

MOVING MBD FROM OEM TO SUPPLIER: IS THERE A RINGMASTER SOMEWHERE IN THIS CIRCUS?

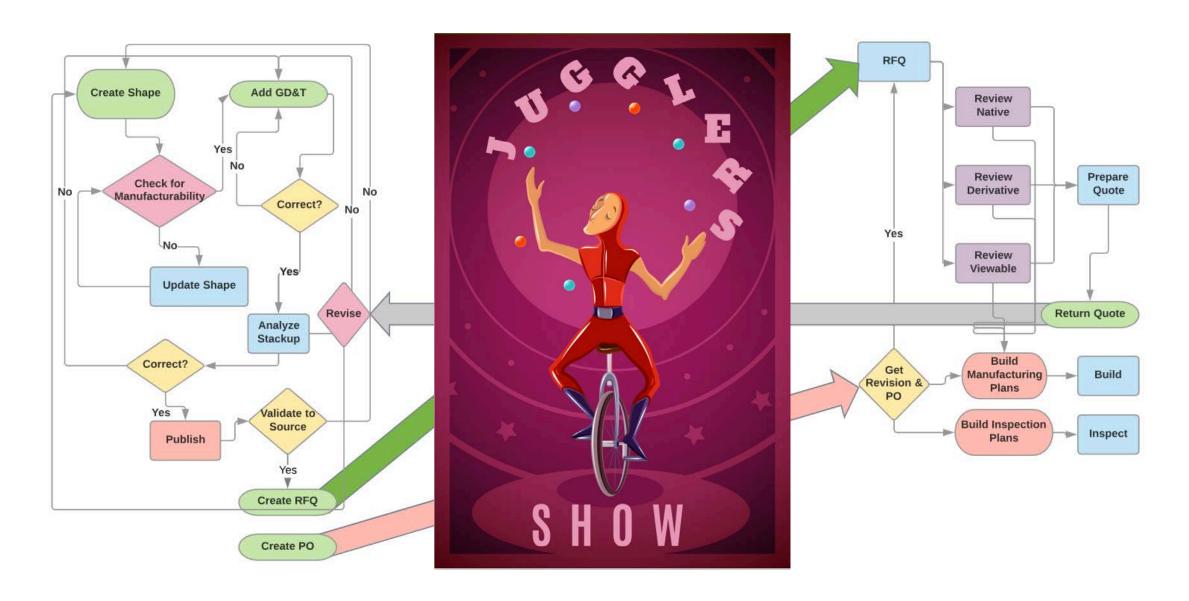
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IDE ANNING COSTING **DOLING DESIGN** SUPPLY CHAIN ING & QUALITY **ASSEMBLY** K INSTRUCTION



ACTION The Supply Chain Handoff is Chaotic





Manual Supply Chain Handoff



Drawings, Models, Process Requirements Specifications, RFQ

- 6-20 data exchange handoffs
- Most rely on human reading and re-entry.
- Suppliers should not re-create drawings or models.

Quote, Clarification Requests, FAI, End item, Process Verification





Manual Supply Chain Handoff



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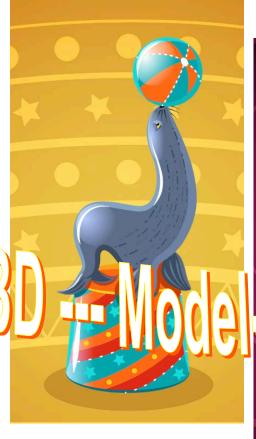
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Supplier













Supply Chain Handoff Needs:

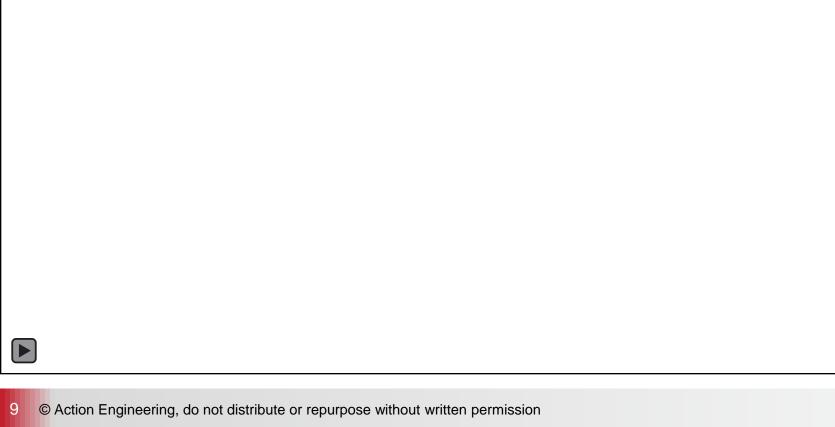
- Model-Based Definition (MBD)
- 2. Traceability

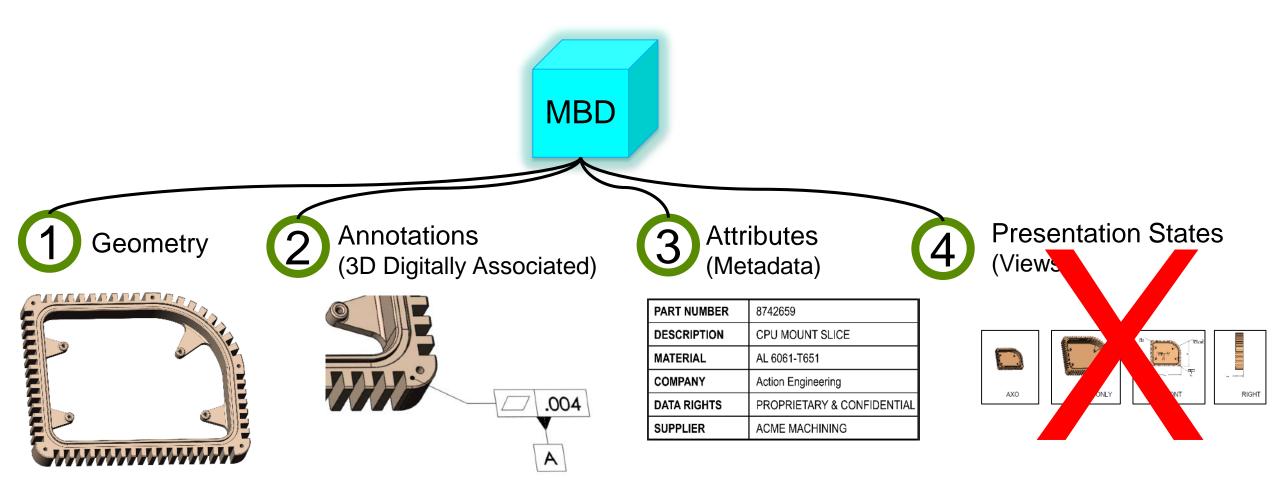






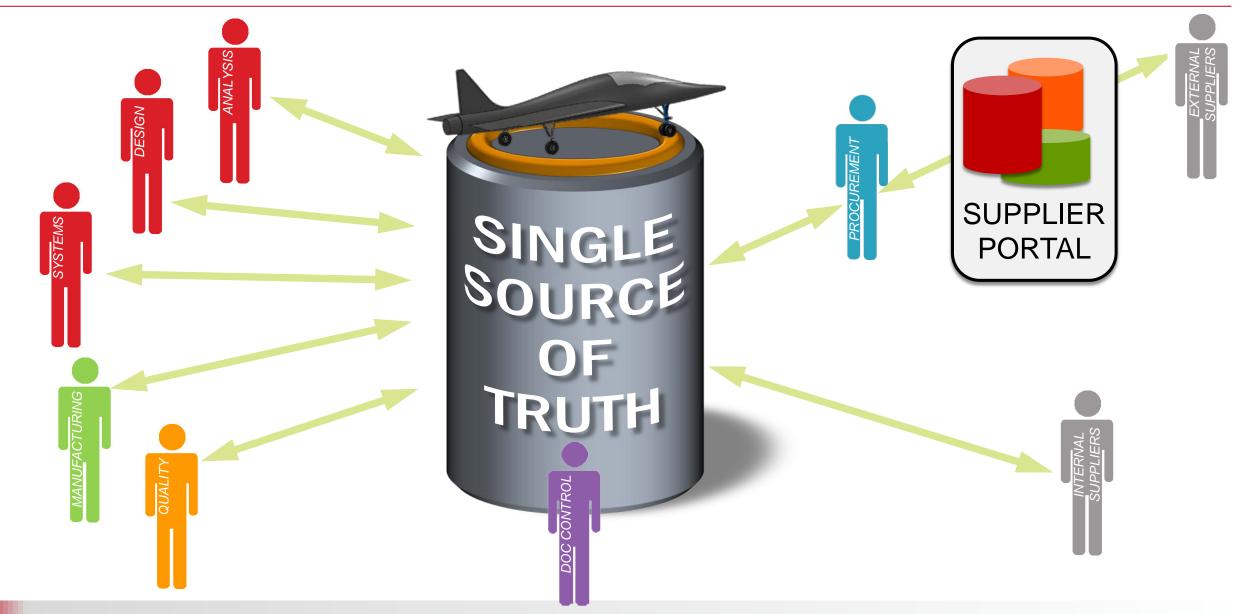
MBD is the Cornerstone of a Model-Based Enterprise





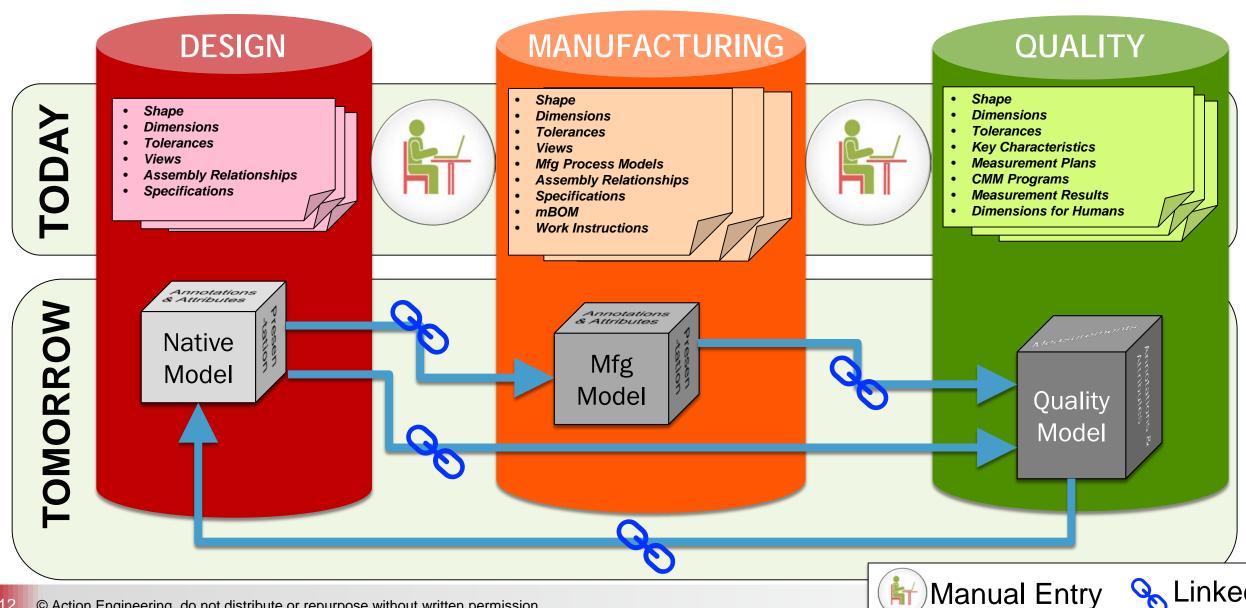


Why MBE is Needed



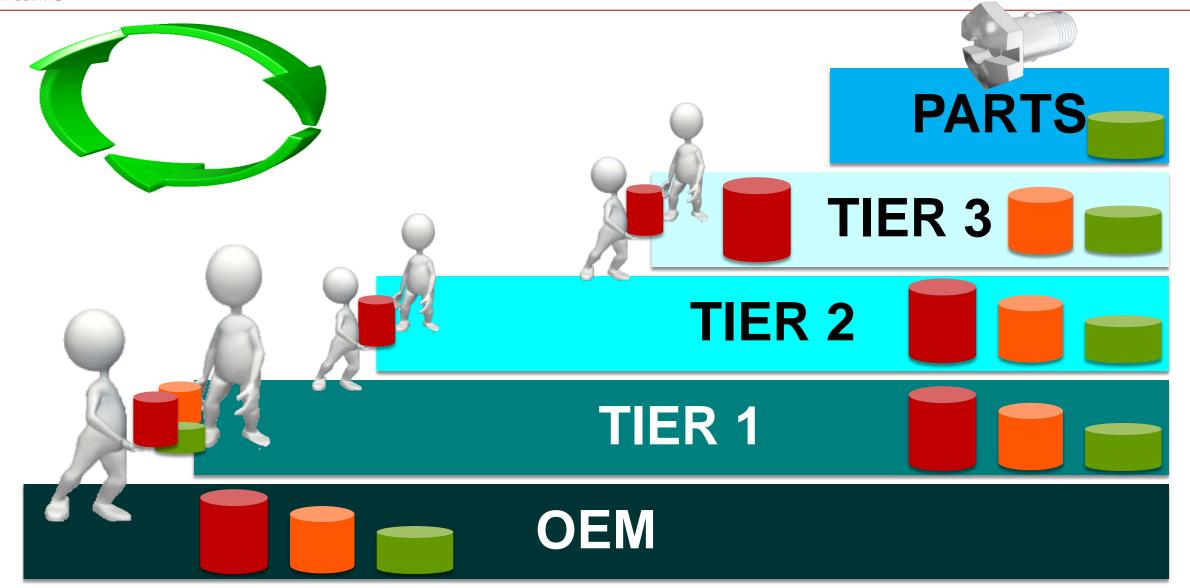


Information Flows Throughout the Lifecycle





OEM to Supplier Information Feedback Loop

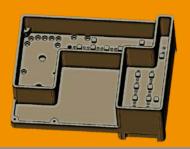




Transition from Reduced Content Drawing to Model-Based

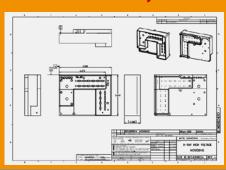
MODEL + DRAWING

Authority for 3D Shape



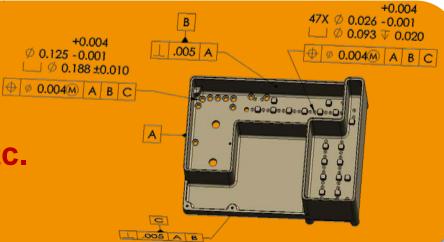
Authority for **Notes, Tolerances, Material, etc.**





MODEL ONLY

Authority for 3D Shape, Notes, Tolerances, Material, etc.

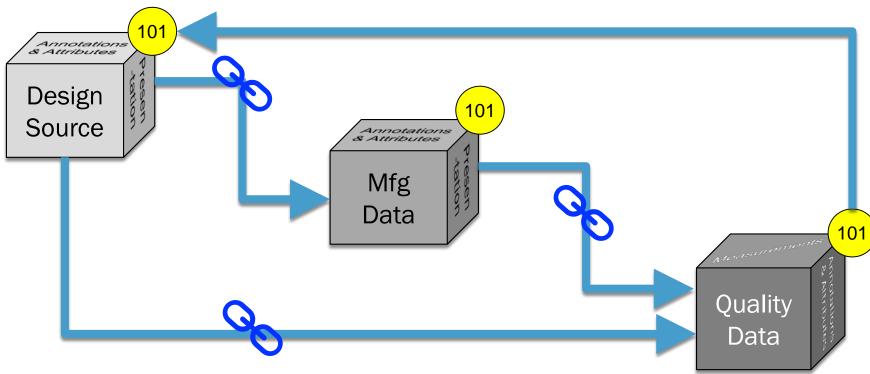




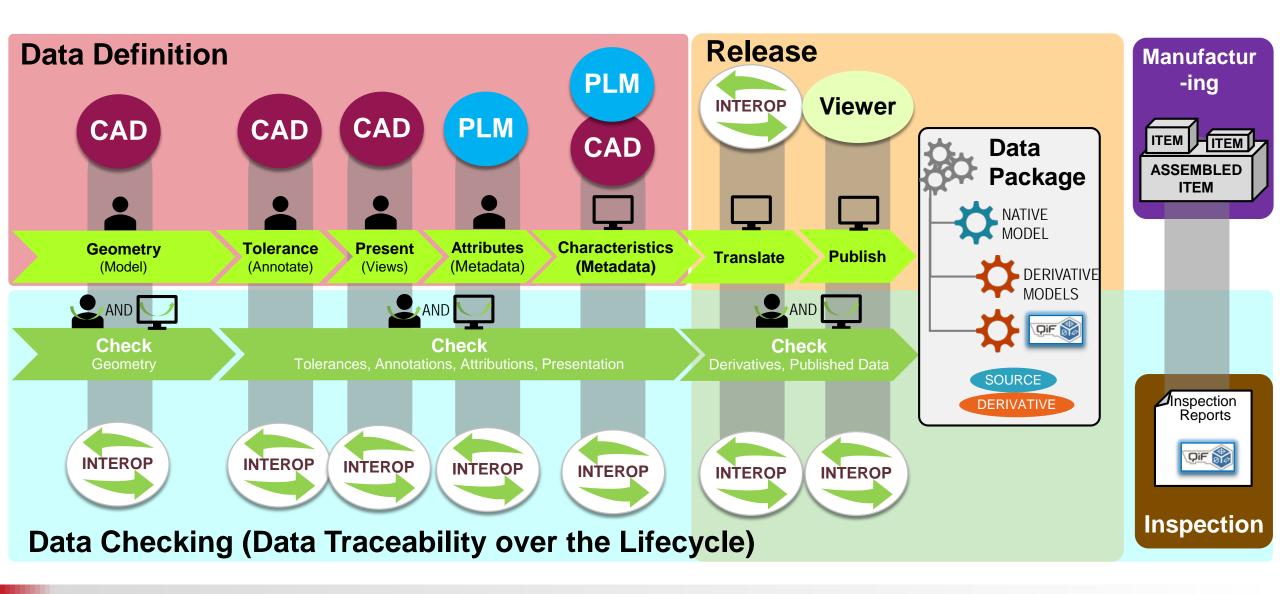
MBD Maximizes Data Traceability



Trusted Models are Authorized, and Trusted Models are Authorized Models are Authorized Models and Trusted Models are Authorized Models are Authorized

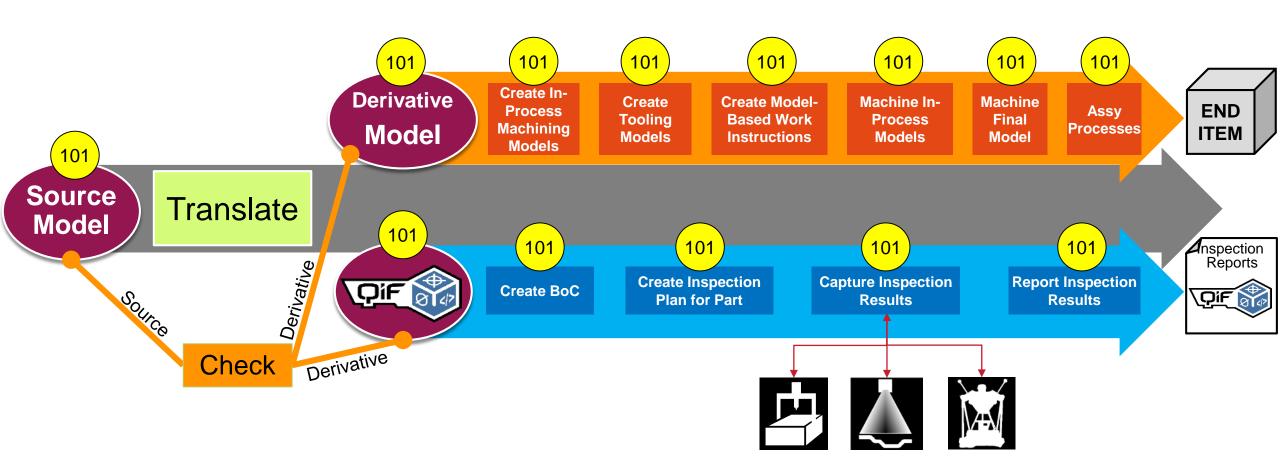


ACTION Author Trusted Data



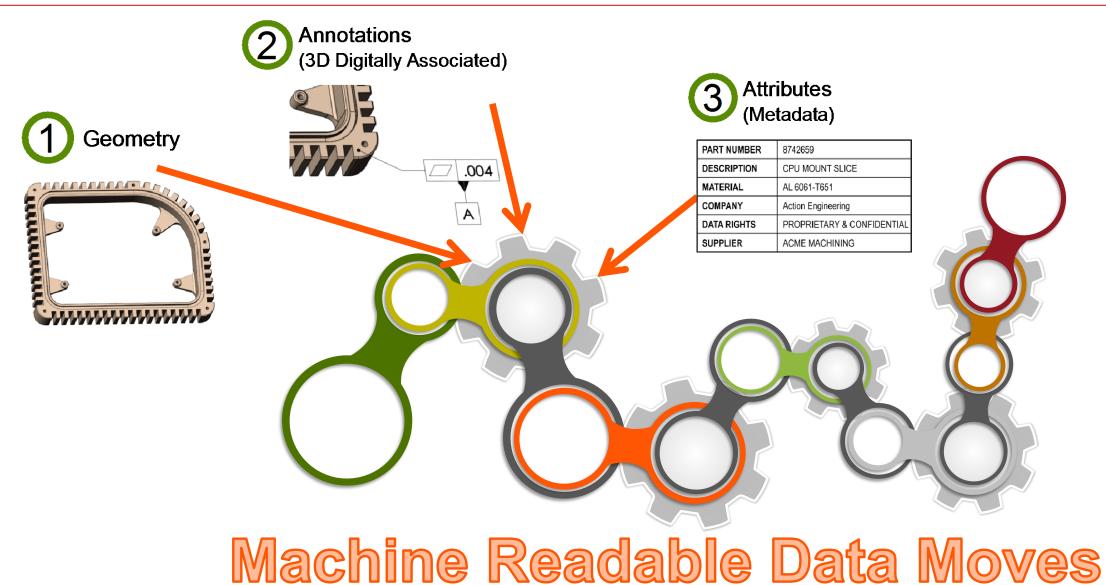


Traceability through the Supply Chain Handoff



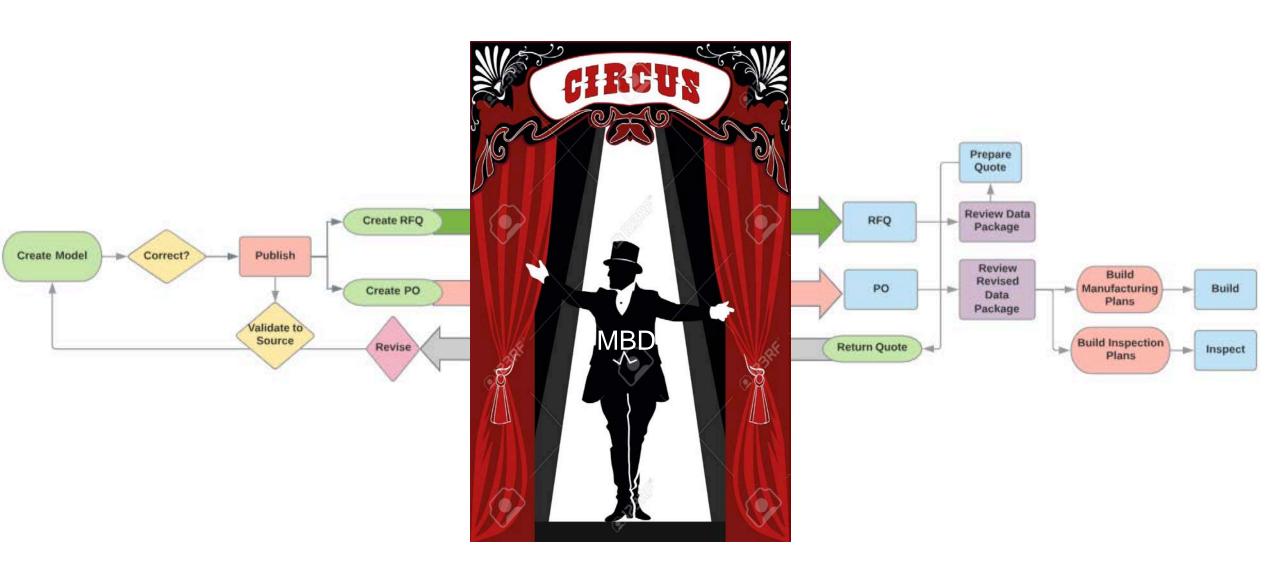


MBD Stays Connected





MBD Tames the Supply Chain Handoff Circus



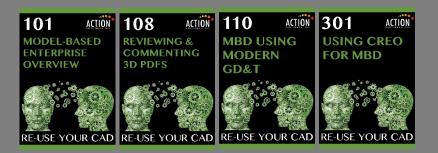






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Questions