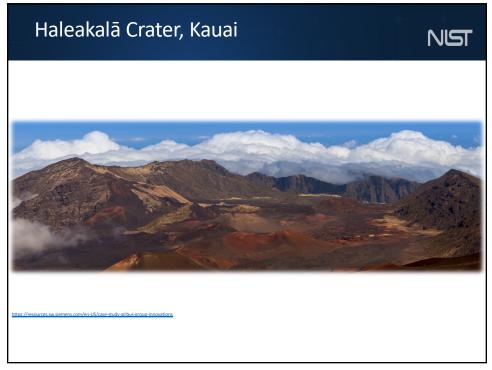


Agenda	NIST
1 Data What is data? How is it used with PDM to transfer knowledge.	2 Challenge There is a lot of data. Diverse constituents have to agree on how that data is exchanged.
3 Solution	4 Summary
Standards are essential. Development and testing efforts are continual improving the standards.	A digital definition is beneficial to anyone in the enterprise. The digital definition drives the successful weaving of the digital thread.



NIST AT A GLANCE			
***	3,400+ Na FEDERAL EMPLOYEES	tional stitute of Grandards and Technolo NOBEL PRIZES	A CAMPUSES GAITHERSBURG, MD [HQ] BOULDER, CO
	3,500 + ASSOCIATES	10 COLLABORATIV E INSTITUTES	400+ BUSINESSES USING NIST FACILITIES
JA ManufacturngUSA	NATIONAL OFFICE COORDINATING 16 MANUFACTURING INSTITUTES	51 MANUFACTURING EXTENSION PARTNERSHIP CENTERS	U.S. BALDRIGE PERFORMANCE EXCELLENCE PROGRAM



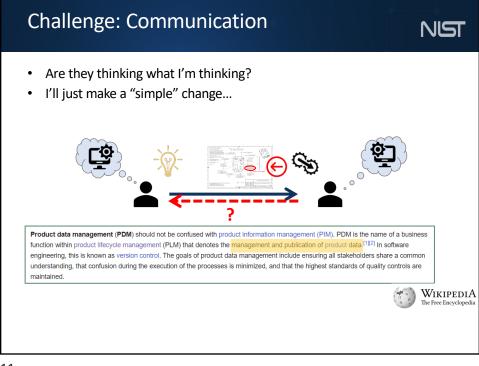


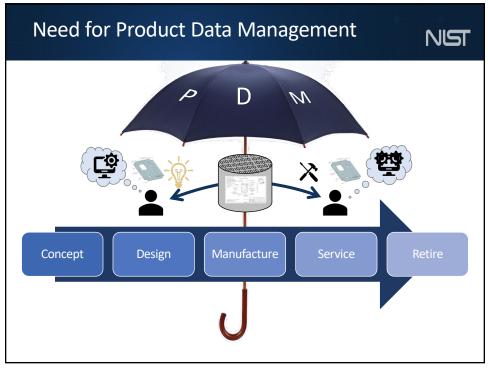


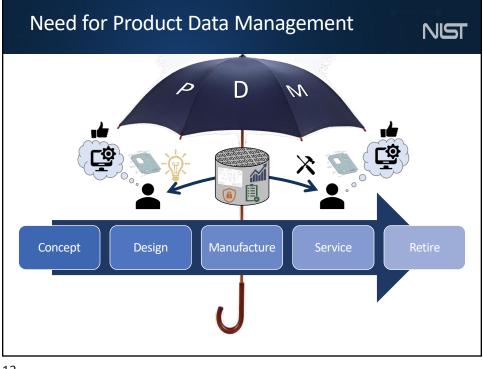




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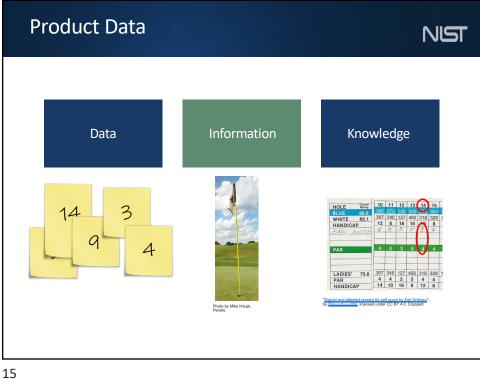




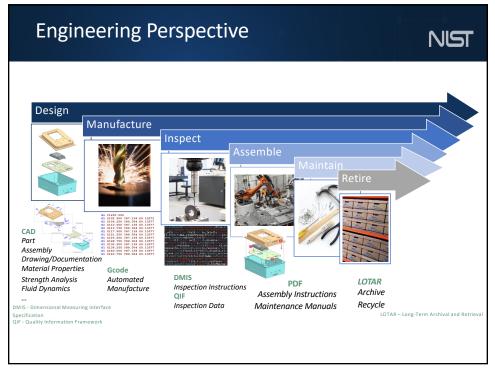












Multiple Formats	
Multi-CAD Acquisition OEM, Tier 1, Tier 2	
Reverse Engineer Slow to develop and error-prone Encrypted	Save as type: Part Files (*.prt) Navigat (EES Files (*.igs) STEP Files (*.stp) AutoCAD DXF Files (*.dw) Folders AutoCAD DXF Files (*.dwg) CATIA Model Files (*.dwg)
Moving Target Vendors develop at different paces Support new technology	CATIA VS Files (".catpart) ACIS Text Files (*.satp ACIS Text Files (*.sab) STEP242 compressed Files (*.stpz) STEP242 compressed XML Files (*.stpxz) Wavefront ASCII (*.obj) IFC Files (*.ifc)

