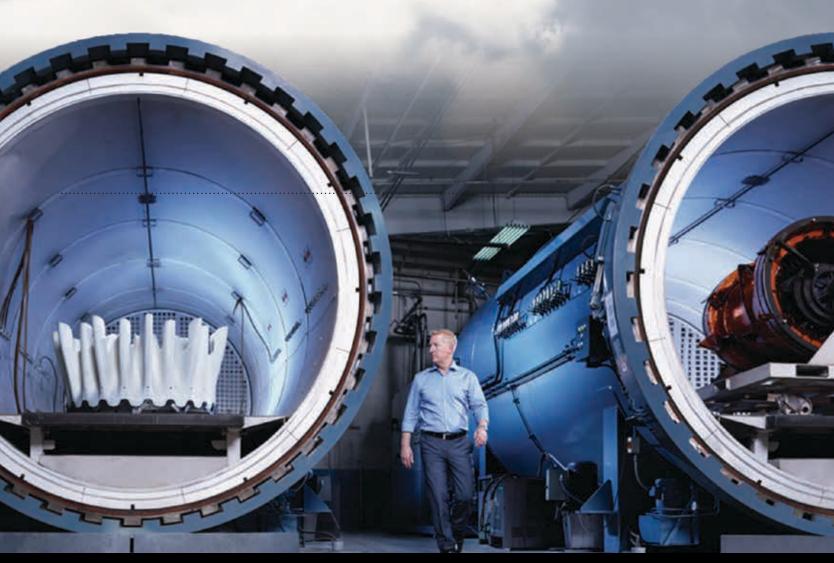


# World class Automated Assembly and Machining Systems for industries

MECHANICAL & INDUSTRIAL STUDIES, DESIGN TO BUILD INTEGRATED ASSEMBLY & PRODUCTION LINES. DESIGN TO BUILD ON SPECIFIC TOOLS

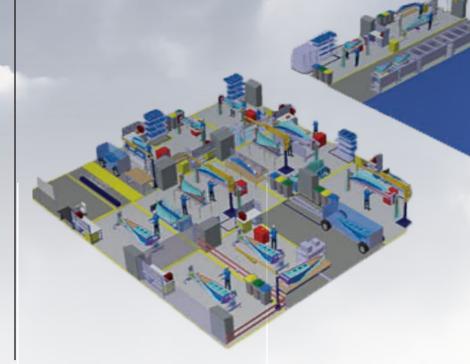
**ASCENT AEROSPACE** is a vertically integrated organization that includes resources and capacities that span through process engineering, mechanical & controls design, tooling, and automation Ascent has an in-depth understanding of the customer's needs to ensure the best valued solution





# ENGINEERING SERVICES

Pased on our experiences of major industrial projects with Airbus, we help our customers find optimized solutions to their industrial needs, minimize capital expenses and recurring costs while ensuring technical feasibility and performances, providing reliable costs and time estimations.



### WHAT WE OFFER

- PRODUCT/PROCESS ANALYSIS
  - RATE ANALYSIS
  - FLOW ANALYSIS
  - TIME ANALYSIS
  - LAYOUT
  - RESOURCES DEFINTION
  - AUTOMATION STUDY
  - COST ESTIMATION
  - 4.0 SOLUTIONS

## YOUR BENEFIT

- OPTIMIZE:
  - · COST OF PRODUCTION
  - FLOW
  - SURFACE
  - RESOURCES

## **RESULTS**

- YOUR RATE IS GUARANTEED
  - ROI IS INCREASED ► CAPEX
  - COST OF PRODUCTION IS DECREASED ► OPEX

# INTEGRATION SERVICES

We provide turnkey solutions, complex set of tools, stations, assembly lines for the industry, as well as transfer and upgrading services with an unequaled on-time and on-quality delivery.



MAJOR PROJECTS

COMPLEX TURNKEY PRODUCTS





INDUSTRIAL TRANSFER

**UPGRADING** 



## PROCESS DEFINITION

- FEASIBILITY STUDY
  - PRELIMINARY DESIGN
  - FLOW ANALYSIS
  - LAYOUT
  - AUTOMATION STUDY

## DETAILED DESIGN

- DETAILED LAYOUT
  - MECHANICAL DESIGN
- STRESS CALCULATION
- AUTOMATION DESIGN
- ERGONOMIC STUDY
- QUALITY PLAN
- RISK ANALYSIS
- FMEA
- CONFIGURATION MANAGEMENT

# MANUFACTURING AND ASSEMBLY

- SUPPLY CHAIN MANAGEMENT
- QUALITY INSURANCE
- QUALITY CONTROL
- V&V PLAN

# INSTALLATION AND PRODUCTION ASSISTANCE

- ASSEMBLY AND INSTALLATION
- TESTING AND START OF PRODUCTION
- RAMP-UP
- TRAINING
- ASSISTANCE
- MAINTENANCE
- WARRANTY



We enable you to produce with the highest level of safety, quality, availability, by supplying fast and tailored solutions.



DEFINE THE NEED

CO-CREATE
THE SOLUTION

MANUFACTURE AND ASSEMBLE

TEST & FINE TUNE

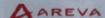
# **OUR** SUPPLY CHAIN

- 300+ homologated suppliers
- · multi-fields
- Strategic partners
- Low cost suppliers
- Homologation process
   Regular audit



# ASCENT INTEGRATION OUR EUROPEAN OPERATIONS

Coming from the nuclear industry, developed in the aviation, conquering new sectors



2003 Encouraged by Airbus, Areva TA decided to diversify and create a business unit dedicated to Aerospace projects located in Toulouse

#### ASCENT AEROSPACE

2014 The Ascent Aerospace group bought the business unit to create Ascent Integration SAS



2016 The company reached 50 people and 50 M€ turnover



**2018** Ascent starts a diversrfication strategy to sustain its growth

#### 2005

The Aerospace business unit supplied the tooling of the finishing and testing stations of the A380 Final Assembly Line (FAL).



#### 2009

The business unit won a series of contracts for the industrialization of the Airbus A350 in Toulouse, Nantes, Saint-Nazaire and Hamburg



The company opened offices in Saint-Nazaire, Broughton and Hamburg

#### 2017

Ascent made the assembly stations for the new Airbus cargo aircraft Beluga XL





## **OUR** 4 OFFICES



## **OUR** 3 SERVICES



MECHANICAL ENGINEERING & INDUSTRIAL STUDIES INTEGRATION JIGS & TOOLS

# Why Choose Ascent Integration?

#### A BROAD RANGE OF EXPERTISE AND SERVICES

- Ascent Integration has more than 16 years experience on complex industrial projects providing:
  - » a high degree of expertise in mechanics, automation and utilities
  - » a large scope of services that have served more than **50** customers.
  - » the support of a highly technical and diverse team to allow us to offer additional *products and* manufacturing services including mold tools and drilling and fastening solutions.

#### STRONG AND RECOGNIZED PROJECT MANAGEMENT SKILLS

- We perfectly execute our project thanks to our very skilled and committed employees.
- We can address *national as well as transnational projects*.
- We have a very **robust and competitive supply chain** all over Europe.

3

#### AN UNSHAKEABLE COMMITMENT

- We perform regular progress meetings with our customers in order to deliver on time, on quality, and on cost in full *transparency* on our operations.
- 200+ successful projects with a high level of satisfaction from our customers.

#### **FUTURE ORIENTED**

• A disruptive mindset, open to new technologies and a creative approach on smart tools

# ASCENT AEROSPACE

#### **Pierrig ANDRE**

Sales Department

Mobile: + 33 (0) 6 08 75 82 29 pierrig.andre@ascentaerospace.com

#### Paul LAFOND

Sales Department

Mobile: + 33 (0)6 98 10 24 34 paul.lafond@ascentaerospace.com

SAS Bât. THALES 17 avenue Didier Daurat CS 20238 31705 BLAGNAC CEDEX



