



Industrial Engineering

A build concept for an industrialisation process

Industrialisation customised to each client's specific requirements

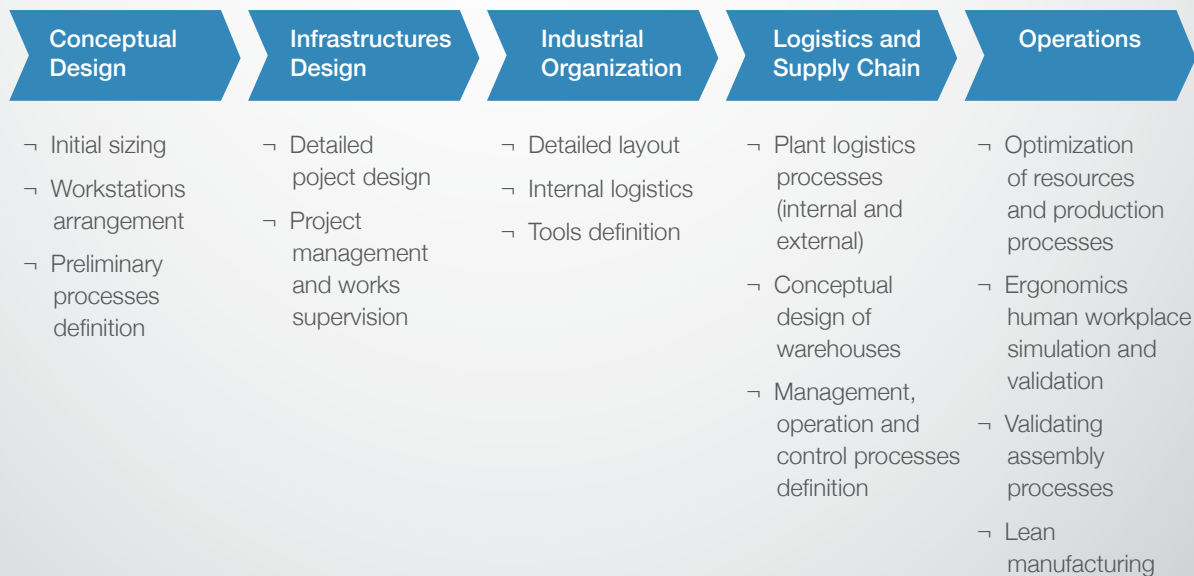
Highly experienced consultants with a thorough understanding of capabilities that cover the full industrial lifecycle of aeronautical facilities. A global vision, from concept to operations, using the Lean methodology and addressing all aspects of the infrastructure and industrialisation setup, customised to each client.



From concept to operations, using the Lean methodology

Industrial Engineering services

www.aertecolutions.com





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Operation analysis

Analytical simulation

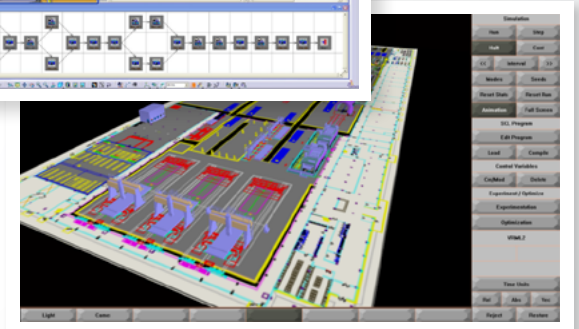
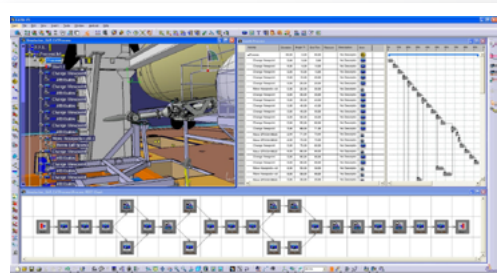
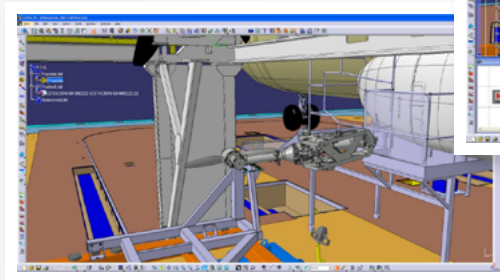
Delmia quest

- Layout design
- Machines/jigs capacity analysis
- Check different scenarios
- Production line balancing and sequencing
- Flow of material optimization
- Inventory levels optimization
- Bottleneck analysis

Physical simulation

Delmia V5 DPM

- 3D and 2D graphics
- Clash analysis
- Validating assembly processes
- Ergonomics validations
- Video simulations



Our projects speak for us

Airbus D&S

- Industrial and logistics organisation A400M FAL –Seville (Spain)
- Logistics planning of the factory floor and industrial organisation of CN235/C295 FAL –Seville (Spain)
- Industrial and logistics organisation of hangars to convert A330 commercial aircraft into Multi-Role Tanker Transports (MRTT) –Seville (Spain)
- Logistics and industrial organisation of new Airbus plant –Harbin (China)
- Industrial organisation and setting out plans A400M FAL & CN235/C295 FAL External Logistics Centre (ELC) –Seville (Spain)
- Internal logistics and layout of the new SK3000 plant (Aeropolis Business Park) –Seville (Spain)

Agusta Westland

- Maintenance and Repair Operations Air Base 6 –Montijo (Portugal)
- Full In Service Support (FISS) Operations review –Montijo (Portugal)

