ManTIS DTF
Manufacturing
Technology and
Industrial **S**ystems
Domain **T**ask **F**orce

TC Meeting Date: 2021-03-26
Reporting Chair: Uwe Kaufmann
Group page (URL): www.omg.org/mantis
Group email: mantis@omg.org

OBJECT MANAGEMENT GROUP ®

- **Highlights / presentations from this Meeting:**
  - Requirements for a Model Transformation and Integration Facility - MoTIF RFP discussion
    (Uwe Kaufmann, GfSE)
    http://doc.omg.org/mantis/2021-03-02

  - High-level objective:

    - Support of interdisciplinary (MBS)Engineering collaboration through sharing and exchange of integrated models

    - Focus on model integration for, e.g., SysML, BPMN, UML, …, even Office Formats and other standards like ISO 10303 - STEP

    - Model transformation means, e.g., derived models for IP protection

    - Key concept: mock-up / container for different interconnected models / data sources

  - Discussed evolved set of requirements and use cases

  - Next Step: Elaboration of a draft RFP

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- **Deliverables from this Meeting:**
  - Technology Adoption Recommendation(s)
    - N/A
  - RFP/RFI/RFC Recommendation(s) or Other Recommendation(s)
    - N/A
- **Future Deliverables (In-Process):**
  - Technology Adoptions
    - N/A
  - RFP/RFI Recommended or Other Recommendations
    - Model Transformation & Integration Facility - MoTIF RFP
- **Liaisons**
  - **ISO TC 184 SC4 (aka STEP)**

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- **Agenda Items and Interest for the Next Meeting(s):**

  – June 2021

    - MoTIF – Model Transformation & Integration Facility RFP

    - Product Knowledge Framework (PKF) RFI progress (new response in March 2021)

    - Reach-out to related groups: INCOSE DEIXWG, prostep ivip SysML Workflow Forum and Implementer Forum, etc.

  – December 2021

    - OMG Information Day - "How Modern PLM Systems Interact in Enterprise IT Environments" (Sponsored by CONTACT Software)
      – Postponed to next F2F OMG Meeting

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- **Agenda Items and Interest upcoming Next Meetings:**

  – Themes of interest to discuss in ManTIS:

    - digital master / digital twin – update from DT consortium?
      – Chairs Webcon planned with Digital Twin Consortium's Manufacturing WG

    - Updates from ISO TC 184 SC4 (STEP community)

    - Logistics Modeling RFP / RFC