

# ADVANCED MANUFACTURING PROJECT ENGINEER

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## SUMMARY

Reaching now a solid 10-year experience I have successfully completed my second project lifecycle as PLM/MES PMT (Process Method Tools) project lead in the UAE, after contracting for Airbus as PLM team lead & Paperless Project lead. I am now seeking new challenges in my expertise field as an Advanced Manufacturing Engineer or I wish to combine this experience with a role as Business Development Manager.

**Key words:** Senior, Engineering, Aerospace, Project Management, PLM, MES, ERP, Configuration, IoT, shopfloor, big data

**References:** on demand

## EXPERIENCES



### STRATA MANUFACTURING / MUBADALA GROUP



Abu Dhabi, UAE



Since Sept. 2013

Aircraft composite tier-2 manufacturer (A380/A350 Flap Track Fairing, A330/A340 Ailerons/FTF/Spoilers, A350 Inboard Flap/Flap Support Fairing, B787/B777 ribs)



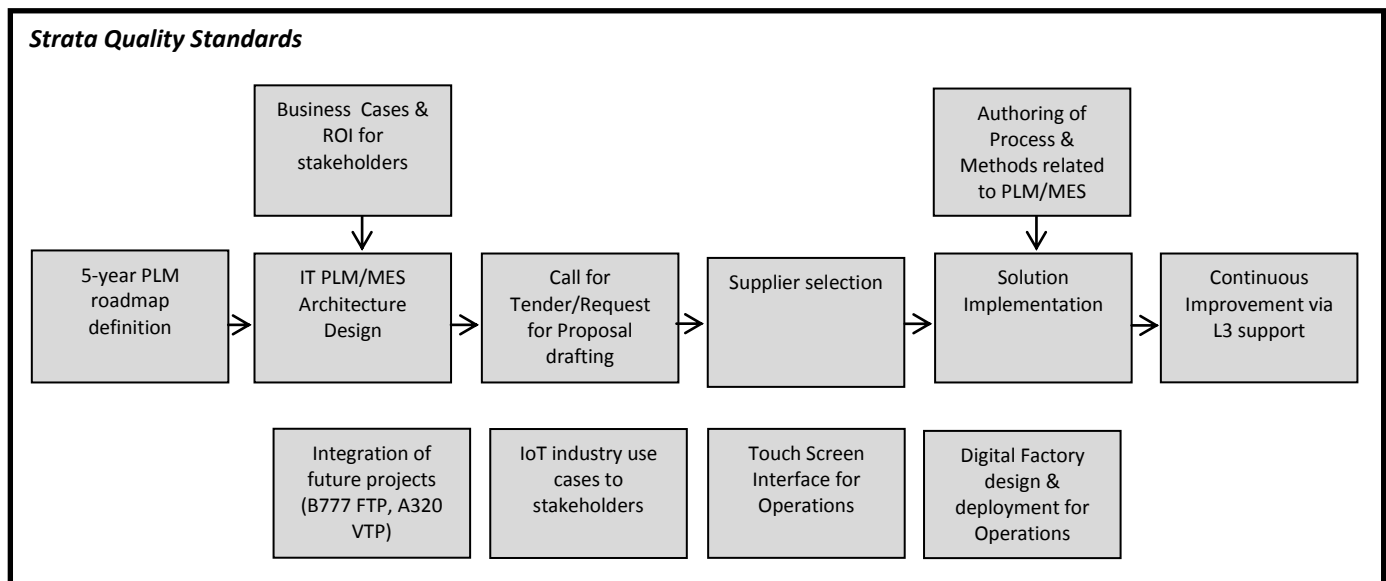
#### PLM/MES PMT Project Lead



Design & Deployment of a 5-year digital & paperless factory vision.



#### Responsibilities:



### AIRBUS SAS on behalf of AKKA Engineering

Aircraft European OEM



#### Shop floor Paperless Project Lead



Toulouse, France



2012 / 2013



Management of trans-national/trans-program project aiming the use of mobile devices by Operations (KMJ)



#### Responsibilities:

- Interface with Business for Requirements definition & with IT for Specification Dossier definition
- Participation in Call for Tender/Request for Proposal drafting & bidder selection
- Business Cases & ROI preparation for stakeholders & animation of Steering Committee meetings
- Touch Screen Interface for Shop Floor Operations design & deployment for Business
- Paperless Factory design & pilot deployment for Business



#### SAP/DELMIA PLM deployment support Team Lead



Broughton/Filton, UK



2009 / 2012



SAP/DELMIA PLM deployment support team leader for A350 XWB Program (OEDM)



#### Responsibilities:

- Management of 8 SAP/DELMIA Engineers across 4 countries (UK, FR, GE, SP)
- Deliverables/KPI follow-up/BAT-FAT tests on Product Life Management Project to Airbus Central Entity
- Expertise supporting SAP/DELMIA/SOI/MEGA2 integration within A350 XWB ME
- Expertise in harmonizing common transnational Manufacturing Engineering methods (AOPM/ABP)
- Drafting of DELMIA « Airbus Methods » & Training material (2009/2010/2011)
- SAP/DELMIA/MEGA2 training delivery to Airbus UK Manufacturing Engineers & Heads (<200)



Chemical company specialized in formulation, manufacturing, conditioning & distribution of resin-based adhesives  
(VIE, International Voluntary in Enterprise)



Ales, Philadelphia, Tunis, Montreal



2006 / 2008



### Manufacturing Engineer



Improvement of manufacturing US procedures and set up of a new manufacturing unit in Tunisia.



#### Responsibilities:

- Improvement of production unit: re-organization of the production line, improved training for on-site operators.
- Implementation & enhancement of internal procedures: stock management (inventory, supply chain), quality control, client feedback & non-conformance.
- Business development with new customers

## TECHNICAL & PERSONAL SKILLS

### Strong Aeronautics & PLM Culture

- Composites, Methods/Tools definition & Integration, FAA Part 21 compliance, trans-programs, Concessions & Outstanding Work, Quality Process, GRAMS, Export Control, Kaizen, Manufacturing Engineering, Design Engineering
- PLM & Model Base Definition culture
- **Process Planning & balancing tool:** DELMIA E5, DELMIA V6, MDM-PP, AVL2 (Airbus Training)
- **DMS & Design:** ENOVIA V6 & CATIA V5 & 3DEXperience Platform
- **Configuration Management:** Process & MEGA2/CAIR (Airbus Training)
- **Windchill:** A350 PDMLink/ESDB/PRIMES SYSTEM VIEW (Airbus Training)
- **Simulation tool:** DELMIA V5, DELMIA V6, QUEST, DELMIA FULL3D.
- **ERP tool:** SAP (AR) & MRP – Airbus training
- **Lean Instruction:** SOI WIGen / ME DMS – Airbus training
- **Manufacturing Execution System:** DELMIA Operations & APRISO
- **MTM:** Trained & experienced in MTM industrial time control - Airbus TiCon Training
- Kaizen training

### Strong Project Management Culture

- 2 full project lifecycles completed
- Request For Proposal, Requirement Dossier, Specification Dossier, User Acceptance Test, Business Case, Return On Investments
- Business & IT Process mapping experience (UML)
- AGILE / ITIL aware
- IT architecture experience i.e. server management, LDAP integration, xml, web-service, BAPI.

### Strong communication skills

- Fluent in English (TOEIC 2008: 975) + 10 years abroad
- Training delivery experience in English language (200 days)
- 5 box report, KPI creation, GANTT, MS Project©, GPP & LBIP (Airbus)
- Proficient in Microsoft Office

## EDUCATION



### University of Lyon 2, Department of Economics & Business Management

Master 2 degree in Business Management, specializing in Innovation & Intellectual Property Management



Lyon, FRANCE



2006



### Polytechnique School of Lyon (ISTIL)

Master degree in Mechanical Engineering (diplôme d'ingénieur)



Lyon, FRANCE



2005

Junior Year abroad in 2005 at **Tulane University**



New Orleans, USA



2005

## INTERESTS

• Passionate world traveler • Geopolitics • Handball, trekking, weight lifting • History