The InDEPTH exemplar uses the Space-Based Environmental Monitoring, or Terrestrial Weather, mission area to demonstrate how a DE environment can provide real-time enterprise situational awareness and support the evaluation of enterprise baseline changes and future architecture trades.