



**ARTS**  
EXTENDING YOUR SUCCESS

# ARTS Industrial Engineering

Your Partner for Business Process Outsourcing (Workpackage)

# Agenda

Workpackage Service

Portfolio

References

Co-operative advantages



# ARTS Standorte

Augsburg  
Berlin  
Bordeaux (FR)  
Bremen  
Buxtehude  
Donauwörth

**+26**  
Project Sites  
in Europe

**Dresden**  
Faßberg  
Filton (UK)  
Frankfurt (Main)  
Friedrichshafen

**Hamburg**  
Hannover

Hof  
Kassel  
Cologne  
Laupheim  
Leipzig  
Manching

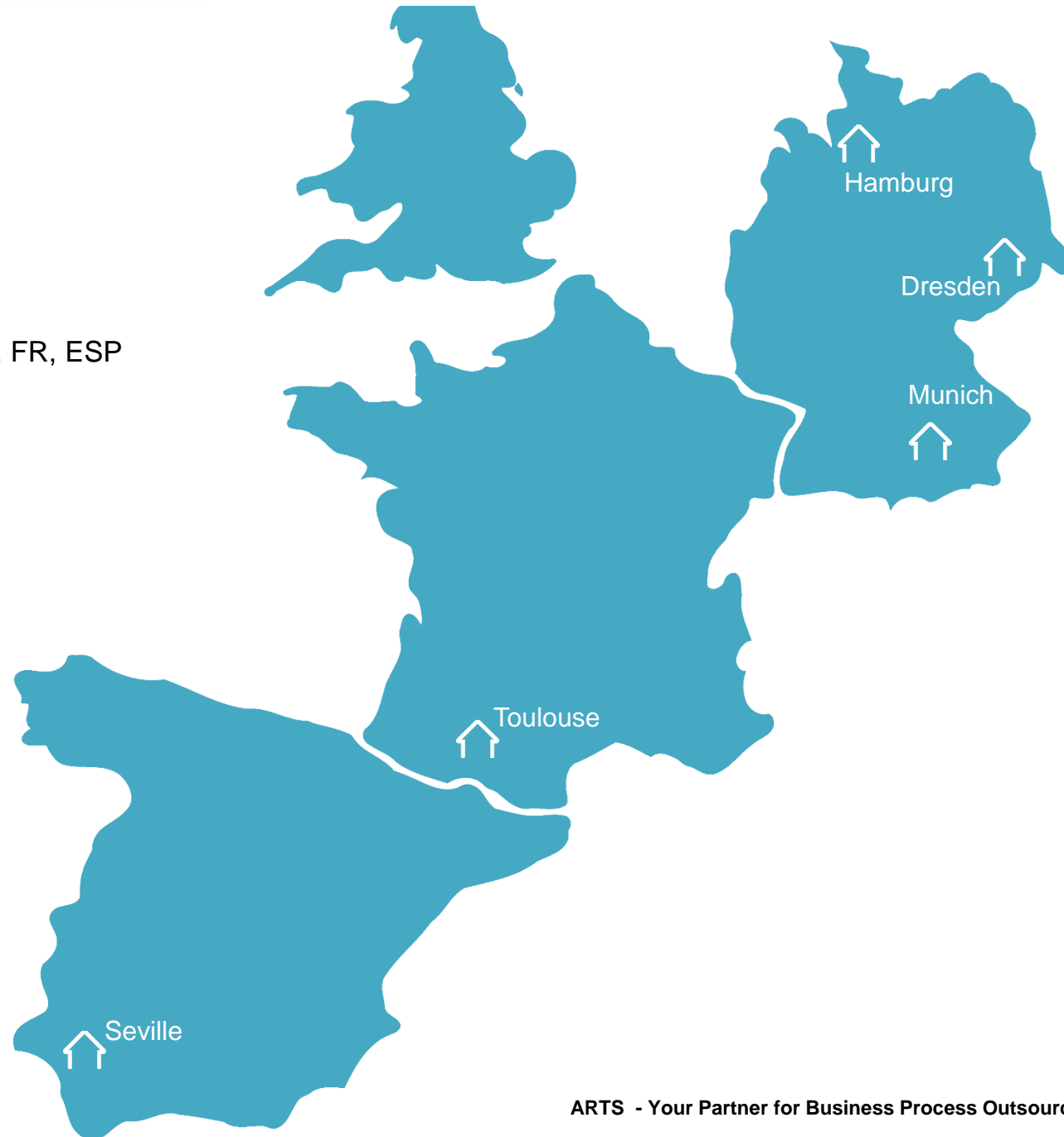
**Munich**  
Nordenham  
Oberpfaffenhofen  
Ottobrunn  
Rostock  
Rüsselsheim  
Saint-Nazaire (FR)

**Seville (ES)**

Stade  
**Toulouse (FR)**

Ulm  
Varel

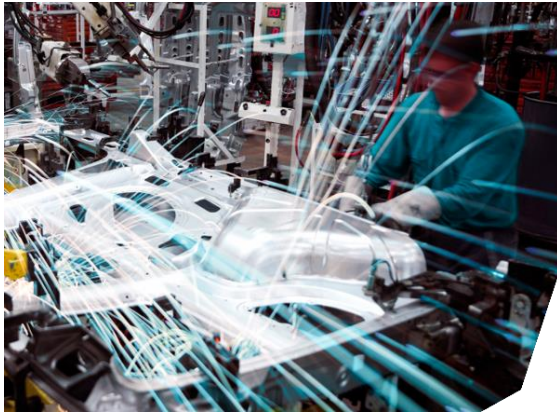
 **5**  
Sites  
in GER, FR, ESP



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# Portfolio

For many years, ARTS has been taking on technological responsibilities for the high-tech industry and supports their customers with their expertise exactly where it is needed.



## INDUSTRIAL ENGINEERING

- Manufacturing & Engineering Services
- Production & Industrial Support Services
- Logistics & Supply Chain
- Quality Management & Services



## TECHNOLOGY CONSULTING

- Systems Engineering
- Production Engineering
- Quality Engineering



## HR SERVICES

- HR Consulting
- Executive Search & Personnel Placement
- Temporary Employment

## Core competence of ARTS Industrial Engineering in detail

BPO Services	Activities
<b>Manufacturing &amp; Engineering Services*</b>	<ul style="list-style-type: none"> <li>▪ Engineering Requirements Evaluation</li> <li>▪ Drawing Review for Producibility</li> <li>▪ ME Coordination &amp; Implementation</li> <li>▪ Work Order &amp; Job Card Creation</li> <li>▪ BoM constitution &amp; management</li> <li>▪ Technical Instruction Creation</li> <li>▪ ME-Shop floor Support</li> </ul>
<b>Production &amp; Industrial Support Services*</b>	<ul style="list-style-type: none"> <li>▪ Production take over</li> <li>▪ Production Shop Floor Support</li> <li>▪ Workforce Augmentation</li> <li>▪ Machine Tool Control</li> <li>▪ Technical Facility Management</li> </ul>

**\* Maintenance Part-145 under customers' responsibility:**

*“Working under the quality system of an organization appropriately approved under Part-145 (sub-contracting) refers to the case of one organization, not itself appropriately approved to Part-145 that carries out aircraft line maintenance or minor engine maintenance or maintenance of other aircraft components or a specialized service as a subcontractor for an organization appropriately approved under Part-145.”*  
 (nach: AMC/GM TO ANNEX II (PART-145) TO REGULATION (EU) No 1321/2014)

# Portfolio

## Core competence of ARTS Industrial Engineering in detail

BPO Services	Activities
<b>Logistics &amp; Supply Chain*</b>	<ul style="list-style-type: none"><li>▪ Vendor Identification</li><li>▪ Vendor Selection &amp; Development</li><li>▪ Procurement</li><li>▪ Material Handling</li><li>▪ Material Review</li><li>▪ Inventory</li></ul>
<b>Quality Management &amp; Services*</b>	<ul style="list-style-type: none"><li>▪ Quality Assurance</li><li>▪ Quality Inspection &amp; Control</li><li>▪ Incoming &amp; First Article Inspection</li></ul>

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(nach: AMC/GM TO ANNEX II (PART-145) TO REGULATION (EU) No 1321/2014)*



# References

 **AIRBUS**
 **Rolls-Royce**
 **MSI**
 **AIRBUS HELICOPTERS**
 **ZODIAC AEROSPACE**

 **AIRBUS DEFENCE & SPACE**
 **DIEHL**  
Aircabin
  **Lufthansa Technik**
 **EFW**  
An Airbus and ST Aerospace Company
 **PREMIUM AEROTEC**

**Together ahead. RUAG**
 **IMA DRESDEN**
 **GAMA**  
GERMAN AIRCRAFT MAINTENANCE
  **UTC Aerospace Systems**
 **OHB**

 **sabena technics**
 **SAFRAN**
 **HOMAG GROUP**
 **FFT**



**Further Success Stories**  
[arts.aero/references](https://arts.aero/references)



# Reference Projects

ARTS independently takes over projects in the following areas:

## **Production & Industrial Support (Dresden)**

- Modification of A380 door construction (according to EASA directive 2014-0253)

## **Production & Industrial Support (Filton)**

- Responsibility of test repair, technical & physical repair services
- Test repair of A321 Wing-repair at Filton

## **Logistics & Supply Chain (Bordeaux)**

- Development of an A350 warehouse management system

## **Logistics & Supply Chain (Toulouse)**

- Check up of transport racks and special tools
- Subproject A350 Line Support, Shop Floor Support, Logistics, Toolshop Management, Freestock Management, Hazardous Material Management



# Co-operative Advantages



## Increase Business Flexibility

- Reduction of your personnel costs (conversion from fixed to variable costs)
- Synchronization, parallelization and acceleration of processes
- Focus on your core competences

## Optimisation Potential

- Reduce process effort
- No buildup of new resources
- Show up improvement potential

## Taking Responsibility

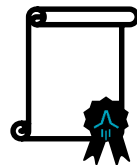
- Keeping your knowhow ensured by NDA's and compliance guidelines.

# Co-operative Advantages

Aerospace companies strengthen their businesses with ARTS' expertise. With our expertise, we help you to gain a lead on the market.



- Member of **GPM** (Deutschen Gesellschaft für Projektmanagement e.V.) and **IPMA** (International Project Management Association)
- Realization projects according to **DIN 69901**
- Assurance that the project is finished within schedule and to budget



- Knowledge of the current and future quality and safety requirements of the market
- **DIN ISO 9001** certification since 2007
- **AS9100** certification for the aerospace industry



- **Aerospace associations** throughout Germany and regional societies inter alia BDLI, "bavAIRia", Hamburg Aviation, "Forum Luft-und Raumfahrt e.V."
- Development support to the industry
- Expansion expertise in the field



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