



***“Providing world-class quality and manufacturing solutions for
industry leaders”***

Organization



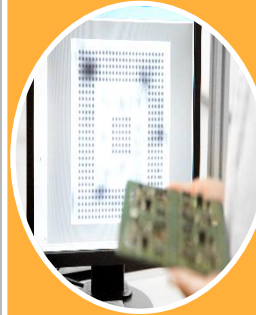
Development



PCBA



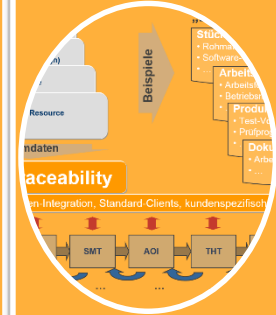
System/ Sub-System Assembly



ASAM



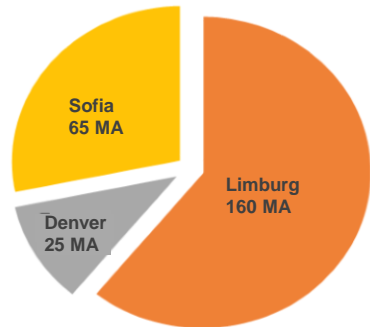
Production partner in Bulgaria



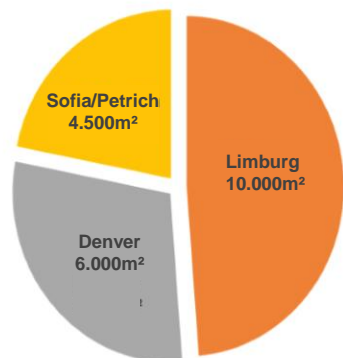
Industry 4.0

Smart Electronic Factory

Organization - history






















































Employees



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Organization - overview

Certifications		Location		
		Limburg	Denver	Sofia
ISO 9001:2008	Quality			
ISO 14001:2004	Environment			
ISO/TS 16949	Automotive			
RoHS	Restriction of hazardous substances			
ATEX	Explosive areas			
WEEE	Directives for electrical and electronic waste (WEEE)			
CE	2006/42/EG (machinery)			
GS	§ 21 Product Safety Law			
UL/CSA	Approval for the North American market			
CQC	China Quality Certification Center (CQC)			
Business Fields				
SMD	Automatic assembling			
X-ray	3D-AXI x-ray inspection			
THT	Manual placement			
ICT	Testing systems			 
Rework	Repair of assembly groups			 
Industry 4.0				
Manufacturing	Complexity electromechanical assembly			
Boxbuild	High end box-build assembly			
Engineering	Full engineering capabilities		 	 
Production facilities	Process, fixture and jig development and manufacturing			
Logistics	Broad logistics menu			 
Supply chain	Comprehensive supply chain services			

Industries served



Medical & Biotech

Security



Industrial

Consumer Electronics



Automotive

Aeronautics



Energy & Power

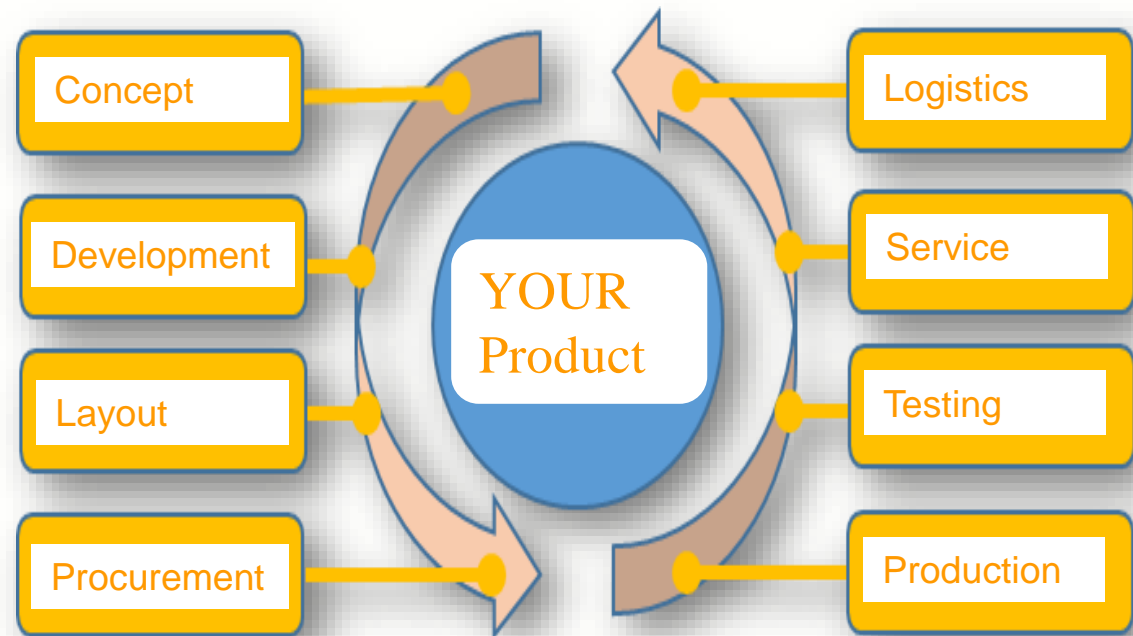
Information Technology



Why should you take EMS-Services?

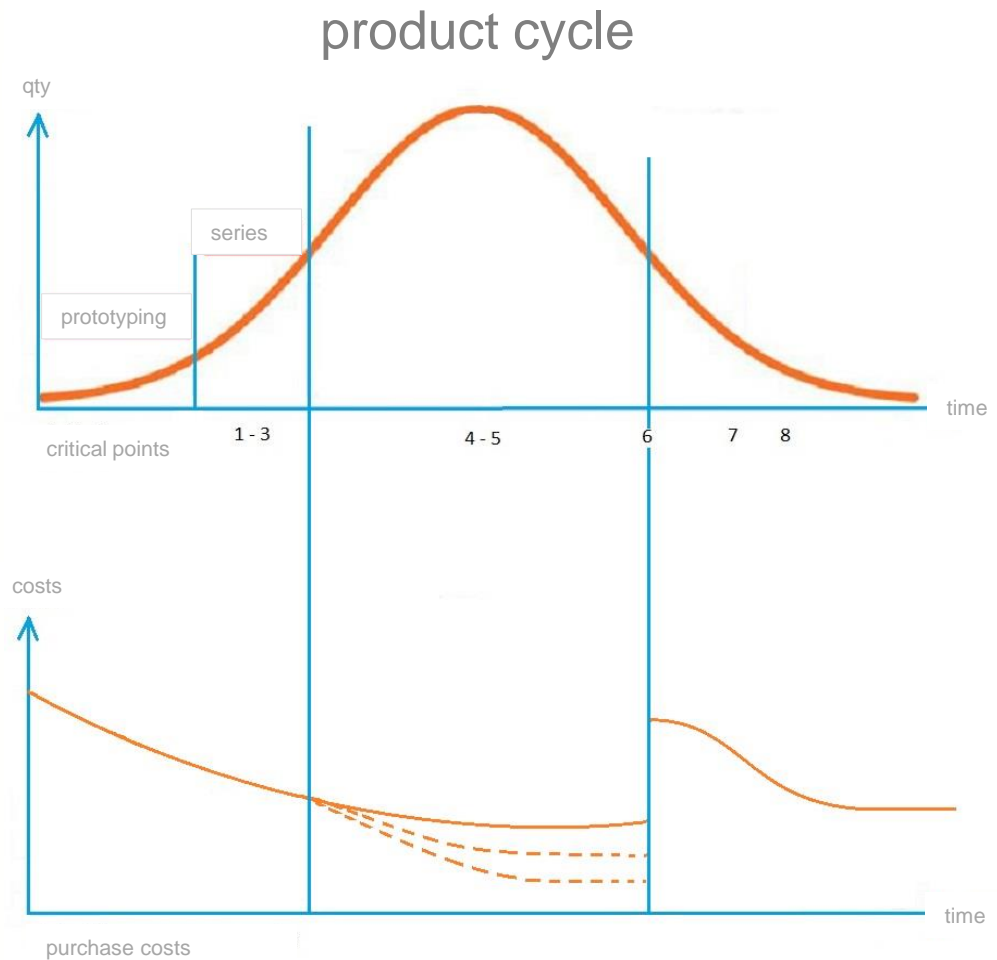
The collaboration with a company specialising in EMS-Services provides clear economic advantages

- economic production
- reduced financial commitment
- know-how expansion
- resource-efficient
- flexibility
- focus on core business
- materials management



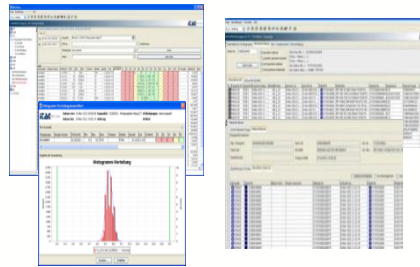
Advantages of EMS - Supplier

1. time to market
2. high invest during prototyping
3. production start-up (high initial costs)
4. serial production
5. planning of BCC strategies
6. discontinuation of components
7. OCM-checks / re-design
8. after sales / after market



Insights into the production

Production with state-of-the-art technical facilities guarantee a maximum of quality!



**Smart
Electronic
Factory**

www.smart-electronic-factory.com



Frankfurter Allgemeine

ZEITUNG FÜR DEUTSCHLAND

Sonderdruck aus der Frankfurter Allgemeinen Zeitung vom 1. Dezember 2014

Die Fabrik als Computer

Am Rand von Limburg steht die Zukunft der Industrie: Eine der ersten digitalisierten Produktionsstrecken

LIMBURG, 30. November. Gerd Ohl hat seinen Betrieb herausgeputzt. Die neuesten Maschinen, die neueste Technik, die neuesten Prozesse. Viele Computer und noch mehr

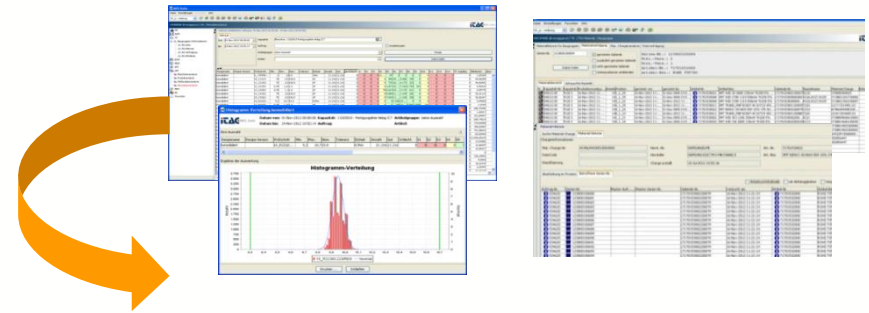
in Dresden eines der modernsten Werke der Halbleiterbranche stehen. Die Digitalisierung ist auf dem Vormarsch. Limburg steht dank Limtronik an der Spitze

vices, 125 Millionen Euro in die Ausrüstung mit leistungsfähigen Netzwerken und rund 80 Millionen in neue Computerprogramme. Das Thema „industrielles Internet“ sei für

Traceability – component and test data collection

Software for acquisition of manufacturing information

- bill of material, routing, material and order management
- serial number management and administration including customer serial number
- packaging and batch management
- material and stock management
- setup and placement information
- testing and measurement data acquisition (optical and electrical systems)



By traceability collected data the core of our smart electronic factory arises (which is part of Industry 4.0)

Have a look at Limtronik's smart electronic factory:



**Smart
Electronic
Factory**

Additional skills

- customer support by project leader
- layout support
- soft- and hardware development
- OCM-Check (Obsolete Component Management)
- professional and individual rework
- laser marking
- extra assembly on request
- cable assembly
- customer-specific package and shipping
- calibration
- fixture construction (AutoCad, SolidWorks)
- product documentation
(.chm, Winhelp, Javahelp etc.) ,
- initial sample test report according
to VDA 2 (TS16949)





Thanks for your attention!