









Electronic Manufacturing Services System Supplier





VARIASS

High tech assembly & quality

Certified:

- ✓ISO 9001
- ✓ ISO 14001
- ✓ ISO 13485
- ✓ IPC-A-610
- ✓ AQAP 2120

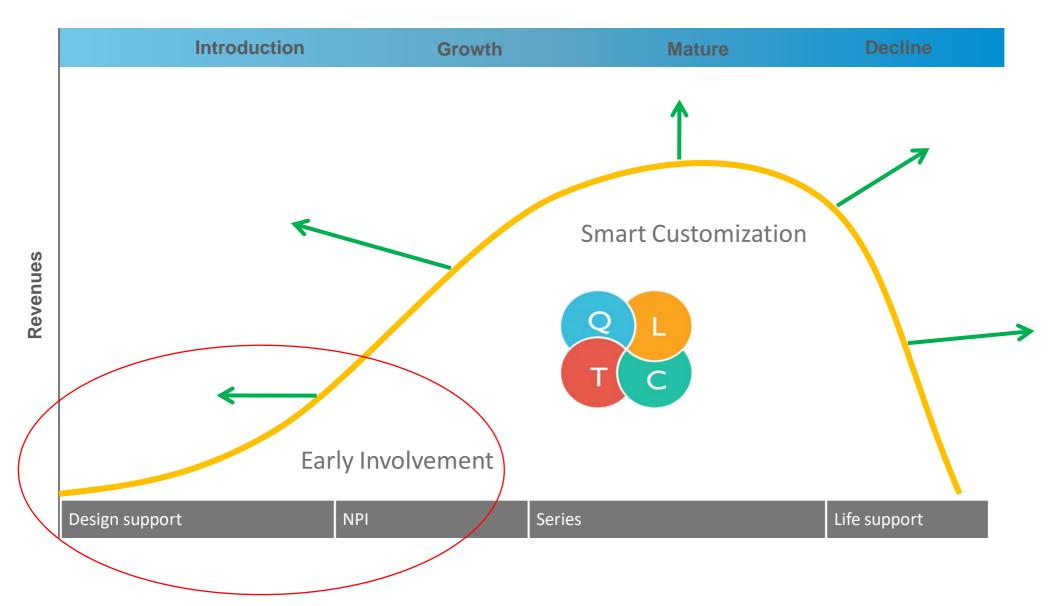






✓ Work according OHSAS 18001, ISO14971 (risk management) & ISO 26000 (MVO)

VARIASS





We enable your success

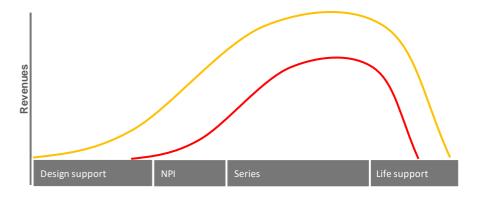


30/31 MEI & 1 JUNI 2017 JAARBEURS UTRECHT



Why early involvement?

- ✓ Avoid risks
- ✓ Avoid redesign
- ✓ Avoid re-certification
- ✓ Avoid delayed market introduction
- ✓ Avoid missed market share & revenues
- ✓ Keep the design stable during its lifecycle!



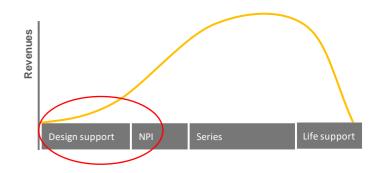


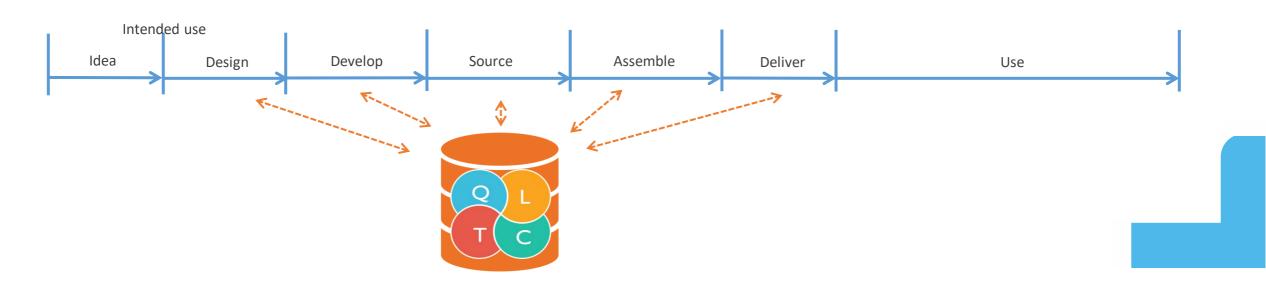




How?

- ✓ Design for eXcellence (DfX) checks to identify and mitigate risks
- ✓ Quality, Logistics, Technology & Total Costs
- ✓ Ensure correct and efficient assembly & traceability









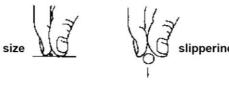


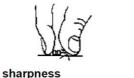
✓ Design for Assembly analysis

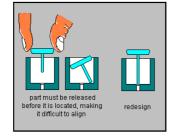
Handling > Placement > Process > Ease of assembly

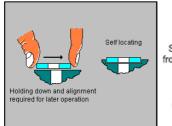


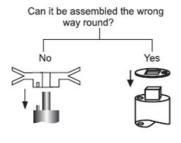


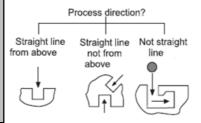








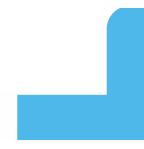














flexibility

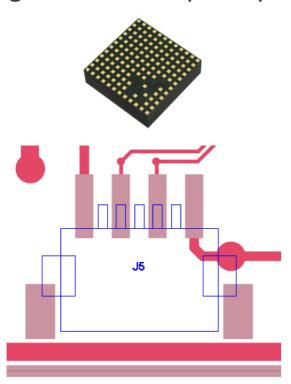


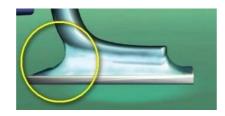


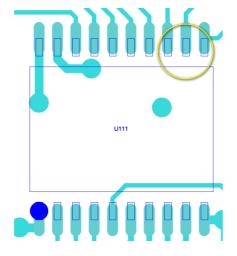


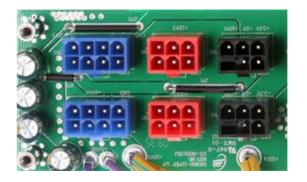


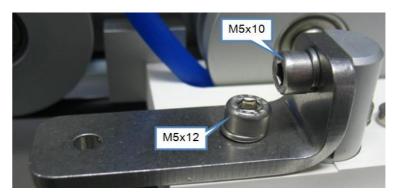
✓ Design for Assembly analysis















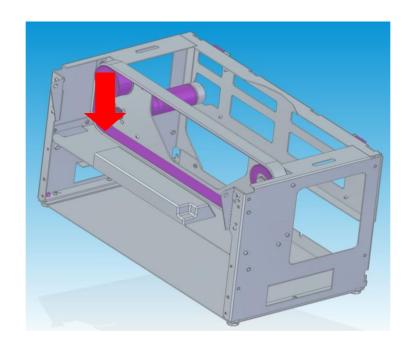


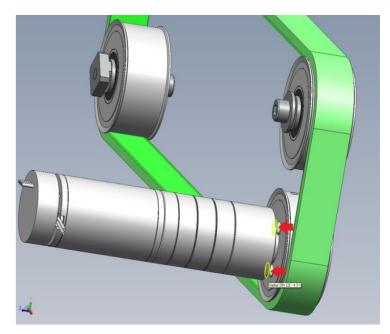




✓ Design for Assembly analysis











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- ✓ Design for Environment / compliancy analysis
- ✓ Input for Technical Construction Dossier (TCD)









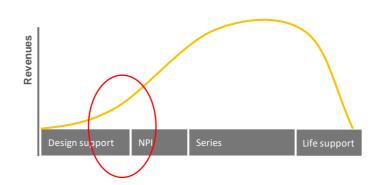




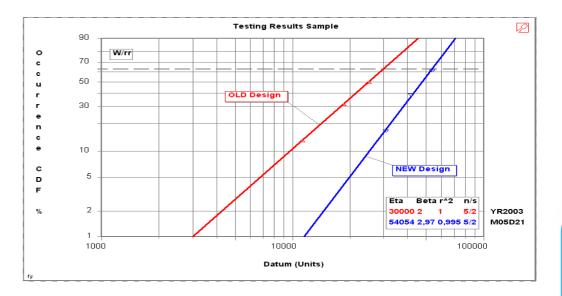


- √ Test for reliability
- √ Highly Accelerated Life Testing (HALT)
 - Testing for failure
 - Robustness
 - Define weak components for improvements
- ✓ Accelerated Life Testing (ALT)
 - Testing for life
 - Reliability
 - Predict lifetime









✓ Meer info? Seminar "Elektronica productie proces, design bepaalt TCO"



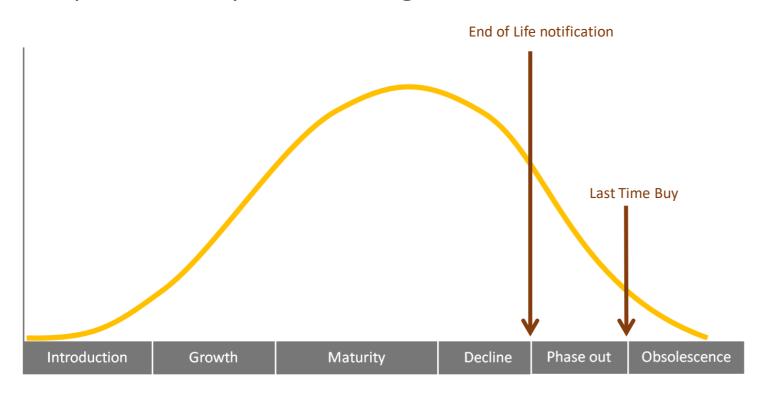








✓ Component Life Cycle monitoring



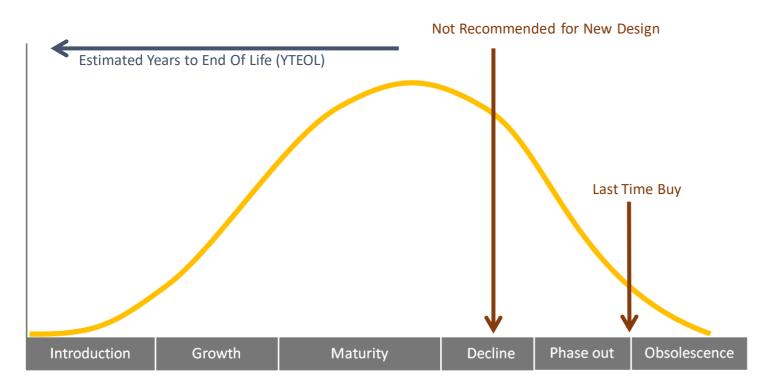








✓ Design for Supply Chain: Component Life Cycle prediction

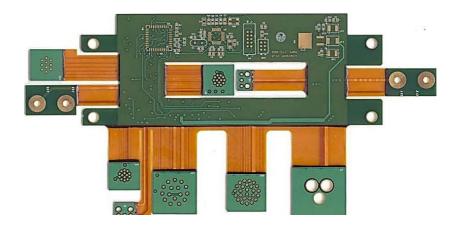


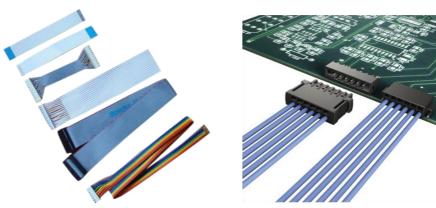




✓ Process & technology analysis





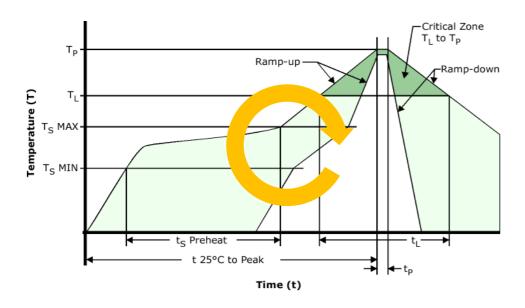


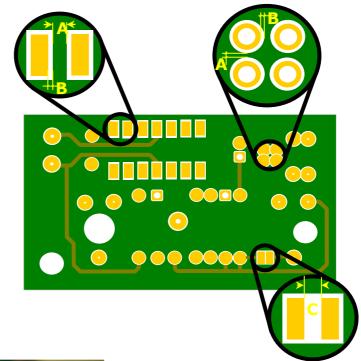




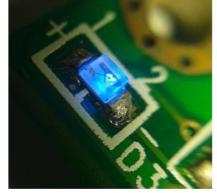


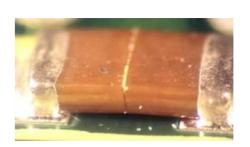
✓ Design for Manufacturing analysis













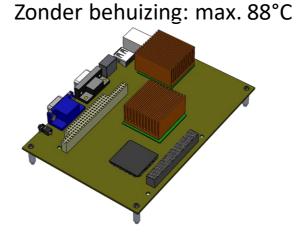


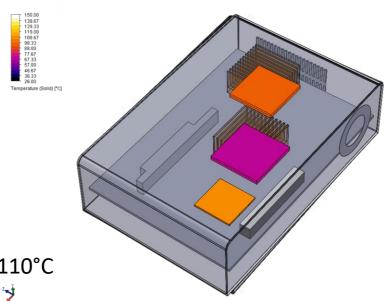




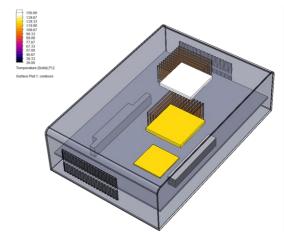
✓ Design for Reliability analysis



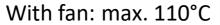








Natural convection: max. 150°C







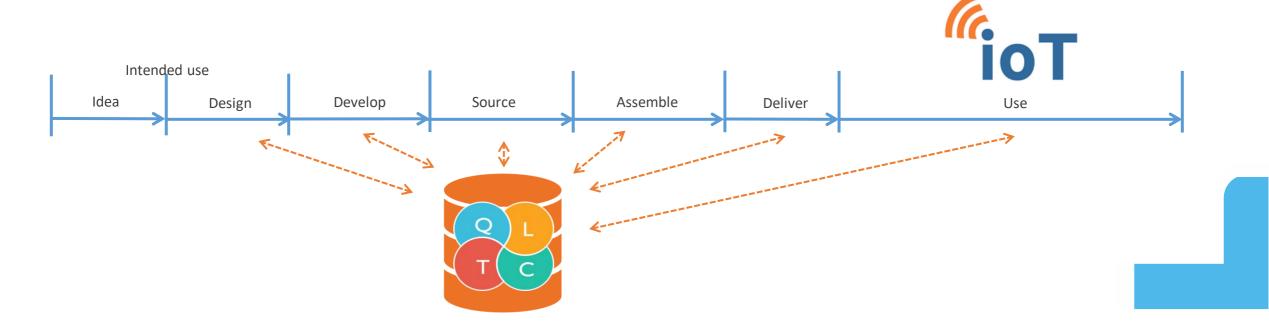






Future

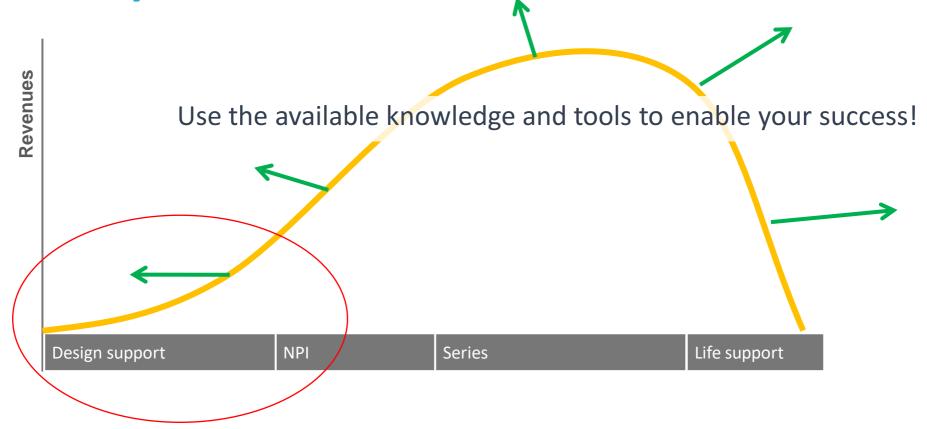
- ✓ Gather more and more product related data
- ✓ Analyze and use it to improve current and new designs and to provide service







Summary







Visit us at stand 7E060





