

## Digital Thread Adoption Calculator

Instructions: Place the appropriate score for each section within the corresponding highlighted cell. Once this has been done for each section, your Digital Adoption score will be instantly calculated at the end of the worksheet. When you finish, **email us** your results to request a free one-on-one consultation with specific steps on how your facility can enable the Digital Thread.



Continued on next page



Select <u>one</u> score for each section that reflects your current practices



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Production Process Definition		
Word or Powerpoint files for work instructions	1 point	
Database driven work instruction authoring and revision control with picture illustrations	2 points	
3D visuals for work steps based on 3D models. Parts linked to mBOM and eBOM in PLM system	3 points	_
3D Bill of Resources and 3D Bill of Processes linked to 3D models	4 points	
As-Built Product Unit Records	ı	
Inspection data collection and signatures on paper forms assembled into book for each product unit	1 point	
Operations completed, inspection data collection and signatures in database records for each product unit. Can print report to PDF for customer.	2 points	
Work performed is recorded in history and tied to engineering specifications. History available online for auditor search and review. As-Built records archived following ISO 32000 PDF/A/E standards	3 points	
All deviations to planned work and specifications are approved online and stored with historical records. Digital As-Built passed along with product to customer following ISO 10303 STEP standards	4 points	
Service Process Definition		
Service Manuals in PDF format. Word or Powerpoint files for task card work instructions.	1 point	-
Database driven task card authoring and revision control with picture illustrations linked to PDF manuals.	2 points	-
Task card authoring linked to online sections of OEM service manuals (or passed via S1000D standards)	3 points	-
3D visuals for work steps based on 3D models in PLM. Parts linked to mBOM and eBOM in PLM.	4 points	
As-Serviced Product Unit Records	ı	
Inspection data collection and signatures on paper forms assembled into book for each product unit	1 point	
Task cards completed, inspection data collection and signatures in database records for each product unit. Can print report to PDF for customer.	2 points	
Work performed is recorded in history and tied to engineering specifications. History available online for auditor search and review. As-Serviced records archived following ISO 32000 PDF/A/E standards	3 points	
All deviations to planned work and specifications are approved online and stored with historical records.  Digital As-Serviced passed along with serviced product to customer following ISO 10303 STEP standards	4 points	
	Total:	
<b>Grade Scale: A:</b> 90-100% <b>B:</b> 80-89% <b>C:</b> 70-79% <b>D:</b> 60-69% <b>F:</b> 0-59%	Score (%):	
2. 00 0//0 <b>2.</b> 00 0//0 <b>2.</b> 00 0//0 <b>1.</b> 0 0//0		