







Slide 1

PLM, The Digital Thread and ASD Standards

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AGENDA

- Introduction
- Evolution of ILS Practices and Software
- •The desired end game/goal why is the digital thread so critical?
- Integrating PLM, S3000L and S1000D into this thread
- •Where could we evolve to?
- •Q&A







Who we are, what we do...









Who we do it for

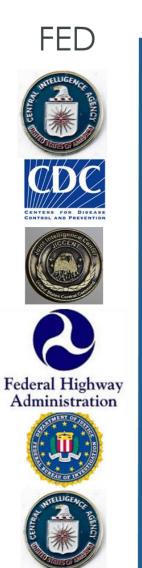










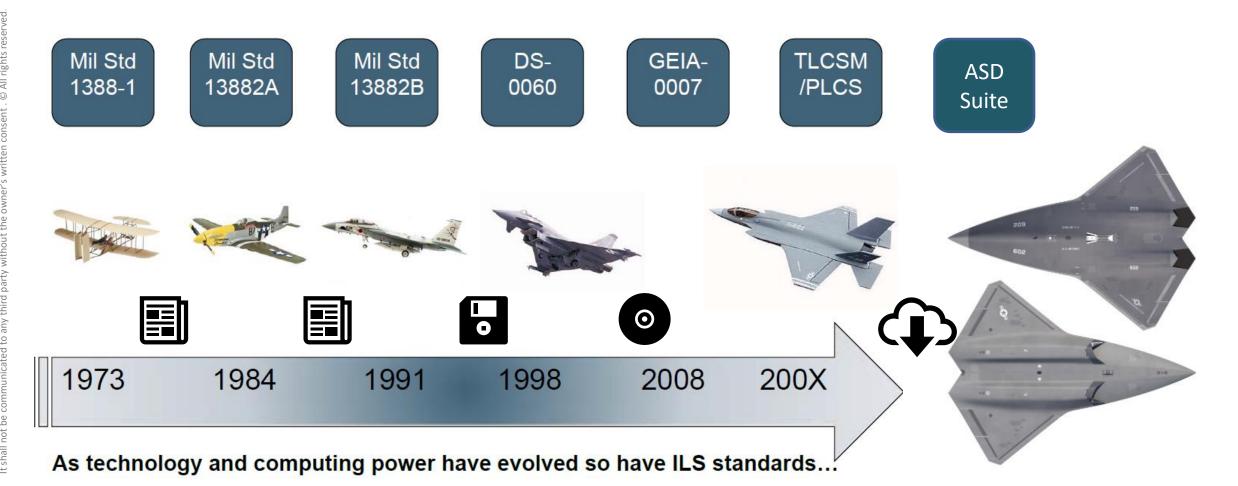








How the ILS standards have evolved...









Why is the digital thread so critical to product support?

ORDER FROM CHAOS

Is the Pentagon headed for a military readiness crisis?

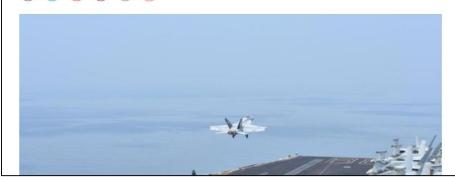
Michael E. O'Hanlon - Thursday, October 12, 2017



A > News > DoDBuzz

Navy Cutting Maintenance, Cannibalizing Planes Amid Readiness Crisis





Your Air Force

Growing readiness woes: Only 7 in 10 Air Force planes are ready to fly

By: Stephen Losey April 2, 2017













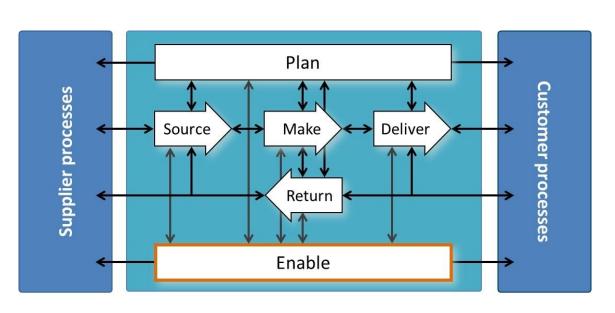


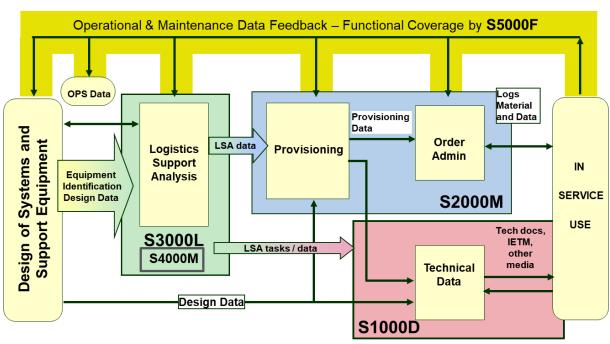






DoD SCOR and the ASD Suite address the full lifecycle







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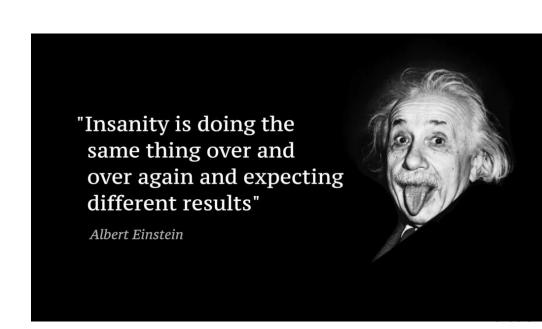






Observations from the trenches...

- Its not a technology problem
- It's a mindset, process and policy problem
- People are risk averse "its easier to do what we did on the last program...."
- But that isn't going to crack this nut...

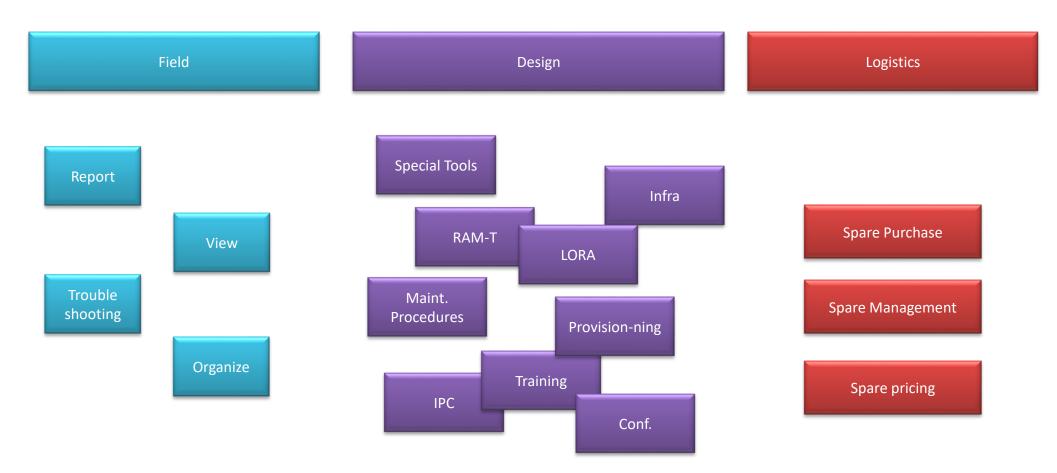








Traditional system of support

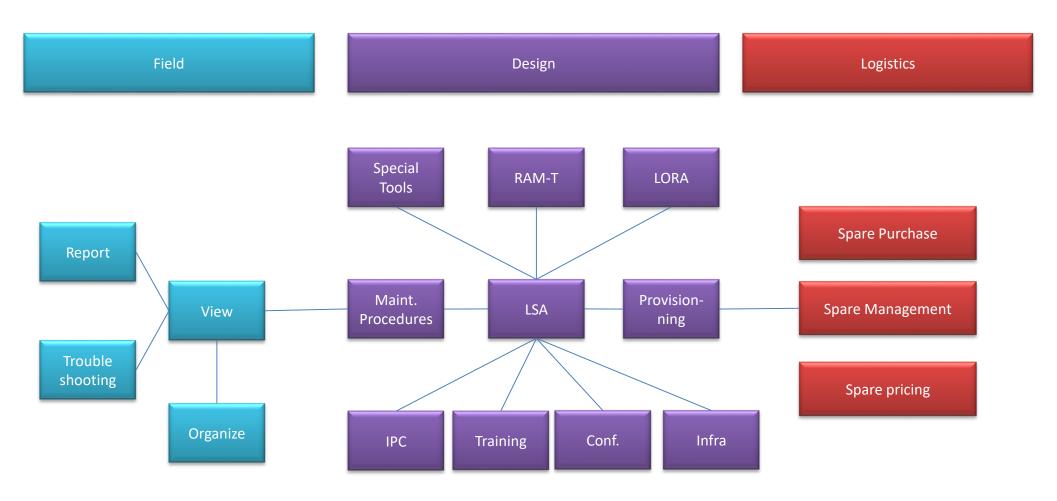








Introducing model based LSA initiative (S3000L)



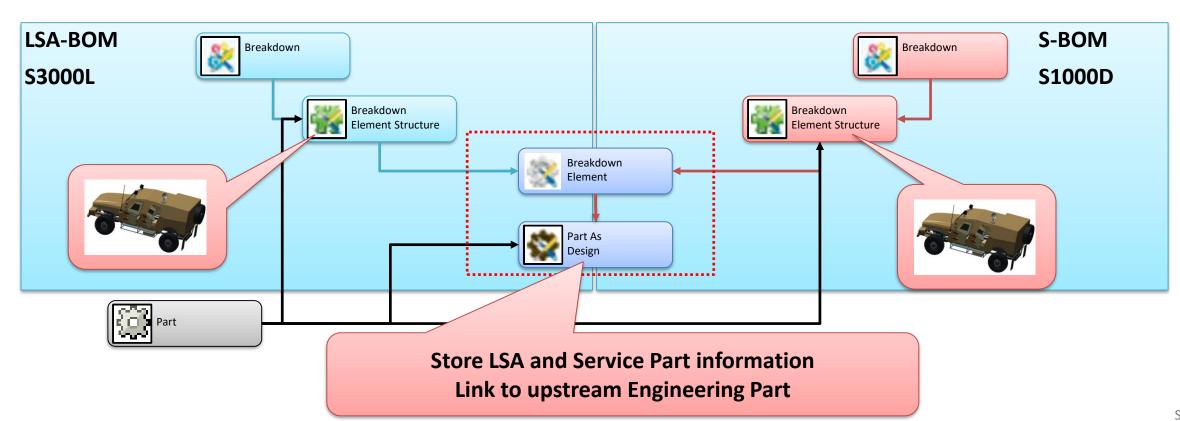






Integrating PLM, S3000L and S1000D into this thread



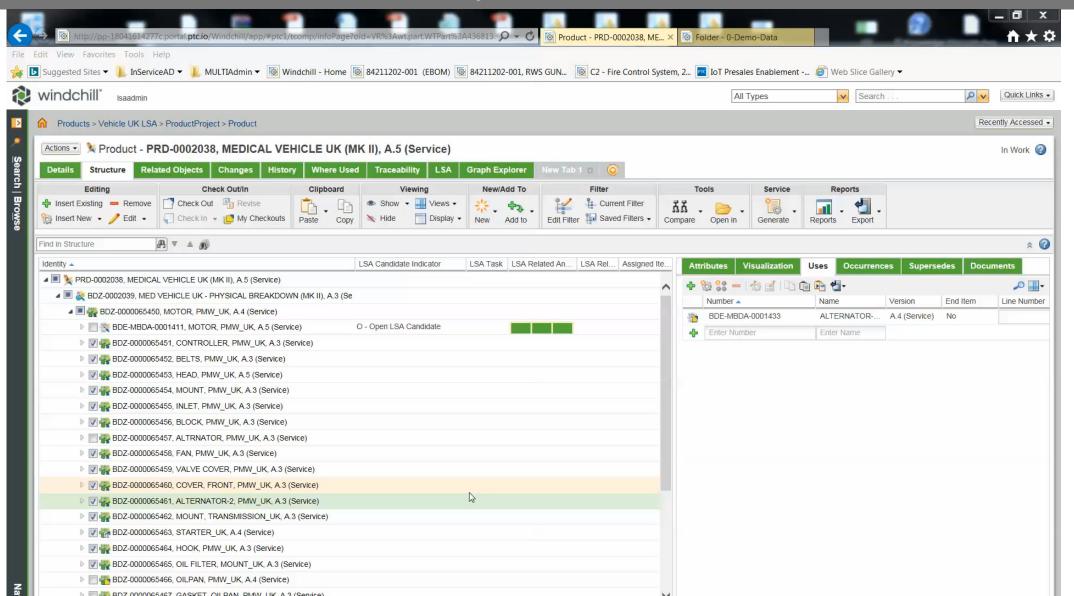








LSA analysis – candidate items

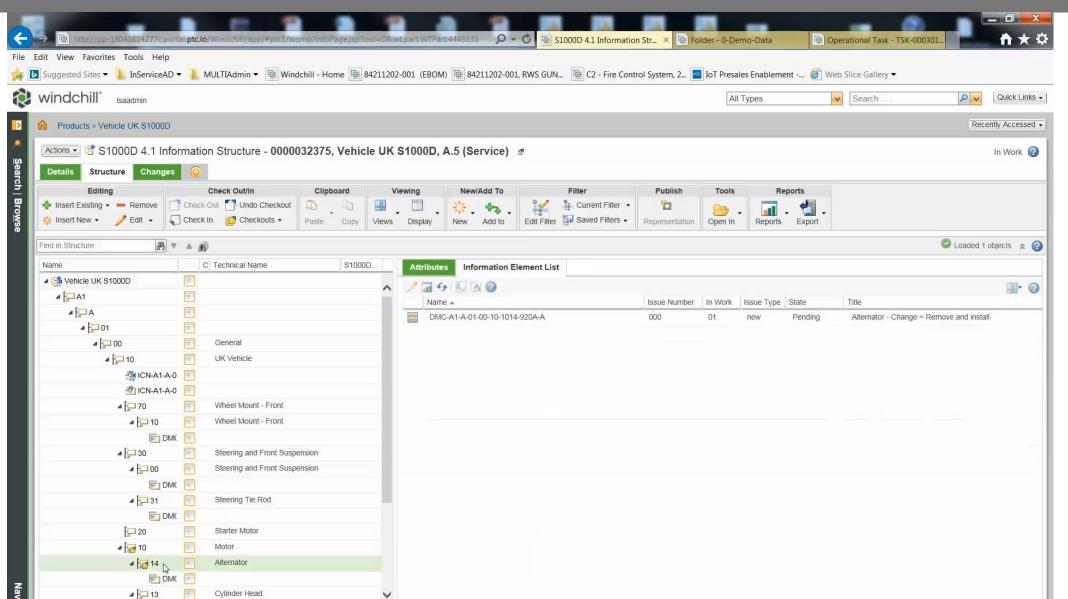








LSA to S1000D – Data Module Generation

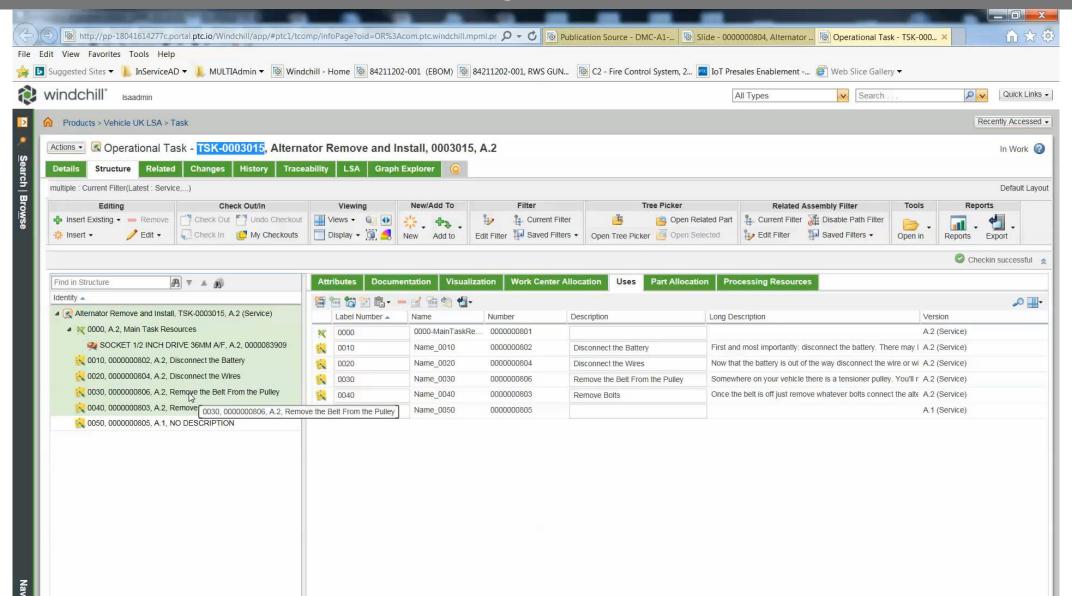








LSA to Training – PPT Generation





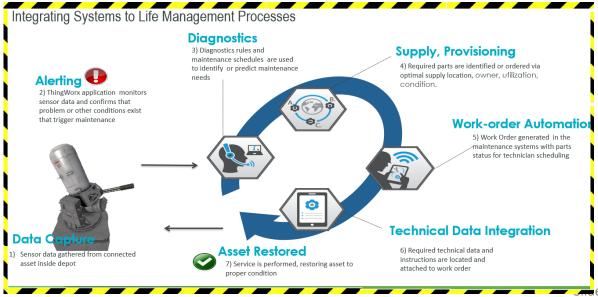




Think outside the box.. Think with the end state in mind...

- We have to unlock every technological advantage we can for our customers...
- We have to unlock the value of breakthrough technology such as IOT and Augmented Reality to train and equip the next generation of maintainers
- This is only possible at scale, if we institute a robust digital thread for sustainment and lifecycle support.
- We need to re think the way we do logistics to allow this.











Thank you

for your attention!

Questions?