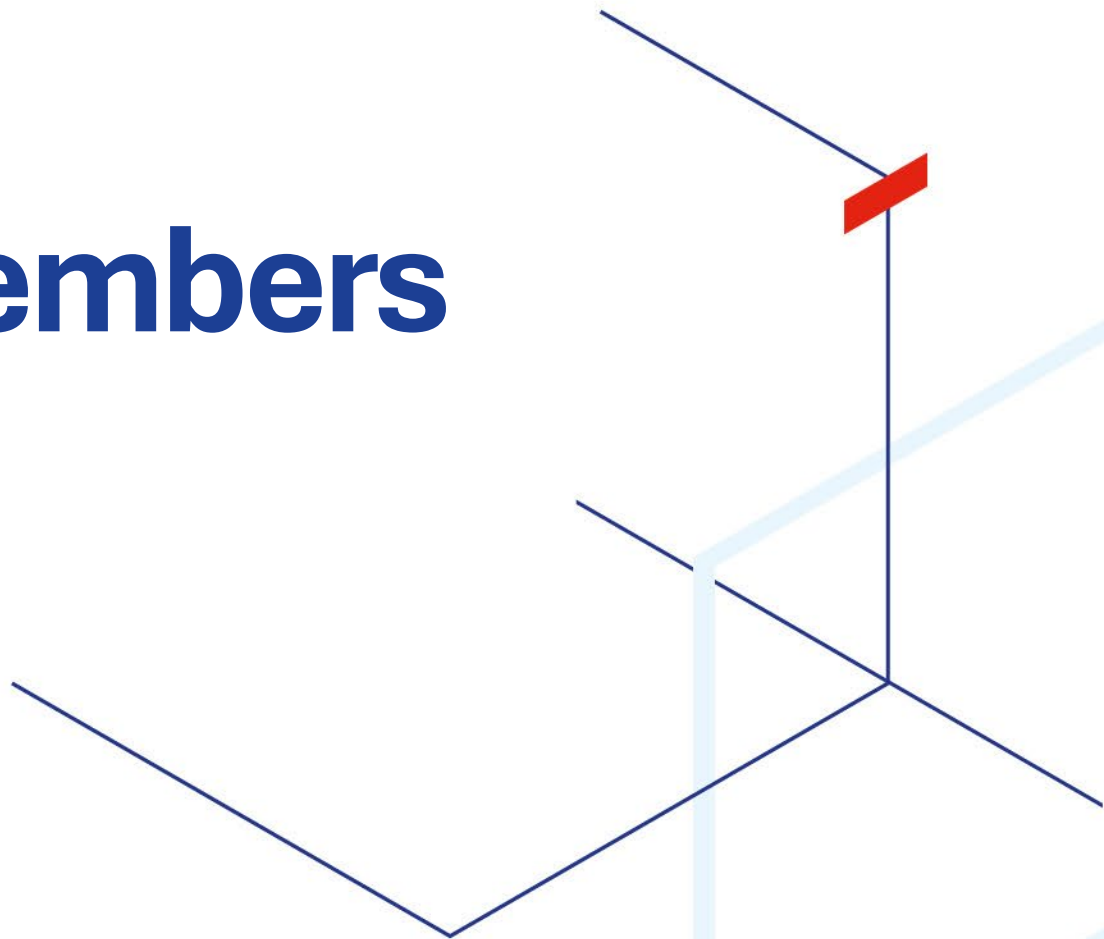




# Working for our members



# **ADS TOULOUSE**

# **MEMBERS CAPABILITIES**

**June 2025**

# AEROSPACE SECTOR UK ECONOMIC CONTRIBUTION



£**10.9**BN

GVA CONTRIBUTION

Growth of 16%  
between 2013  
and 2023



£**20**BN

EXPORTS

Growth of 7%  
over 10 years

THE UK'S AEROSPACE  
SECTOR IS A HUB  
FOR ADVANCED  
MANUFACTURING,  
GENERATING WELL-  
PAID JOBS ACROSS  
THE COUNTRY



£**30.5**BN

TURNOVER

Growth of 14%  
over 10 years



**104**K

EMPLOYEES

Including 6,000  
apprentices



# SPACE SECTOR UK ECONOMIC CONTRIBUTION



£7BN

GVA CONTRIBUTION  
21/22



£5.9BN

EXPORTS  
21/22



THE UK'S SPACE SECTOR  
IS A **WORLD LEADER** IN  
SMALL SATELLITES AND  
AT THE FOREFRONT OF A  
**RAPIDLY EXPANDING**  
GLOBAL SPACE MARKET



48K  
EMPLOYEES  
21/22



2.3K  
APPRENTICES



£788M  
R&D EXPENDITURE  
20/21



£143K  
PRODUCTIVITY  
output per worker

# DEFENCE SECTOR UK ECONOMIC CONTRIBUTION



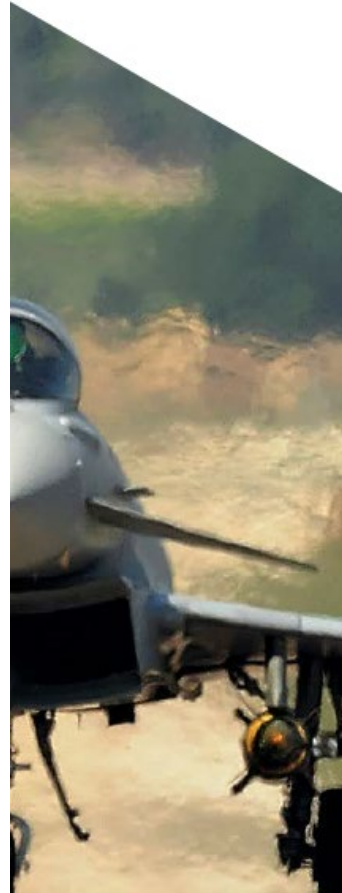
£12BN

GVA CONTRIBUTION  
Growth of 36%  
between 2013  
and 2023



£9.5BN

EXPORTS  
Growth of 18%  
over 10 years



THE UK'S DEFENCE  
SECTOR IS **VITAL FOR**  
**PROTECTING OUR WAY**  
**OF LIFE** AND GENERATING  
PROSPERITY



£28BN

TURNOVER  
Growth of 31%  
over 10 years



164K

EMPLOYEES  
Growth of 16%  
over 10 years





## AEROSPACE

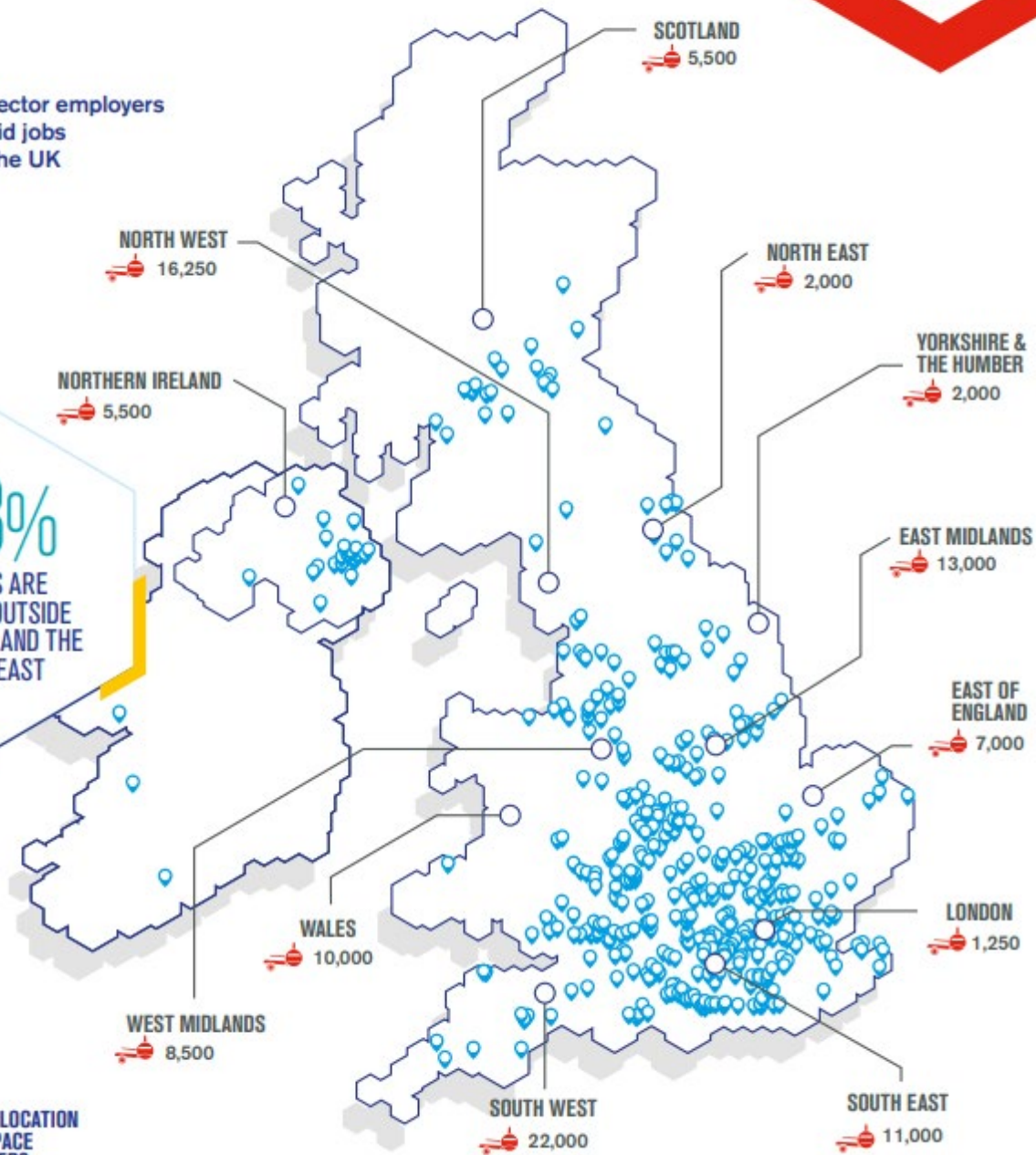
Aerospace sector employers offer well-paid jobs throughout the UK

**88%**

OF JOBS ARE LOCATED OUTSIDE OF LONDON AND THE SOUTH EAST



INDICATES THE LOCATION OF ADS AEROSPACE SECTOR MEMBERS



# ADS Toulouse – A strong footprint in France

- ✈ Established in 1999, ADS Toulouse is a French wholly owned subsidiary of ADS, the leading trade association for UK aerospace, defence, security and space sectors.  
100% financed by its members. ADS Toulouse is a member of the Aerospace Valley cluster since January 2018.
- ✈ ADS Toulouse staff is tasked to connect and give access to UK aerospace suppliers to business opportunities in the French aeronautics, space, defence and embedded systems markets.
- ✈ ADS Toulouse promote UK expertise in the aerospace sector.







**Core activities**

Fabricated, formed and machined components.

Sheet metal fabrication, welding, CNC machining, hot forming, superplastic forming, chemi-milling, heat treatment

**Year established**

1976

**Employee Number**

375

**Annual Sales**

\$75m

**Certifications**

NADCAP, AS9100D, ISO14001, ISO45001

**Approvals**

Airbus, Rolls-Royce, Leonardo, Boeing, Spirit, GKN, Sikorsky, GE Aerospace, GE Vernova, Siemens Energy

**Contact:**

Adam Lucas – Business Development  
[adam.lucas@accrofab.co.uk](mailto:adam.lucas@accrofab.co.uk)  
[www.Accrofab.co.uk](http://www.Accrofab.co.uk)

**Accrofab** are a leading supplier of fabricated, formed and machined components for OEM and Tier 1 customers in the global aerospace, defence and power generation industries.

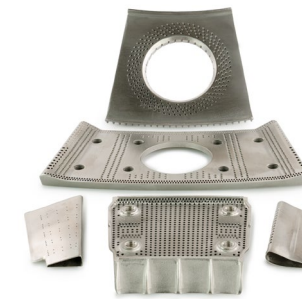
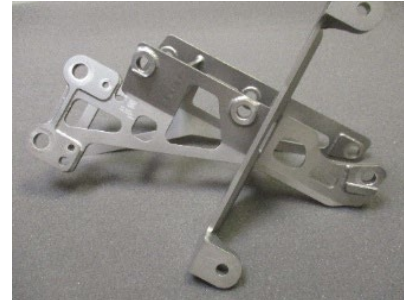
With 375 employees across 3 sites in the UK, and extensive NADCAP-approved capabilities including laser cutting, fabrication, welding, superplastic forming and heat treatment, Accrofab supply critical components for major programs including Airbus single-aisle and the Rolls-Royce Trent family.

**Capabilities:**

- Sheet metal fabrication
- Welding
- Hot forming
- Cold forming
- Superplastic forming
- Laser cutting and drilling
- Non-conventional machining
- CNC machining – 5-axis milling, turning
- Chemi-milling
- Heat treatment
- DFM, NPI and tooling expertise

**Areas of expertise**

- Brackets
- Support structures
- Heat shields
- Engine, APU & power-gen
  - Hot gas path cooling components – inserts, tubes, impingement plates etc
  - Attenuators
- Formed titanium components
  - Titanium plates
  - Skins
  - Drain gutters
  - Rotor blade erosion shields
  - APU cap (including Airbus single aisle)





# ADEPT Fasteners

Our People Make The Difference



## Core activities

Commercial, Military, Space,  
MRO Markets served  
Supply Chain Solutions

## Year established

2001

## Certifications

[Quality Certificates - Adept Fasteners](#)

## Approved Supplier to :

Airbus, BAE, Bell, Boeing,  
Bombardier, Embraer, GE,  
GKN,  
Gulfstream, Lockheed,  
Northrop,  
Parker, Pratt & Whitney,  
Raytheon, Rolls Royce,  
Safran, Spirit

## Product Lines :

[Products - Adept Fasteners -  
Valencia, California](#)

**Adept Fasteners**, a worldwide leading aerospace structural and engine fastener distributor since 2001.

With headquarters in Valencia, California USA, and worldwide presence, Adept Fasteners stocks over 100 000 different parts available for same day shipping, kitting and vendor inventory management.

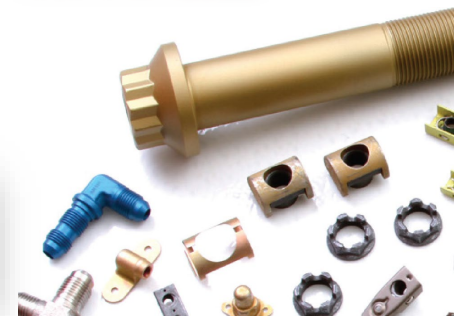
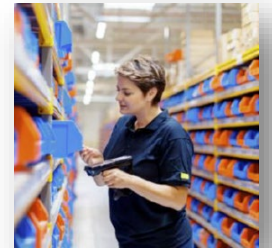
As a True stocking distributor, Adept is continuously investing in Inventory in order to support our customers with the best level of service.

Adept Fasteners continues strengthening its strategic presence in Europe with a dedicated team based in Toulouse, France to support South EMEA customers.

*"At Adept Fasteners our People make the difference and we pride ourselves on our ability to do the little things that satisfy our customers in a big way. Our continued investment in inventory and technology affords our customers a quick response and fast delivery. Our commitment to quality is further demonstrated through our AS9100/AS9120 and ISO9001 quality system registration. To us, quality is delivering defect-free products and services to our customers exactly where and when they want them."*

## Areas of expertise:

- LTA Stock Supported Agreement
- Min/Max Release
- Kitting
- Tooling Maintenance
- VMI – Kanban - DLF



## Contact:

Marco Ferreira – Director Sales South EMEA

E: [mferreira@adeptfasteners.com](mailto:mferreira@adeptfasteners.com)

T: + 33 6 30 04 56 40

Toulouse - France

<https://www.adeptfasteners.com>

Sarah Ben Saad – Business Development Manager

E: [sbsaad@adeptfasteners.com](mailto:sbsaad@adeptfasteners.com)

T: + 33 6 49 21 77 85

Toulouse - France

<https://www.adeptfasteners.com>

# Aero Metals Alliance



## Core activities

- Raw material stockist & distribution
- Full Supply Chain Management
- Precision Processing

## Year established

Privately owned  
SCA est 1987  
Gould Alloys est 1984

## Employee Number

170 employees

## Annual Sales

Available on request

## Certifications

ISO EN9100  
ISO EN9120  
ISO EN45001  
ISO EN14001

## Approvals

<https://gouldalloys.com/about/approvals>

**Aero Metals Alliance** is a consortium of four leading metal suppliers; Gould Alloys, Progressive Alloy, Service Centres Aero, and Sunshine Metals. Collaborating to provide a comprehensive range of aerospace and high-performance metal products. Operating from 14 service centres across the Americas, Europe, and Asia Pacific, AMA offers materials such as aluminium, stainless steel, alloy steel, titanium, and nickel alloys, along with supply chain management services, to the world's leading aerospace companies.

With 3 of our businesses operating out of France, Germany and the UK, AMA provides a unified supply chain for major OEMs while delivering responsive local service to individual subcontractors. This strategic presence enables AMA to meet the diverse needs of the aerospace manufacturing sector effectively.

## Areas of expertise:

- **Material Supply:** Providing aluminium, stainless steel, alloy steel, titanium, and nickel alloys, ensuring high-quality materials for aircraft manufacturing.
- **Supply Chain Management:** Offering just-in-time delivery, inventory management, and customized logistics solutions to optimise efficiency for OEMs and subcontractors.
- **Precision Processing:** Delivering services like cutting, machining, and finishing to meet exact aerospace specifications.
- **Global Distribution:** Operating from multiple service centres across Europe, the Americas, and Asia, ensuring seamless global supply while maintaining localised service.



Contact:  
**Mark Brown**  
VP Business Development  
[mbrown@aerometalsalliance.com](mailto:mbrown@aerometalsalliance.com)  
+44 7765 897 357

## Address:

Service Centres Aero France  
29 rue du Bois Briand BP 22415  
44324 Nantes Cedex 03  
France

## Address:

Service Centres Aero Deutschland  
Oberer Wasen 18-20  
73630 Remshalden  
Deutschland

## Address:

Gould Alloys Ltd  
Markham Lane  
73630 Remshalden  
Deutschland



## Core activities

Products distribution  
Supply chain management  
Material planning  
Cut-to-size services  
Logistics for Aerospace

## Employee Number

700

## Certifications

EN 9120:2018  
EN 9100:2018  
ISO 27001:2022

## Annual Sales

€ 291,0 M (Group)

## Group Numbers

1 500 Suppliers  
1 400 Customer  
≈25 000 sqm Global Footprint  
200 000+ SKUs managed

## French Sites

Toulouse  
ALA Regional HQs  
Bordeaux  
ALA Offices/Warehouse

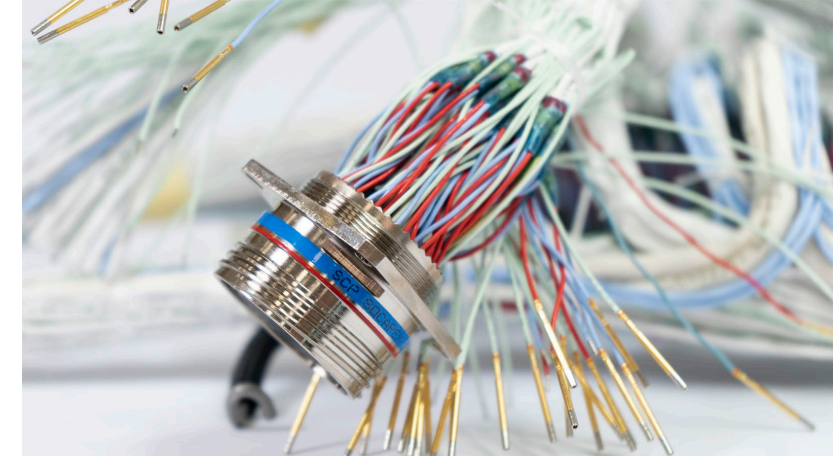
## Your Supply Chain Integrator

ALA is a leading international supply chain partner to the Aerospace, Defense, Power Generation, Rail & High-Tech Industries.

With Headquarters in Naples, Italy, ALA has over 35 years of experience offering a one-stop shop range of products, services, and high-performance engineered solutions truly capable of simplifying and optimizing its customers supply chain operations.

In 2022, ALA acquired SCP Sintesa, designer, assembler and supplier of components as well as subsystems for electronic interconnection systems for professional applications in harsh environment. ALA and its wholly owned SCP Sintesa Group build their success on the talent of 700 people and on the strength of a growing network of sales offices and state-of-the-art facilities across Europe, Middle East, and North America.

ALA serves Customers in 40 countries and manages more than 1,500 suppliers.

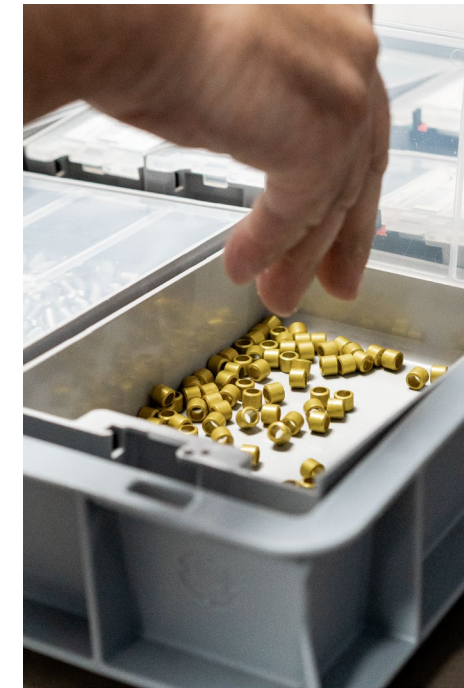


## Areas of expertise:

- Lean supply chain management solutions
- Suppliers' relationship management
- Inventory management
- DLF and JIT delivery
- Third Party Logistics
- Consignment stock
- Kitting solutions

## Supplied Products :

- Fasteners
- Connectors
- Cables and wire harnesses
- Indirect materials
- Spare parts
- Raw materials



Contact:  
Valentina Verde  
Head of Marketing & Communication  
E: [valentina.verde@alacorporation.com](mailto:valentina.verde@alacorporation.com)  
T: +39 081 3036311  
[www.alacorporation.com](http://www.alacorporation.com)

ALA France  
Bâtiment B01, AEROPARC  
12 Rue de Caulet, Saint Martin du Touch  
31300 TOULOUSE  
France

# A. M. Castle & Co. – Aero Capabilities



## Core activities:

Material Management;  
Supply Chain Expertise

## Year established

1890

## Employee Number

1200+

## Annual Sales

~\$1B in 2024

## Approval

Airbus / Boeing / Bombardier /  
Collins / Daher / Safran /  
Dassault / IAI / Lockheed  
Martin / Thales, etc.

## Certifications

ISO9001 / AS9100 / AS9120  
ISO 13485

## Value Added:

Cut to length  
Cut to size  
Near net shape cutting  
Billet preparation

## Introduction:

**A. M. CASTLE & Co** is a leading provider of metals, services, and supply chain solutions. We distribute and process alloy, carbon, stainless steel, nickel, aluminum titanium, cast iron, and red metals.

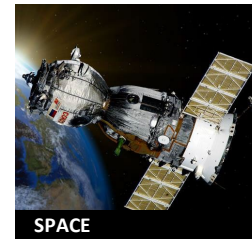
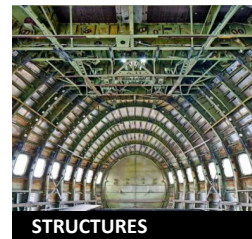
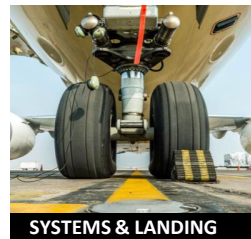
Together, Castle and its affiliated companies operate out of over 34 metals service centers located throughout North America, Mexico, Europe and Asia. Operating two processing centers in Europe, we work with international OEMs to better serve their multi-location production requirements and delivery needs.

We also help the thousands of machine shops that service the OEMs or have their own niche end markets. We leverage our long standing metals expertise and focus on processing and other value added services to meet the unique requirements of industries such as Aerospace, Defense & Space.

## Areas of expertise:

- Alloys: Aluminum, Titanium, Nickel Alloys, Stainless steel
- Product: Plates, Sheets, Bars, Tubes, Extrusions
- Processing: Sawing, Water jet cutting, Laser cutting, CNC machining, Chamfering/Drilling, Deburring
- Services: Bar coding, VMI, Just In Time, Consignment stock, Kitting, Kanban

## END MARKETS



Contact:  
Frederic Crespel  
Regional Sales Manager  
E: [fcrespel@amcastle.com](mailto:fcrespel@amcastle.com)  
[www.castlemetals.com](http://www.castlemetals.com)

A. M. Castle & Co. EMEA  
Zone Pyrène Aeropole  
65380 Lanne  
France

Castle Metals France  
Zone Industrielle Cadrean Le Pre Cadeau  
44550 Montoir de Bretagne, France  
[+ 33 \(0\)2 40 45 83 54](tel:+33240458354)





# APOLLO Aerospace Components

## Core activities

Distribution  
Fasteners & Hardware  
Supply chain Solutions  
Customer Service

**Employee Number**  
**+7000**

**Annual Sales**  
\$1.7bn PARK OHIO

## Certifications

Airbus ,BAE ,GE ,GKN ,Collins  
Boeing ,Safran , Spirit ...

## Approvals

AS9100 & ISO90001 QMS  
ISO 14001

\$1.7bn



**APOLLO** is a trusted supplier of components and supply chain solutions. APOLLO is the dedicated and specialist A&D Operation and is a division of Supply Technologies part of PARK OHIO Holdings corp. ( NASDAQ : PKOH).

Apollo is operating from 9 Stocking Facilities with more than 1000 Customers worldwide. Supply Technologies has 62 stocking facilities & over 420 VMI programs. We have access to all of the main Fasteners and Hardware manufacturing factories as well as main connectors and Electrical Component manufacturers. We have all the parts you need. APOLLO is focused on Customer Service performance and provides tailored solutions supply chain management services and cost optimizations.

## Areas of expertise

- Tailored VMI Vendor Managed Inventory solutions
- Supplier Integrator , rationalization
- Customized DLF and KITTING expertise
- 3 PL activity
- Connector Assembly activity
- Simplify & Streamline Supply Chain
- SUPPLY CHAIN SOLUTIONS

## Products we Supply :

**HARDWARE : FASTENERS C class**

Screw , Bolts , Nuts , Rivets , Bearings , Collars...

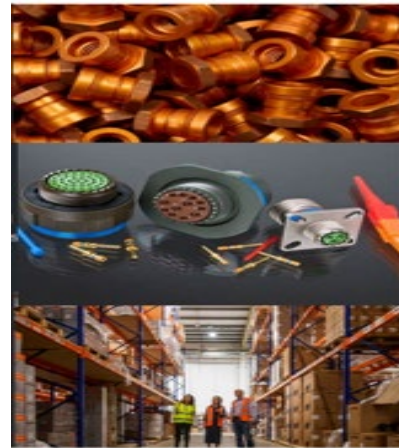
**ELECTRICAL : Connectors & Contacts**

Back shells, Wire , Complete Harnesses

## 400 ACTIVE SUPPLIERS



Aerospace  
components  
*done differently*



The **Value**  
Proposition

It's about People being  
Passionate about what  
they do.

It is about Personality.

It is about Performance



Contact:  
MICHAEL PANARESE  
VP Commercial Europe  
E : [michael.panarese@apollo-aerospace.com](mailto:michael.panarese@apollo-aerospace.com)  
T : + 33 7 45 03 66 78  
[www.apollo-aerospace.com](http://www.apollo-aerospace.com)  
[www.supplytechnologies.co.uk](http://www.supplytechnologies.co.uk)

## Core activities

### Aerostructure & Aeroengines

Specialist in hard and soft metal machining and associated surface treatments and assemblies.

### Turnkey Tooling Solutions

Design, manufacture and maintenance specialists of large invar layout tools for composite airframes, jigs & fixtures & transportation media

### Year established

2019

### Employee Number

367

### Annual Sales

\$65M

### Certifications

Cyber essentials, SC21, ITAR, AS/EN9100 Rev D, BS EN ISO 14001, BS EN ISO 9001:2015. Airbus, Boeing, Bae Systems, Rolls Royce, Spirit Aerospace, Leonardo, GKN Aerospace, GE Aviation, Bombardier, amongst others

**ASG Group** provide a total end to end manufacturing solution to major OEMs in the aerospace -defence and medical sectors.

A \$65m turnover group with 367 employees and >150 CNC machines.

Eight manufacturing units operating across two divisions active in the Aerospace and Tooling sectors.

Core competences; The CNC machining, surface treatments and assembly of hard, soft and exotic metal aero components, tool design and manufacture of large tooling projects.

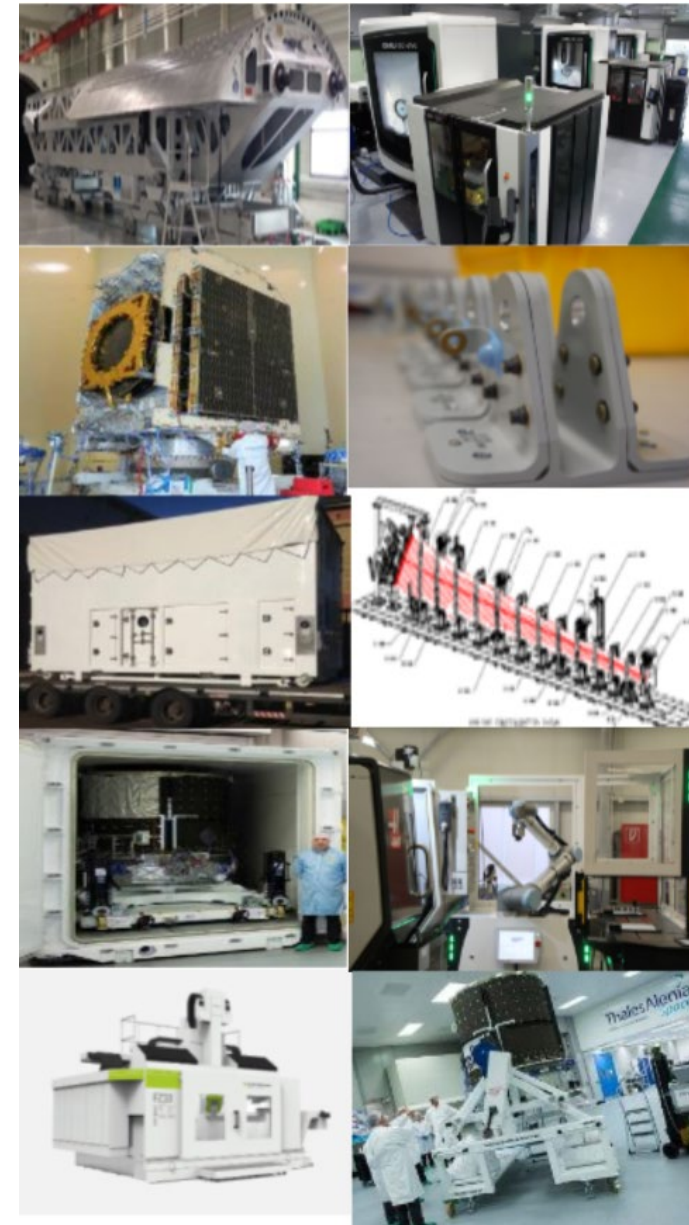
Providing competitive, on-time, quality solutions across fixed wing, rotorcraft, engine and fuselage platforms.

### Machined parts and assemblies

- CNC machining of prismatic, short and long bed components (up to 4.5m long)
- CNC turning up to 1m diameter
- In-house NADCAP approved surface treatments with numerous OEM and T1 approvals. Recent investments in new robotic thermal spray, facility inclusive of booth, extraction, arc flame spraying system.
- Speed shop to support UOR / AOG requirements
- Assembly and sub-assembly of critical components
- Well versed in NPI process and APQP principles.
- Deploy lights-out machining, automation and SC21 continuous improvement programme
- Single point of contact for project management and delivery of strategic work packages

### Machined parts and assemblies

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# AVPE Systems – Broadway Group



## Core activities

Air frame, Aero Engine & Systems Inc. Landing systems machining and specialist thread rolling supplier with legacy and MRO focus

## Year established

1938 – Family owned

## Employee Number

170

## Annual Sales

\$31 Million

## Certifications

Airbus and Rolls Royce Tier 1, Bombardier, Spirit, Leonardo & Collins Aerospace As well as NADCAP and AS 9100, ISO 14001 certifications.

## Approvals

<https://broadwaygroup.co.uk/expertise/approvals-accreditations/>

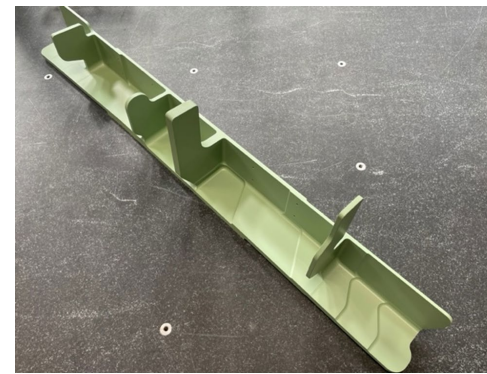
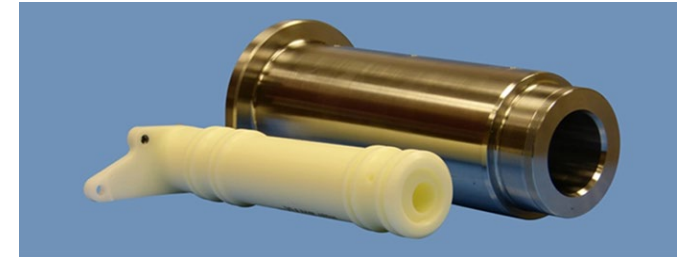
**AVPE Systems/ Broadway Group**, a UK based and Privately owned since 1938, supporting the global Aerospace, Defence and associated industries.

Headquartered in Bristol, South West UK with 3 facilities employing circa 170 staff.

Broadway Group comprises Broadzay Engineering, supporting complex Legacy & Defence engine platforms and AVPE Systems, manufacturing parts for production and aftermarket across multiple Airframe and Aircraft platforms.

## Areas of expertise:

- CNC Machining of metallic materials across engine and airframe and landing gears supply
- Post Process machining for Additive manufactured parts, complex Casting & Forgings
- Specialist thread rolling capability with many aerospace platforms
- Critical & Sensitive Engine parts approval and high experience
- Legacy and aftermarket MRO specialism
- Critical AOG Support to Airbus Aftermarket Services
- [Home - Broadway Group](#)



Contact:  
**Rob Holmes**  
Group Head of Business Development  
E: [robert.holmes@broadwayltd.co.uk](mailto:robert.holmes@broadwayltd.co.uk)

**Core activities**

Design  
Manufacturing  
Test and qualification  
Servicing, maintenance and repair  
Associated customer training  
Research and development

**Year established**

1999

**Employee Number**

1500

**Certifications**

EN9100/AS9100D  
ISO9001  
ISO14001  
OSHA18001

**Approval**

Approved for production  
deployment at several global  
aerospace OEMs

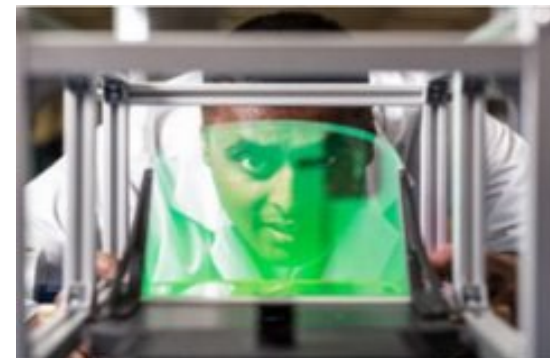
From cutting-edge flight controls to head-up displays, employees at **BAE Systems** design, develop and produce some of the world's most advanced avionics equipment spanning both the commercial and defence markets.

The company also provides world-leading aftermarket support and in-service repair for aircraft fleets around the globe and delivers innovative propulsion and power management systems to markets across Europe.

**Areas of expertise:**

- Flight control systems
- Active pilot control sticks
- Utilities management
- Power management
- Cockpit and cabin systems
- Advanced display solutions
- Hybrid-electric power solutions

s





## Core activities

- Product Engineering
- Software & Digital Engineering
- Manufacturing & Supply Chain

## Company Details

- Established in 1958
- Network of ~10,000 Associates
- Cincinnati, Ohio HQ
- Over 50 Global Locations
- Business Execution in over 30 Countries
- MOD Secure Ready Facilities
- High percentage of SC cleared professionals

## Certifications

AS9100D, ISO 9001,  
ISO14001, ISO45001

Belcan, a Cognizant company is a global supplier of design, engineering, software, manufacturing, supply chain, information technology, and digital engineering solutions to the aerospace, defense, space, government services, automotive, and industrial markets. Belcan engineers better outcomes for customers – from jet engines, airframe, and avionics to heavy vehicles, automobiles, and cybersecurity. Belcan takes a partnering approach to provide solutions that are adaptable, integrated, and value-added, and has been earning the trust of its customers for over 60 years. For more information, please visit [www.belcan.com](http://www.belcan.com).

Belcan has experts with decades of experience to help navigate all of your aerospace demands. Visit [belcan.com](http://belcan.com) to learn more.

Belcan offers a full suite of design, engineering, manufacturing, quality, supply chain, and workforce solutions for the aerospace & defense industries. With long-term relationships and preferred supplier status with many aerospace companies, as well as extensive experience working with leading defense contractors, Belcan's experience across the aerospace industry is unmatched.

- **Design and structural analysis for composite & metallic structure across full product lifecycle**
- **Aftermarket support – repair engineering**
- **Mission & flight systems and software engineering, integrated with MBSE**
- **Mechanical and electrical systems installation design**
- **Interior design**
- **Tooling design for manufacturing and assembly**
- **Manufacturing and supply chain**



## Contact:

Claude Castan  
Strategic Account Manager – France  
Mobile: +33 (0) 623080640  
Mail: [ccastan@belcan.com](mailto:ccastan@belcan.com)

## Address:

17 Avenue Dider Daurat  
Z.A.C de l' Aéroport  
Blagnac 31700  
France

# BROOKHOUSE Aerospace Limited



## Core activities

Capability to engineer and manufacture complex composite components, structures and assemblies.  
Specialist sheet metal work, fabrication and machining; from individual components to complex assemblies.  
Manufacture of hybrid composite/metallic structures.  
In-house NADCAP and Airbus approved treatment facility.  
Ground Support Equipment (GSE) and composite strip, survey, spares, repairs

## Year established

1951. Rebranded as Brookhouse Aerospace Ltd following MBO in February 2021

## Employee Number

Circa 180

## Annual Sales

£17M

## Approval

ISO9001, AS9100 Rev D  
NADCAP Composites & Non-Metallic Material Testing, Chemical Processing and NDT

BAE Systems, Airbus, Safran, GKN, Spirit, Raytheon, Rolls Royce, MBDA, Leonardo.

**Brookhouse Aerospace** offers a comprehensive capability and expertise for the manufacture of complex composite components, structures and assemblies on both critical and non-critical applications for the Aerospace, Defence and Military markets. Combined with our experience and proficiency in metallic fabrications, metal joining technologies, machining and surface treatments all in one facility located in Darwen, Lancashire, makes Brookhouse Aerospace a robust and capable supplier to its OEM and Tier customers.

We help to build products and assemblies for aircraft interiors, aerostructures, wing components & surfaces, fuselage panels, ailerons, winglets, rudders, landing gear doors, engine and thrust reverser panels, missile structures, fairings and covers.

Our products are used in Civil and Military Aerospace, Business Jets, GSE, UAV, Missiles and Engine applications.

## Areas of expertise:

### Composites

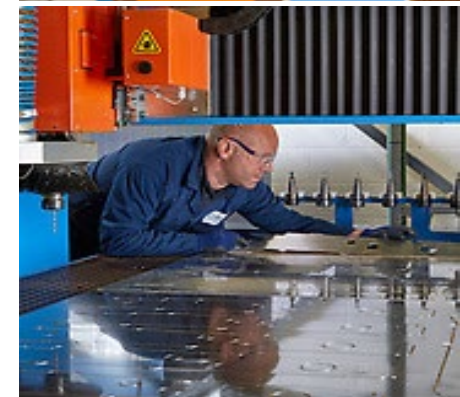
- Full composite build to print capability for flight critical components, prepreg and out of autoclave capability.
- Collaboration with customers through design for manufacture in the design of lightweight and cost-effective products, allowing OEM's freedom to create functional components at competitive costs.
- Support alternatives to traditional metallic processing to produce lightweight metallic composite hybrid items.
- Large infrastructure in place including 6 large autoclaves (largest 13m x 3.5m), ovens, clean room, finishing capabilities, assembly, NDT C scan, 4/5 axis CNC machining and trimming with a skilled and experienced workforce.

### Treatments Facility.

- NADCAP and Airbus approved Special Processes capability including Tartaric, Chromic and Sulphuric acid anodising line using fully automated loading, immersion and transfer between 8ft x 3ft x 5ft deep tanks.
- PFD plant with NADCAP and airbus approval alongside wet paint, vac blast & zinc spray, and welding processes.

### Metallic Detail Fabrication Facility.

- Large fabrication shop comprising of a capability of metallic details and sub-assemblies, equipment includes guillotines, press brakes, welding, forming, CNC routing and presswork all to Aerospace standards.
- 3-Axis and 5-Axis CNC machining capability including hard metals.



Contact:

Simon Smith

Business Development Director

E: [simon.smith@brookhouse-aerospace.com](mailto:simon.smith@brookhouse-aerospace.com)

[www.brookhouse-aerospace.com](http://www.brookhouse-aerospace.com)

Brookhouse Aerospace Limited

India Mill, Darwen, Lancashire.

BB3 1AD, United Kingdom

# CAV Systems



## Core activities:

Working alongside aircraft engineers, CAV assists in the design, testing, analysis, manufacture, integration, and approval of unique technology solutions to overcome critical safety challenges and increase the efficiency of flight. Supplier of laser drilled surfaces and parts for use on HLFC and noise attenuation products.

**Year established**  
1942

**Employee Number**  
115

**Annual Sales**  
£17M

**Certifications**  
AS/EN/JISQ 9100  
Cyber Essentials / Cyber Essentials PLUS  
FAA 14CFR Production Organisation Approval  
Part 21 G Part 145

Contact:  
*Phil Hopkins*  
VP Business Development  
[p.hopkins@cav-systems.com](mailto:p.hopkins@cav-systems.com)  
[www.cav-systems.com](http://www.cav-systems.com)

CAV SYSTEMS is a leading provider of ice protection and drag reduction technology to general aviation, commercial aerospace, and defence markets worldwide.

CAV is the only commercial manufacturer of laser micro-perforated structures for aviation drag reduction systems.

## Areas of expertise:

- Lowest power, ambient temperature anti-ice protection system available on the market.
- Ability to provide parts in metallics and/or composites.
- Laser perforation in FRP for Ice Protection, HLFC or Noise Attenuation applications.
- Drill rates of up to 1,000 holes per second.
- Full manufacture from raw material to formed skin including laser drilling. Laser cutting, surface sanding, etching and forming.
- TKS is installed in over 100 different aircraft variants and is the market's highest performing in-flight ice protection system.
- Over the past 28 years, CAV has been the primary partner in 15 FAA/EASA FIKI certification programs. On all programs CAV provided airframe, propeller, and windshield ice protection.
- Between 1994 and 2024, the CAV team completed more clean sheet FIKI certification programs than any other single company /corporation in the world.

CAV Systems  
Number One Industrial Estate  
Consett County Durham  
United Kingdom DH8 6SR





# CMS France – SCM Group



## Solutions for

- Monobloc machining centers 3-5 axis
- CNC machining centers for large work areas
- Large Format Additive Manufacturing (LFAM)
- Thermoforming - Vacuum and pressure forming

## Year established

1969

## Employee Number

+4.000 people  
In Italy and abroad

## Annual Sales

900€ millions

## Certifications

ISO 9001 : 2015

## Approvals



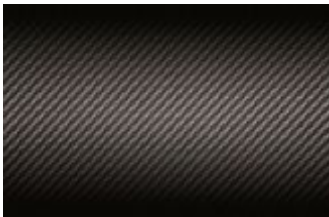
Contact:  
Cédric PEYRILLE  
Sales Directeur Cms France  
[cpeyrille@cmsfr.fr](mailto:cpeyrille@cmsfr.fr)

**CMS**, as a leading company specializing in the production of numerically controlled multi-axis machining centers, thermoforming machines, additive manufacturing and waterjet cutting systems, has a worldwide presence and excels in the fields of aerospace, automotive, shipbuilding, railways, architecture, etc. **Innovation** is part of CMS's DNA and has made it possible to achieve, thanks to significant investments in research and development, continuous technological growth and offers suitable solutions for the processing of advanced materials, as well as plastics, glass, stone and metals. CMS, the technology partner alongside "customer demand".

## Areas of expertise :

CMS Advanced Materials Technology offers the **most exclusive and innovative solutions for machining composite materials and aluminum** in the aerospace industry. The CMS Advanced Materials Technology machinery guarantees machining precision and accuracy typical of the demands made by a highly technological sector like the aerospace industry. CMS' **experience** and **know-how** in this industry make it the **ideal partner** for the most innovative companies: by understanding the customer's process, we never fail to offer the best technological solution, guaranteeing **maximum reliability** and **top quality performance as well as patented technologies**. Recently **LFAM – Large Format Additive Manufacturing** came to complete our proposal with a top level solution for additive manufacturing.

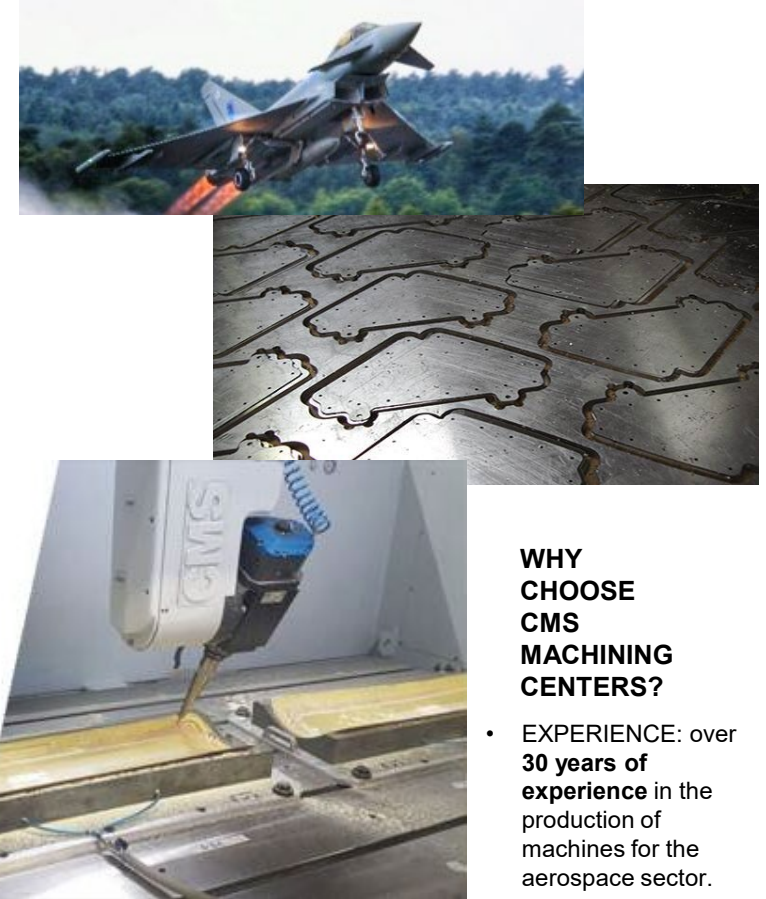
**CMS Plastic Technology** produces CNC machining centers, panel saws and thermoforming machines for processing plastic materials, offering technologically advanced solutions. The brand was established thanks to the winning synergy between the technical and industrial experience in thermoforming of the long-standing company Villa, founded in 1973, and the well-established know-how of CMS in milling. Thanks to constant investments in research and innovation, CMS Plastic Technology is recognized as **a single partner for the entire process: from thermoforming to trimming, up to the production of models and molds, to guarantee maximum productivity**. CMS Plastic Technology is a leader in several sectors such as automotive, aerospace...



High speed 5-axis CNC machines for composites, aluminum, metal and systems for additive manufacturing and milling



The unique supplier of the best machines for plastic processing since 1973



## WHY CHOOSE CMS MACHINING CENTERS?

- **EXPERIENCE:** over **30 years of experience** in the production of machines for the aerospace sector.
- **RELIABILITY AND EFFICIENCY:** with over hundreds machines installed and operating worldwide, **CMS**, with Ethos, Ares, Antares, Poseidon, Eidos, Kreator and now Vm30 machining centers, **is a point of reference for the aerospace industry and other sectors.**
- **MAXIMUM FLEXIBILITY :** over the years, CMS has developed a wide range of operating units. CMS offers **successful applications** for all customers looking for automation, productivity and exceptional reliability.



# DYNAMIC Aerospace Fabrications



## Core activities:

5-axis and 6-axis laser  
3,4 and 5-axis Machining  
Hot and Cold Forming  
Resistance and Fusion Welding  
Flatbed Laser  
Quality Testing, Inspection and  
Measurement.

## Year established

2019

## Employee number

93

## Annual sales

£12M

## Certifications

AS9100  
ISO14001  
ISO45001  
CYBER Essentials

## NADCAP

Non-Conventional Machining  
Welding  
NDT  
Heat-Treating  
Chemical Processing

## Approvals

Rolls Royce plc  
Rolls Royce Deutschland  
ITP  
TATA  
SIEMENS  
MOOG  
MTU  
FACC

**Dynamic Aerospace Fabrications** supplies complex, high-precision fabricated and machined metal parts and assemblies to market leading companies in the aerospace industry. The company is committed to providing outstanding quality and service working closely with customers to establish long-term partnerships.

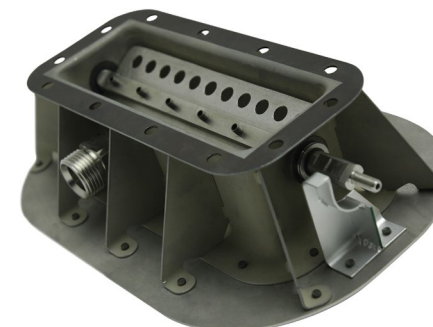
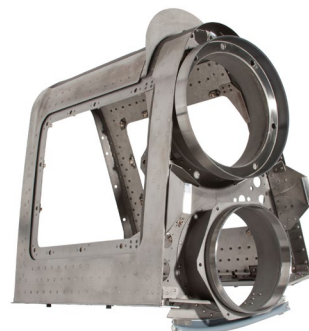
With origins going back to 1937 and employing over 100 people in its 45,000 square foot facility, Dynamic Aerospace Fabrications is one of the UK's finest precision machined fabrication companies. It offers the full range of subcontract engineering technologies including 6-axis laser cutting, 3-axis, 4-axis and 5-axis CNC milling, CNC turning, hot and cold forming, resistance and fusion welding, and heat treatment from its site in Castle Donington, near Derby.

Dynamic Aerospace Fabrications Ltd. is part of the Dynamic Aerospace and Defence group. The Dynamic Group is a privately-owned business with its main headquarters in Michigan, USA. Dynamic Aerospace Fabrications Ltd joins Dynamic's existing portfolio of companies based both in the mid-west US and in the UK, and having an established reputation, specialising in supplying precision metal components for the aerospace, defence, automotive and rail sectors.

## Areas of expertise:

- Laser Cutting – 2D Sheet & 3D Shapes
- Aerospace Metal Working
- Welding Aerospace
- CNC Milling and CNC Turning
- Quality Testing, Inspection and Measurement

<https://dynamicafabs.com/about/corporate-video/>



Contact:  
Eamon Lyons  
Business Development Manager  
E: [elyons@dynamicfabs.co.uk](mailto:elyons@dynamicfabs.co.uk)  
[www.dynamicafabs.com](http://www.dynamicafabs.com)

Dynamic Aerospace Fabrications  
Sills Road, Willow Farm Business Park  
Castle Donington  
Derby – DE742US - UK

# FARSOUND

“The Aero Engine Supplier of Choice”

## Core activities:

Commercial Engine MRO  
Distribution  
Supply Chain Management &  
Services

## Year established

1986

## Employee number

110 (Group)

## Annual sales

\$90 M (Group)

## Certifications

EN9120 ASA-100 FAA AC 00-56  
ISO14001

## Farsound Address:

Unit 4 London Brentwood Commercial  
Park, Tilbury Road,  
Brentwood, Essex,  
CM 13 3LR

## Contact:

*Simon Mariner* - Group Head of Business Development

E: [simon.mariner@farsound.com](mailto:simon.mariner@farsound.com)

M: +44 7703 734573

## Contact:

*Marcus Plummer* - Group Head of Procurement

E: [marcus.plummer@farsound.com](mailto:marcus.plummer@farsound.com)

M: +44 7715 015875

Headquartered in Brentwood, Essex, UK, **Farsound** has over 35 years of experience as a global supply chain partner primarily focused on the supply of aero engine fasteners. Offering a bespoke range of products, tailored services, and leading-edge delivery solutions makes Farsound a natural choice for its customers.

At Farsound we believe in thinking differently and giving freedom of choice to customers, suppliers and our employees. These principles ensure we strive for excellence in a dynamic and increasingly challenging environment. Our service standards are paramount; we do what we say we are going to do and will always seek to delight our customer- whatever the time and wherever they are located.

Farsound is wholly owned by AGIC Capital, a growth-orientated European-Asian private equity firm. AGIC actively invest in companies with differentiated and innovative solutions and technologies that have market leadership potential and the ambition to scale internationally.

## Areas of expertise:

According to the specific needs of the customer, Farsound can provide innovative services including:

- Procurement consolidation
- Consignment Kanban & Direct Line Feed (DLF) solutions
- Kitting Solutions
- Contract Scheduling and Long-Term Agreements (LTA)
- Vendor Managed Inventory (VMI)



<https://www.farsound.com/>

# Ford Aerospace



## Core activities

**Year established**  
1910

**Employee Number**  
93

**Annual Sales**  
£7.4m

**Certifications**  
ITAR Approval  
AS/EN/JISQ 9100  
ISO 9001  
Cyber Essentials  
JOSCAR Registered

**Approvals inc:**  
Airbus  
BAE Systems  
COMAC  
Honeywell  
Leonardo  
Moog  
Safran

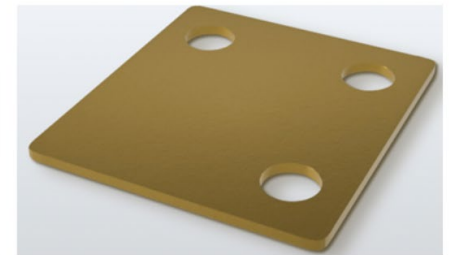
## Introduction:

Ford Aerospace Limited provides a first-class, manufacturing and engineering service to a broad range of customers, specialising in the machining and pressing of components and assemblies for the aerospace, automotive, defence, space and related high-technology industries.

In addition, the company provides a range of adjustable and peelable laminated shim products which often provide a more cost effective and superior solution to using shim sets or ground shims. Its portfolio includes surface and edge-bonded parts, in metallic and non-metallic materials, with a fully customisable service in thickness and number of laminations including hybrid of plate and laminations. The company offers both make to print and industry standard ranges in quantities to suit customer requirements. In 2023, Ford Aerospace became a member of the [SPIROL](#) group, the global manufacturer of engineered fasteners, disc springs, shims, fastener installation machines and parts feeding equipment producing over 2 billion components a year.

## Areas of expertise:

- Product Manufacturing
- Solid, hybrid and laminated shims for effective and low-cost gap and tolerance management
- CNC machined and turned parts including critical and safety critical parts and assemblies
- Low volume, high quality custom-made to customer specifications
- Exceptional quality and service levels.



## Contact:

Jakub Ptacnik, Sales Application Specialist  
E: [jakub.ptacnik@ford-aerospace.com](mailto:jakub.ptacnik@ford-aerospace.com)  
[ford-aerospace.com](http://ford-aerospace.com)

East Side, Tyne Dock,  
South Shields, Tyne & Wear,  
NE33 5ST, UK

Evropská 2588/33a  
160 00 Praha 6 - Dejvice  
Czech Republic



# Gardner AEROSPACE



## Core Activities

Aerospace Detail Parts for  
Aerostructures and Equipment

## Year established

1998

## Employee Number

2,000

## Annual Sales

\$ 250M

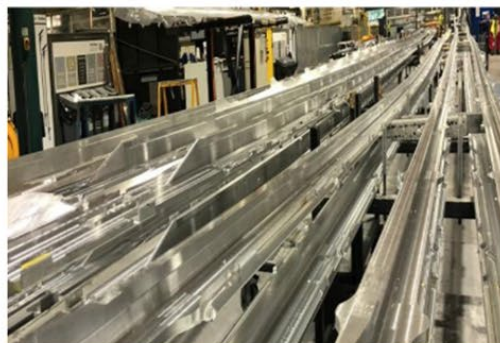
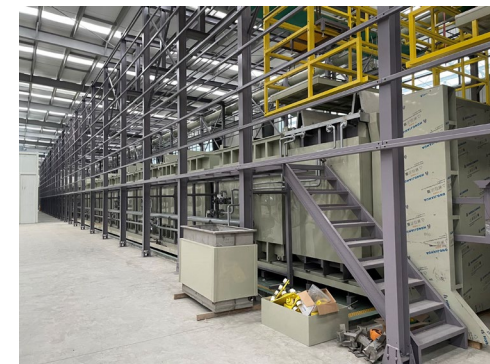
## Certifications

AS9100  
ISO9001  
ISO14001  
NADCAP

## Approvals

numerous industry approvals  
incl. EASA Part-21G and Part-  
145.

- Founded in 1998 (independent since 2003), Gardner Aerospace is a leading international **manufacturer of metallic aerospace detail parts**: machined parts and fabrications, simple to highly complex, small to very large with substantial assembly capabilities.
- Gardner Aerospace produces parts ranging all sizes (from ¼ inch to 26 meters), and assemblies with different level of complexity (from 5 to 750 components) for various **aerostructures (wings, fuselage, cabin, cockpit)** and some **equipment applications** (engine, landing gear).
- The company serves aerospace **OEMs** and **tier-1 suppliers** such as Airbus (largest client), Gulfstream, GKN, Spirit, Mubea, and Safran. Gardner Aerospace is well positioned on the **A320**, and the **A350 program** and supports Airbus on various other programs including A220. Gardner Aerospace is an Airbus D2P certified partner (latest renewal in 2022) and an Airbus Supplier Council member.
- An **experienced and diverse management team** leads about 2,000 people in 9 production sites: 3 in the **UK**, 1 in **France**, 3 in **Poland**, 1 in **India** and 1 in **China**.



Contact:

[info@gardner-aerospace.com](mailto:info@gardner-aerospace.com)

Gardner Aerospace  
9 Victory Park, Victory Road  
DE24 8ZF Derby, UK

## Core Activities

Develop, build and supply an extensive range of advanced aerospace systems, components and technologies for use in aircraft, ranging from helicopters and business jets to the most used single-aisle aircraft and the largest passenger airliners in the world. Market leader in aerostructures, engine systems, transparencies and wiring systems.

**Year established**  
1759

**Employee Number**  
15 000

**Annual Sales**  
£ 2,5 B – Aerospace Division

**Certifications & Approvals**  
Large range

Contact  
T: +44 (0)1527 517 715  
F: +44 (0)1527 517 700  
W: <http://www.gkngroup.com/aerospace>

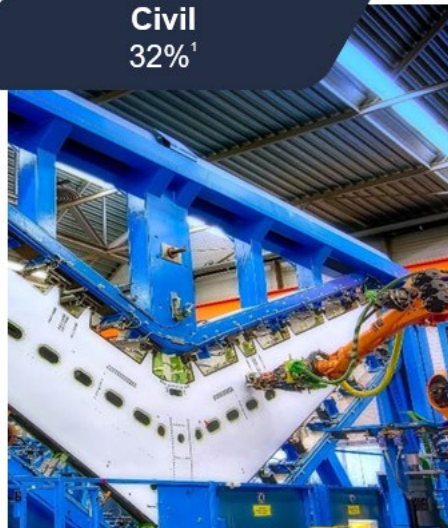
**GKN Aerospace** is one of the world's largest independent first tier suppliers to the global aviation industry.

With over 100 years aerospace experience, we harness our considerable knowledge and advanced manufacturing technologies to supply high-value, integrated assemblies in both metallic and composite materials. We employ approximately 15,000 people in more than 38 locations in 12 countries across three continents.

## Areas of expertise:

- Advanced manufacturing - High rate processing, Flexible manufacturing, Energy efficient system
- Low-cost solutions - High performance aerostructures, Improved performance, Multi- functional structures
- Integrated structures - High performance engine structures, Weight optimized structures, Performance improvement
- Environmental technologies - High performance transparencies, Improved stealth capabilities, Improved optical characteristics, Improved passenger environment

**Civil**  
32%<sup>1</sup>



**Engines**  
34%



**Defence**  
34%



**Mission: Be the most TRUSTED and SUSTAINABLE partner in the sky**



# Hyde Aero Products Ltd



**Hyde Aero Products**  
A Hyde Group Holdings Company

## Core activities

Integrated design and manufacture specialist

Precision manufacture of complex components in soft, hard and exotic materials

Active in aerospace, nuclear, automotive, defence, space, marine and scientific sectors.

Rapid integrated product teams

## Year established

1968

## Employee Number

600

## Annual Sales

\$112M

## Certifications

AS/EN/JISQ 9100:2018 Rev D

ISO 9001:2015

BS EN ISO 14001:2015

NADCAP approvals held for chemical processing, heat treatment, welding, and NDT.

## Approvals

Approved for production deployment for global aerospace OEMs.

## Designer and manufacturer of aerospace structural components and detailed parts

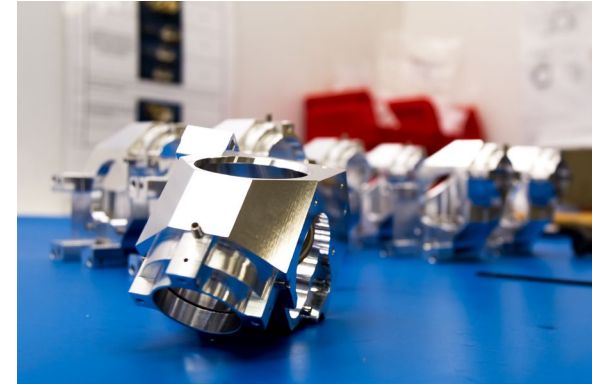
One of Europe's leading engineering organisations, the **Hyde Group** has been delivering design and manufacturing solutions for over 50 years, serving clients across the globe. We provide engineering services for the design, manufacture and finish of complex components and integrated structural components, tooling and testing solutions and urgent operational support. We support clients in the safety-critical industry market sectors of aerospace, defence, nuclear and life sciences and we cover long-term strategic support through to rapid-response AOG requirements.

- Recognised specialists in the high precision manufacture of complex aerospace components - fabrication and welding, thread rolling, assembly, inspection, testing and surface treatment.
- Strategic, tactical, AOG – we're one of the UK's largest aerospace engineering specialists with additional capacity at our overseas partners.
- Established in 1968, privately owned with industry-leading financial strength and operating a strong reinvestment programme.
- Our 20+ Group facilities can provide a fully integrated turnkey solutions and niche specialist services – all from one supplier.
- Committed to environmental protection, sustainability and net-zero operations (UN Global Compact signatory, ISO14001), and a resolute supporter of apprenticeships and encouraging participation of young engineers from our local area

## Areas of expertise:

- High precision machining, turning and thread rolling
- Fabrication, welding and assembly
- Coatings and treatments (including SurTec 650)
- Additive Layer Manufacturing (ALM)

Hyde Aero Products Limited  
Tudor Works, Ashton Street, Dukinfield,  
Cheshire, SK16 4RR, UK



Contact:  
*Anthony Hammond*  
Divisional Managing Director (Joint)  
[ahammond@hydeaero.co.uk](mailto:ahammond@hydeaero.co.uk)  
[www.hydegroupp.com](http://www.hydegroupp.com)



## Core activities:

Chemical Management Services  
Kitting Services  
Quality Management  
Vendor Managed Inventory  
Composite Management  
3PL & 4PL Services

## Aerospace Products

Engines components  
Systems components  
Airframe components  
Aerospace chemicals  
Composite materials

## End Markets

Commercial Aerospace  
Defence  
Industrial  
Pharmaceutical

## Annual Sales

\$2.4B

7 000 suppliers  
8 400 customers  
649 000+ SKUs

*We reduce complexity and increase reliability so our customers can deliver mission-critical solutions that improve our world.*

**INCORA** is the world's leading independent distributor and provider of comprehensive supply chain management services to the global aerospace industry. Our services range from traditional distribution to the management of supplier relationships, quality assurance, kitting, just-in-time delivery, chemical management services, third-party logistics or fourth-party logistics and point-of-use inventory management. We offer one of the world's broadest portfolios of aerospace products comprised of 649,000 active SKUs, including C-class hardware, chemicals, electronic products, bearings, tools, and machined parts.

During our 60+ years of operation, we have grown to serve more than 8,400+ customers with global workforce operating across 68+ locations worldwide.

## Areas of expertise:

### Aircraft Systems Served

- Engine & Engine Systems
- Hydraulic Units
- Actuation Systems
- Wheels and Brakes
- Landing Gear
- Aircraft Airframe & Aircraft Exterior



# MAYCAST-NOKES

**Maycast-Nokes**  
Precision Engineering Limited

## Core Activities

Investment / Lost Wax Castings  
Precision Sand Castings  
Gravity Die Castings  
CNC Machining

## Year established

1969

## Employee Number

118

## Annual Sales

£8.4M

## Certifications

NADCAP NDT (X-Ray & PFD)  
NADCAP Heat Treatment

## Approvals

ISO9001:2015  
AS9100 REV D

**Maycast-Nokes** is a precision engineering company manufacturing castings by three different techniques – investment/lost wax, precision sand and gravity die casting. The foundries are supported by extensive in-house facilities which include heat treatment, metallurgical laboratory, non-destructive testing (FPI/X Ray) and a pattern shop & tool room.

In addition to these foundries, we have a comprehensive CNC machine shop with simultaneous 5-axis machining capabilities and temperature-controlled inspection department.

## Areas of expertise:

- Investment/Lost wax casting
- Precision sand casting
- Gravity die casting
- CNC Machining
- Rapid Prototyping
- Radiography
- Fluorescent Penetrant Inspection (FPI)
- Heat Treatment
- Pattern making



## Contact:

*Dave Blower* - [dblowner@maycast.co.uk](mailto:dblowner@maycast.co.uk)

*Simon Gill* - [sgill@maycast.co.uk](mailto:sgill@maycast.co.uk)

*Paul Raby* – [praby@maycast.co.uk](mailto:praby@maycast.co.uk)

Maycast-Nokes Precision  
Engineering Ltd.,  
Factory Lane West,  
Halstead, Essex  
CO9 1EX, United Kingdom.

W: [www.maycast.co.uk](http://www.maycast.co.uk)



# Midland Aerospace Ltd



## Core activities:

- CNC Machining & Fabrication
- Assembly
- Surface Treatments
- NDT
- Speed Shop

**Year established** – 1995

**Employee Numbers** - 74

**Turnover** - £200m (Group)

## Certifications:

- AS9100 rev D
- CAA
- NADCAP Chemical Processing (Gold Merit)
- NADCAP Heat Treatment (Silver Merit)
- NADCAP NDT (Silver Merit)

## Customer Approvals:

- Airbus
- Magellan
- ST Engineering Aerospace
- Parker – Meggitt
- Senior Aerospace
- L3 Harris
- Amongst others

**Midland Aerospace** are experts in delivering precision engineered components for the Aerospace and Defence industries. Our modern and extensive machining capabilities allow us to offer turnkey solutions for a wide range of materials.

Operating from a modern purpose-built facility located in Nottinghamshire in the United Kingdom, we offer a comprehensive range of services with our core Machining and Fabrication activities supported by an extensive range of in-house surface treatments and inspection capabilities.

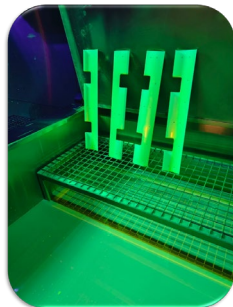
Supported by the Calder group, a pan-European engineering group, serving a global customer base operating across the Aerospace and Defence, Construction, Healthcare, Marine, Nuclear, Oil and Gas market sectors.

## Areas of expertise

Manufacturing of complex engineering components and systems



- 5 Axis Milling & Mill-turn
- 3 Axis Milling
- Multi Axis Turning
- 2 Axis Turning
- Fabrication
- Assembly and sub-assembly



## Supported by

- NADCAP approved Surface Technologies
- NADCAP approved NDT
- NPI and Project Management
- AOG – Speed shop support
- Dedicated customer service team



**Contact:**  
**Gary Roberts – Managing Director**  
E: [enquiries@midlandaerospace.com](mailto:enquiries@midlandaerospace.com)  
W: [www.midlandaerospace.com](http://www.midlandaerospace.com)



# MSM aerospace fabricators



## Core Activities

Manufacture and repair of complex sheet metal components and assemblies  
Engine and nacelle fabrications  
ECS, anti-ice and bleed air ducts and components  
Ozone converters & heat exchanger headers  
Leading edge & nose rib pressings  
EASA MRO of intakes, exhausts and ducts

## Year established

1937

## Employee Number

60

## Annual Sales

£10M

## Certifications

AS9100  
Nadcap  
EASA145

## Approvals

Airbus, Rolls-Royce, Safran, GKN  
Aerospace, Collins, Honeywell,  
BAE Systems, Liebherr,  
Goodrich, Meggitt, Eaton.

**MSM aerospace fabricators** is a leading SME manufacturer specialising in complex forming and welding of high temperature metals.

MSM has an 85 year heritage in the manufacture and repair of aerospace components for engine, nacelle, exhaust and thermal systems applications.

## Areas of expertise:

- Hydroforming of sheet metal
- Rollforming of sheet metal, cones and tubes
- Bulgeforming of tubes and cones up to 1m dia.
- 5 axis laser profiling
- TiG, auto & resistance welding
- Laser welding
- VTL and CNC machining
- NDT and pressure testing
- CMM laser scanning
- CAD sheet metal forming simulation
- EASA145 MRO organisation



Contact:  
*Michael Pedley*  
Chief Executive Officer  
E: [mp@msm-aero.com](mailto:mp@msm-aero.com)  
W: [www.msm-aero.com](http://www.msm-aero.com)

MSM aerospace fabricators  
Spring Vale Works  
Middleton  
Manchester  
M24 2HS

## Core Activities

Precision Machining  
Processing and Surface  
Treatments & Finished Paint  
Assembly & Testing  
Fabrication & Welding  
Machined Fabrications  
Heavy Fabrication Supply Chain  
Integration  
Design & Reverse Engineering  
MRO

## Year established

2003

## Employee Number

500

## Annual Sales

\$80M

## Certifications

ISO 9001, AS9100, ISO1400,  
FAR145/EASA145, CAA Part 145  
& 21  
NADCAP for special processes

## Approvals

Airbus, Airbus D&S, Boeing,  
Rolls Royce, GE Aviation,  
Lockheed Martin, Bombardier,  
BAE Systems, Safran, GKN  
Aerospace, Siemens, Raytheon,  
Parker Meggitt, Ametek, Spirit  
Aerosystems, Moog Aerospace,  
Eaton Aerospace, Babcock

**Nasmyth** provides a complete, cutting-edge manufacturing service, supplying multi axis machined and turned components, complex fabricated details, machined/ fabricated assemblies, and surface treatment finishing, including finish paint.

As a strategic manufacturing partner, our portfolio also includes manufacture of fuel pipe and air duct components using our innovative Solid Machining Solutions “SMS”, and mechanical/electronic assembly and testing. We continually develop our offering with an adaptive approach to new technologies and markets and can provide “best cost” solutions in Asia.

These world-class engineering solutions are supplied to the Space, Air, Land and Sea, Power-Gen platforms within the World’s leading Defence, Aerospace, Space Markets,

Headquartered in the UK, our business has manufacturing facilities and local offices in the UK and India.

## Areas of expertise:

- Precision Machining
- Solid Machining Solutions including Pipe, Duct and Fuel Systems
- Cast and Forging Casting Conversions
- Processing and Surface Treatments including paint finishing
- Assembly and Testing
- Fabrication & Welding
- Machined Fabrications
- Heavy Fabrications
- Design & Reverse Engineering
- Maintenance, Repair and Overhaul
- Supply Chain Integration
- Best Cost Manufacture in India
- Best Cost Engineering Support
- CAD sheet metal forming simulation
- EASA145 MRO organisation



**Core Activities**

Manufacturing  
Support of  
Legacy aircraft component

**Year established**

1956

**Employee Number**

1500

**Certifications**

Part21G,  
Part145,  
FAA,  
EASA,  
CAC,  
Transport Canada

**Approvals**

ISO9001  
AS9100  
ISO14001

**Ontic** is the globally trusted aerospace partner in supporting and supplying established aircraft parts to the world's aerospace leaders. Providing established product solutions and expert OEM support isn't just something we do. It's all we do. With seven facilities across the world and over 5,000 customers worldwide, Ontic has capabilities in all 5 aerospace sectors. Whether a customer, partner, member of the community, or each other, our promise remains the same — we embrace the challenge to start where others stop.

With over 50 years of aerospace product manufacturing and aftermarket support experience, Ontic provides FAA, CAAS, CAAC, TCCA, DCA, EASA Part 21 and 145 OEM support, including new and serviceable spares and repairs for over 8,000 aircraft parts. Ontic's portfolio of products, licensed or acquired from major OEMs such as Honeywell, Collins Aerospace, Safran, Thales and GE Aviation, span all major aircraft systems in both civil and military markets.

**Areas of expertise:**

- +Fifty years of experience & hundreds of product transitions refined to minimize customer disruption and impact on your operations
- Supply chain specialization for low volume, high mix legacy products
- Product sustainment and engineering expertise

**Contact:**

*Lilian Clede - Business Development Director*

E: [lilian.clede@ontic.com](mailto:lilian.clede@ontic.com)

M: +44 (0) 7355 034624 - +33 6 31135212

W: [www.ontic.com](http://www.ontic.com)

**ONTIC**

Cleeve Business Park  
Bishops Cleeve,  
Cheltenham GL52 8TW,  
United Kingdom



# AP Filtration – An Ontic Company



[apfiltration.com](http://apfiltration.com)

## Core activities

Fluid filtration and electrical connectors manufacturer

## Year established

1920

## Employee Number

28

## Annual Sales

\$6 million

## Certifications

- ISO9001
- AS9100 Rev D
- Parts 145 & 21G
- ISO14001

## Approvals (partial)

*Rolls Royce:*

- Auth.to Approve Sub Tier
- ESID-10143124
- Repair & Overhaul

*Boeing*

- Authorised supplier

*Safran*

- Authorised supplier

In business for over 100 years, and part of the Ontic family of companies,

**AP Filtration Ltd** specialises in the design, testing and manufacture of the highest quality engine fuel/oil & hydraulic filtration and electrical connectors for the commercial and defense sectors of the Aerospace industry.

- Legacy, Second Source, Re-Engineer, Build to Print/Spec, Aftermarket, New Programmes
- Dedicated Engineering team
- 15,000 sq ft facility, Greater Manchester, UK
- 3D printer for prototype development
- Resistance, Spot and TIG Welding

## Core Products:

- Engine- Fuel & Oil Filtration
- Hydraulic System: Filters and Assemblies
- Landing Gear & Actuation Filtration
- APU Oil Filter
- Air Bleed Valve Filter
- Fluid Transfer Couplings
- Fire Loop Harness Connectors

## Platforms Include:

- ✓ A319/20/21, A330/40/50/80
- ✓ B717/37/47/57/67/77/87
- ✓ G300, G350, G400, G450
- ✓ Eurofighter
- ✓ A400 Atlas
- ✓ C160
- ✓ Saab Gripen



Contacts:

**Richard Fisher**

Sales Manager

[rick.fisher@apfiltration.com](mailto:rick.fisher@apfiltration.com)

**Duncan Whalley**

Head of Commercial & Operations

[duncan.whalley@apfiltration.com](mailto:duncan.whalley@apfiltration.com)

## Core Activities

Design  
Manufacturing  
Testing and Qualification  
Maintenance and Repair

## Year established

1924

## Employee Number

3 000+

## Annual Sales

\$900M

## Certifications

NADCAP  
SAE AS9100:2001  
ANSI/ISO/ASQ Q9001-2000  
AS7114 Non-destructive Testing  
AS7108 Chemical Processing  
FAA-PMA  
US Gov't DCMA

## Approvals

FAA  
EASA  
CAA

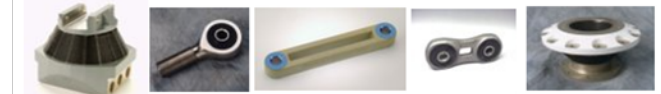
Founded in 1924, **LORD Corporation** is a diversified technology and manufacturing company commercializing highly reliable motion management devices and systems to address noise and vibration issues

Part of Parker organization since 2019

## Areas of expertise:

- Motion and vibration control technologies
- Flight critical, dynamic rotor components: Spherical bearings, frequency adaptors (Dampers)
- Electro-Mechanical solutions
- Sensing systems
- Engine & APU mounts
- Equipment isolators

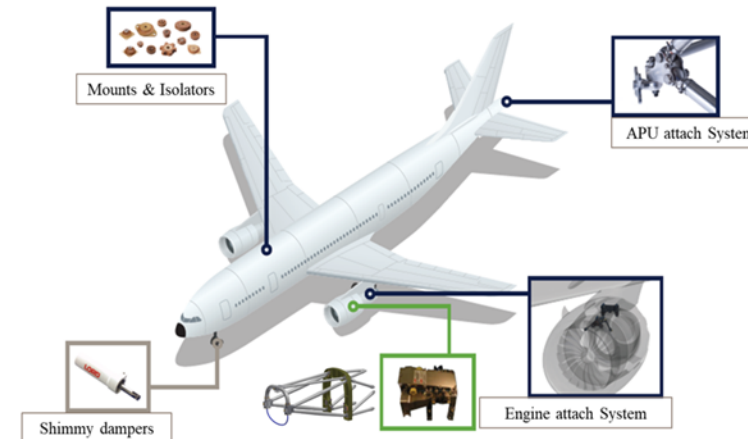
## h/c rotor dynamic parts



## Circular Force Generator



## Fixed Wing Nose-to-Tail Products



**Parker Lord Noise, Vibration & Harshness Division** is the best-in-class provider of customized vibration, motion management solutions serving primarily aerospace end-market. Our market competitiveness and growth results from a culture of engaged people and a premier customer experience.

## Contact:

Christophe Ménard  
EMEA Aerospace sales Director  
E: [christophe.menard@parker.com](mailto:christophe.menard@parker.com)

Parker Lord  
330 Allée des Hêtres (Hall D)  
69760 LIMONEST  
France

# ROLLS-ROYCE



## Core Activities

Provide services and expertise to Airbus across their product line

## Year established

1993 (Toulouse)

## Employee Number

70 (Toulouse)

## Annual Sales

11M€ (Toulouse)

## Certifications

EN9100

## Approvals

Part21 SubPartG

## Pioneering the power that matters

**Rolls-Royce** pioneers cutting-edge technologies that deliver the cleanest, safest and most competitive solutions to meet our planet's vital power needs.

With the digital revolution blurring the boundaries between our physical products and the services we provide, we see a future where our engines are connected, contextually aware and even comprehending. A future where we design and test engines digitally, service them remotely and manage them through their digital twin. A future where, once again, we are pioneering the power that matters, just like we have throughout our history.

Rolls-Royce Civil Aerospace is a major manufacturer of aero engines for the large commercial aircraft, regional jet and business aviation markets.

The business uses its engineering expertise, in-depth knowledge and capabilities to provide through-life support solutions for its customers, who operate 15 400 Rolls-Royce engines on 35 aircraft types.

## Areas of expertise:

Around 200 Trent turbofans are delivered by Rolls-Royce to Airbus in Toulouse every year. The highly-capable team in Toulouse specialises in:

- Aircraft development support – ensuring engine development supports the requirements of new aircraft programmes.
- Sales and Marketing – co-ordinating activity with our key customer, Airbus, ensuring engines are sold to airlines worldwide.
- Engine delivery – working with partners in Toulouse to ensure high quality engines are delivered on time.
- Aircraft delivery - to support the Airbus production process in order to deliver aircraft on target



Contact:  
**Christophe MOLUS**  
Senior Vice President – Airbus & RRTS Director  
E: [Christophe.molus@rolls-royce.com](mailto:Christophe.molus@rolls-royce.com)

Rolls-Royce Technical Support SARL  
46 avenue Jean Monnet  
31770 Colomiers  
France



# SENIOR Aerospace



## Core Activities

Fluid systems  
Composite (Air conditioning)  
Metal (EBU, Bleed, Hydraulic,  
Fuel, Drain, Water, Hydrogen)

## Structure

Engine & Nacelle component  
(Hard metal large dimension)  
Aero structure parts  
(Wing, Fuselage, Pylon, Seats)

## Employee Number

26 operations  
12 countries  
6500 employees

## Annual Sales

£800M

## Approvals

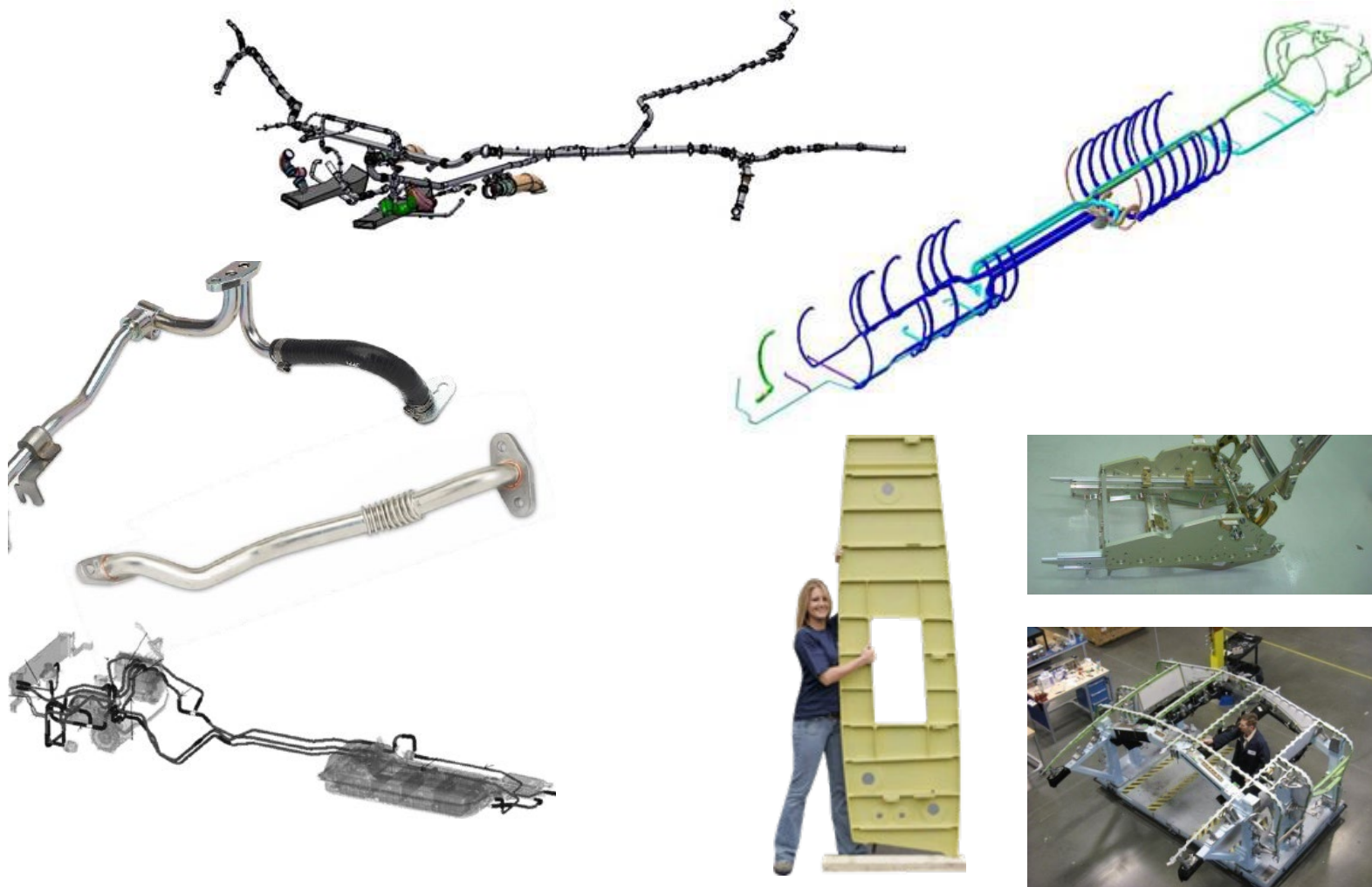
All main Tier 1

Empowerment of autonomous, collaborative operations with an absolute commitment to safety, ethics and talent development.

To be a trusted and collaborative high value-added engineering and manufacturing company producing sustainable growth

## Areas of expertise:

- EBU & Bleed ducting
- Air conditioning ducting
- Hydrogen
- Design, testing and manufacturing
- Fuel Cell
- Detail parts hard, soft, short, long
- Assemblies
- Surface treatment
- 3D Print plastic
- 3D print metal
- Heat exchanger
- Fittings



## Core Activities

Large Bore Tube Bending  
Pipe Assemblies  
Ducting  
Fabrications  
Sheet Details  
Sub-Assemblies  
Precision Machining  
Specialist Fasteners  
Tooling  
Polishing & Finishing  
NPI (New Product Introduction)  
Processing & Surface Treatments

## Year Established

2004

## Employee Number

475

## Annual Sales

\$60m

## Certifications

ISO 9001, AS9100 Rev D, ISO 14001, ISO 18001, Nadcap Accreditation for Welding, Brazing, Heat Treatment, X-Ray, Dye Penetrant Inspection & Conventional Machining

## Approvals

Airbus, Safran, Rolls-Royce, Collins Aerospace, BAE Systems, Bombardier, GKN and many more...

## Introduction:

Sigma manufactures rigid pipes up to 150mm diameter including 1D bends across all materials on our multi-stack all electric benders, ducting of various sizes, fabrications, sub-assemblies, sheet details and machined parts from a full range of metallic materials for the Airframe, Power & Systems and Services sectors at our facilities in the UK and China. We offer Nadcap accredited supporting services such as welding, surface treatments, NDT, machining, specialist finishing, and we have the capability to manufacture our own tooling.

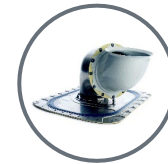
With our dedicated NPI team, Sigma engineer new products and ensure fast-make delivery to the aircraft. Cross-site customer approvals mean we can provide an internal dual-source capability supported by our vertically integrated supply chain.

## Areas of expertise:

- Tube bending up to 150mm diameter
- Rigid Pipe Assemblies & Ducting
- Complex forming & welding
- Fabrication & Sheet Details
- Sub-Assemblies
- Precision Machining
- Processing and Surface Treatments
- Polishing & Finishing
- Tooling
- NPI, Prototyping & Reverse Engineering
- Using Soft & Hard Metals
- Supply Chain Integration
- Low-cost Manufacture



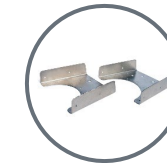
PIPE ASSEMBLIES



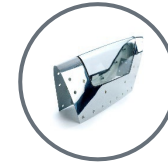
DUCTING



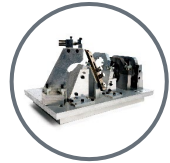
FABRICATIONS



SHEET DETAILS



SUB-ASSEMBLIES



FIXTURES



MACHINED  
DETAILS



FASTENERS



FINISHING

Contact  
Mark Lambert  
Business Development Director  
E: [mark.lambert@sigma-aero.group](mailto:mark.lambert@sigma-aero.group)

8 Alan Bray Close,  
Dodwells Bridge Industrial Estate,  
Hinckley, Leicestershire, LE10 3BP, UK.  
[www.sigma-aero.group](http://www.sigma-aero.group)

## Core Activities

Major manufacturer of precision tight tolerance machined rings to the aero-engine market.

Facilities comprise 10,000 m2 machine shop

**Year Established**  
1939

**Employee Number**  
120

**Annual Sales**  
£20m

## Certifications & Approvals

BS-EN ISO9001 / AS9100 Rev D  
ISO13001 compliant

NADCAP Non-destructive Testing  
- 24 month merit approval  
NADCAP Non-conventional  
Machining (EDM) - 24 month  
merit approval  
Customer Specific Approvals

**Silcoms Ltd** is the United Kingdom's leading supplier, by value and volume, of machined rings to the aero engine industry. The company manufactures rings, casings, seals, shrouds and segments for customers in Europe, Asia and North America, including Rolls-Royce, Kawasaki, and Siemens.

Specialist in producing complex rings from nickel, titanium, stainless steel, and aluminium. The company's core competence is for components in the size range 150mm diameter to 2000mm diameter. Silcoms offers a complete service including, design and procurement of forgings, kitting and NADCAP approved, treatments and sub-tiers

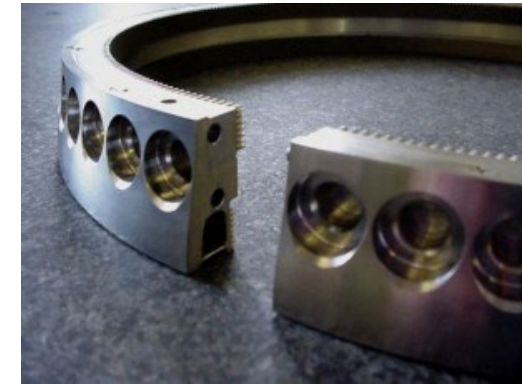
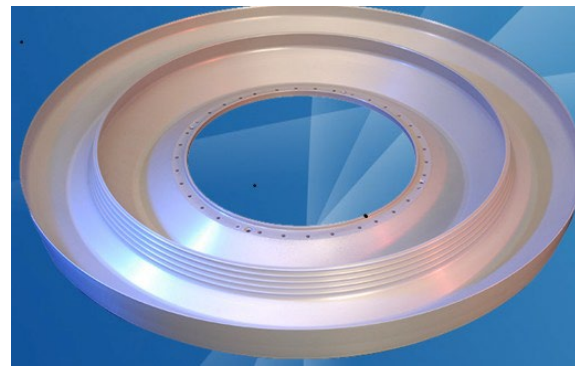
## Areas of expertise:

- Manufacture a wide portfolio of products
- Kitting - including purchased items, full accountability for supply chain
- Wide ranging capability, highly skilled flexible workforce.
- Legacy and low volume as well as serial production.
- Ability to create surge capacity
- Will invest in new capital equipment and provide bespoke turnkey solutions.
- Able to machine all types of aerospace alloys.
- Extensive network of "special process" suppliers
- Proven 'Design for manufacture' expertise.
- Design of forgings - close to form leading to customer cost savings at early stages.
- Responsive and agile; short lead times and fast make capability.

**Large Diameter Thin Wall Ring**



**Rotating & Static Seals**



**Honeycomb Seals & Shrouds**





# Spectrum Technologies



## Core activities:

Manufacture of Laser Wire Marking Machines  
Manufacture of Laser Wire Stripping machines  
Full global service and support

## Year established

1989

## Employee Number

74 worldwide

## Annual Sales:

£11m

## Certifications

ISO9001:2015  
ISO14001  
SAE AS 5649  
ASD EN4650

## Approvals:

Airbus  
Boeing

## Introduction:

Spectrum Technologies is the leading global specialist supplier of laser wire processing solutions to the Aerospace sector. Spectrum pioneered laser wire marking over thirty years ago and continues to be involved in setting Aerospace standards, with machines in service at all major primes and their suppliers across the world, processing wire at up to 60 metres per minute.

In the varied field of wire insulation removal, Spectrum also manufactures a range of specialised machines that will cleanly strip cables without damaging the conductor. We also manufacture combined machines to mark, strip and cut cables to length in one process.

A privately owned company, with its HQ in Bridgend, Wales and sales & service offices in Texas, Shanghai and India, Spectrum offers professional expertise in a specialised and safety-critical field which extends also to automotive, medical and industrial customers.

## Areas of expertise:

Manufacture of high-volume (aircraft manufacturer) to desk-top (MRO) laser wire marking machines & service

Manufacture of laser wire stripping machines & service

Wire Processing Service (Job Shop)



## Contact:

Phil Ripley – EMEA Sales Manager  
[pripley@spectrumtech.com](mailto:pripley@spectrumtech.com)  
[www.spectrumtech.com](http://www.spectrumtech.com)  
+44 7425 795815

## Address:

Spectrum Technologies Ltd,  
Western Avenue, Bridgend CF31 3RT UK

# TATA Technologies

# TATA TECHNOLOGIES

## Core Activities

Electrical System Installation Design  
Mechanical System Installation Design  
Structures stress analysis.  
In service support  
MRO management  
Robotics Systems design and installation for industrial sites  
Jigs and tools design and installation for industrial sites  
Electrification  
Manufacturing Engineering Business Modeling  
Digital Transformation  
Digital Enterprise Solutions  
Embedded software

## Year Established

1989

## Employee Number

12 000 Innovative professionals

## Annual Sales

Approx 500MUSD

## Certifications

ISO 9001:2015  
AS 9100D  
ISO 27001:2013 ISO 45001:2018

## Aerospace

18 Leading OEMs  
6 Leading MROs

## 11 Legal entities

International Operations

**Tata Technologies Ltd.** is the engineering services arm of the Tata Group.

We pride ourselves on solving business challenges from the pragmatic lens of the engineering and the manufacturing.

Partnering with our customers, our objective is to understand you and improve your long-term performance, by deploying proven and emerging technologies, tools and solutions.

## 20 Global Deliveries Centres

USA (Headcount: 370) – Detroit

Europe (Headcount: 1250) - Warwick (UK), Toulouse (France), Hamburg & Munich (Germany), Gothenburg (Sweden), Brasov, Craiova & Iasi (Romania)

India (Headcount: 7470) - New Delhi, Blue Ridge & Hinjawadi - Pune, Bengaluru, Thane

China (Headcount: 130) -Shanghai (China)

SEA (Headcount: 60) - Osaka (Japan), Bangkok (Thailand), Singapore

## Aeras of expertise:

- Engineering services
- Manufacturing Engineering services
- Data / Digital transformation
- Robotics & automation
- Customer services

## Contact:

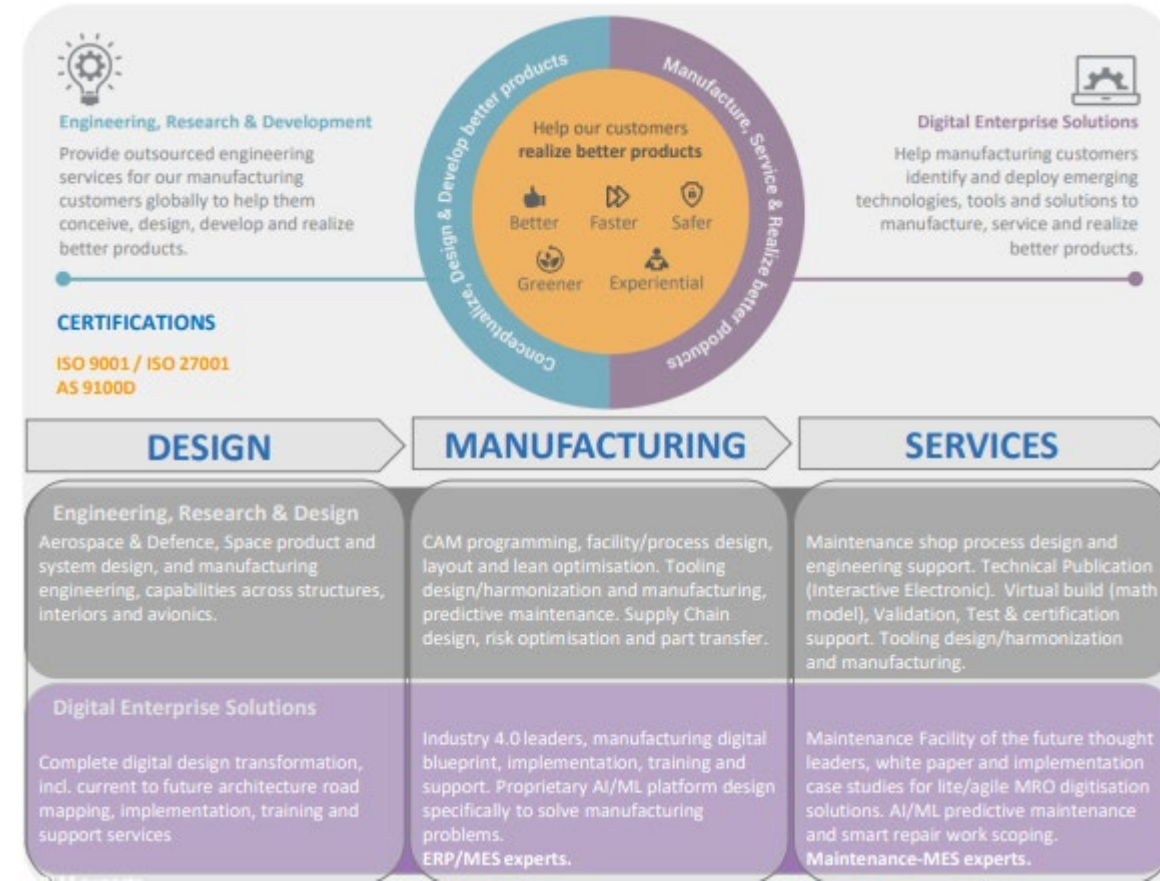
Roger Farré Gascon  
Key Account Manager  
E:[Roger.farre-gascon@tatatechnologies.com](mailto:Roger.farre-gascon@tatatechnologies.com)

## Contact:

Mike Garbett  
Key Account Director  
E:[Mike.garbett@tatatechnologies.com](mailto:Mike.garbett@tatatechnologies.com)

## Address:

2 Av. Escadrille Normandie Niemen  
31700 Blagnac - FRANCE



**Tech Mahindra** is a \$7bn business, part of the Mahindra Group, a \$20bn industrial business with 55 manufacturing sites, working in many different industry sectors in more than 100 countries. Tech Mahindra is an engineering, technology and consulting business that employs 150,000 people in 90 countries. Originally a joint venture with British Telecom in 1986, Tech M was incorporated in 2006. Growing steadily since the 1980s, TechM has made several key acquisitions in its journey to the modern, digital business it is today – Pininfarina, the globally recognised Italian automotive design house was acquired in 2015 and the Born Agency in 2019. TechM is regularly recognised as a leading global force in digital and sustainability. Today, TechM has deep relationships with 6 out of the top 8 aircraft OEMs and Tier 1 manufacturers.

## Aera of expertise:

We help our customers across the whole engineering value chain - Engineering Services, from concept generation and ideation to design and manufacturing engineering. Supply chain development/management and product sustainment. IT and Digital Services to support the above. We work with most of the major manufacturers in Aerospace (as well as many other sectors including Automotive, Life Sciences and Pharmaceuticals, HiTech and Food/Retail)

### Core activities:

#### Year Established

TechM was incorporated in 2006.  
The Mahindra Group was founded in 1945

#### Employee Number

150,000 in TechM  
240,000 in Mahindra Group

#### Annual Sales

\$7bn for TechM  
\$20bn for Mahindra Group



## OEM Qualifications

2

OEM	Entity	Manufacturing Processes					Inspection & Testing				Surface Treatment & Part Marking									
		Laser Cutting	Machining	TIG Welding	Assembly	Heat Treatment	NDT-FPI	Hardness & Conductivity	Paint Adhesion	Electrical Bonding	TSA	BSA	CAA	CCC	Pickling	Passivation	Titanium Cleaning	Swab Etching	Painting	Part Marking
<b>AIRBUS</b>	UK	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified
	France	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified
	Germany	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified
<b>BOEING</b>	Civil	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified
	Defence	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified
<b>DASSAULT AVIATION</b>	All	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified
<b>GE Aerospace</b>	Engines	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified
<b>HAL</b>	Aircraft	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified
	Helicopter	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified
	Aerospace	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified
	MRO	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified

Qualified

Qualification WIP

Not Qualified

Not Applicable

Contact: Prasad Gonella  
Head of Tech Mahindra Engineering ( Europe )  
E: [durgaprasad.gonella@techmahindra.com](mailto:durgaprasad.gonella@techmahindra.com)  
W: <https://www.techmahindra.com/>



## Core Activities

Product Inspection  
FAI Recovery & Management  
APQP | PPAP  
Capacity & Capability  
Product Site Transfers  
Delivery Improvement  
Auditing and Assessments  
Precision Inspection Facilities  
Supply Chain Risk Management (SCRM)  
Recovery of Underperforming Suppliers.

## Year Established

**1976**; led by our CEO, Kathleen Boyle, the Verify Group is a **family owned** company.

**European HQ** established in the UK in **1998**

**Worldwide** network of experienced professionals

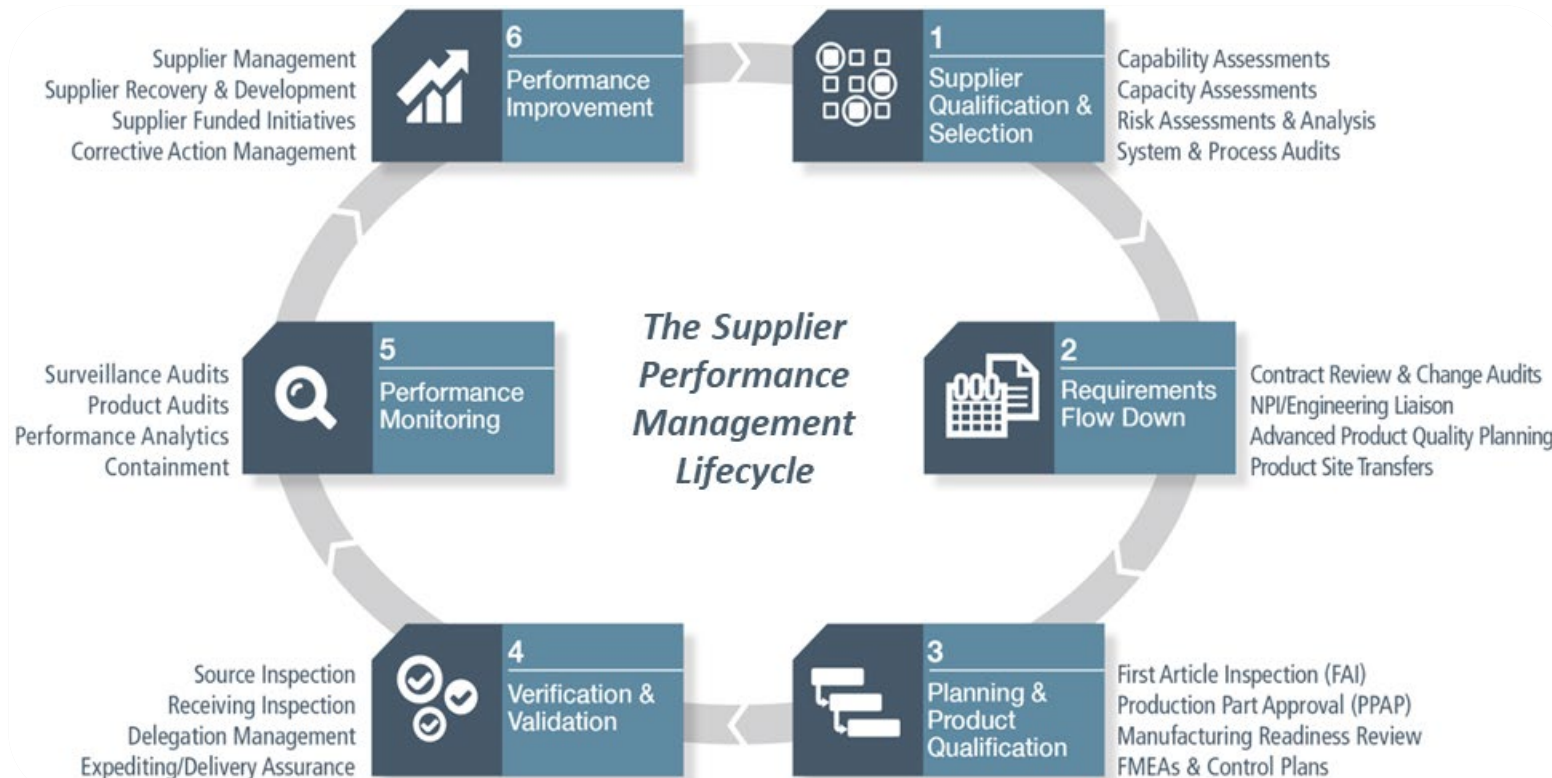
Supporting over **400 A&D customers**

Operating in more than **50 countries** and **7,000 supplier sites**

Since our inception, **Verify's** primary objective it to collaborate with our customers and their supply chain to pursue our vision of A WORLD WHERE SUPPLY CHAIN RISK IS ELIMINATED AND QUALITY PRODUCT IS DELIVERED ON TIME.

Verify's unique Supplier Performance Management (SPM) capabilities combine to create powerful cost-effective, value-add solutions. Our worldwide network of experienced professionals provides the following Risk Management, Quality Assurance and Delivery Assurance support.

## Areas of expertise:



People

Technically proven and qualified professionals ensure the right person for every task



Process

Best practice standard operating procedures consistently provide process control and optimization



Platform

Online Supplier Performance Platform provides real time project status, results and analytics



Facilities

Secure, outsourced facilities available at each Verify office and other strategic locations

Address:  
25 Shirwell Crescent  
Furztown, Milton Keynes. MK4 1GA.  
United Kingdom  
T: +44 (0) 1908 246 990

Contact:  
**Richard Dickson** – Senior Director  
E: [rdickson@verify-europe.com](mailto:rdickson@verify-europe.com)  
W: [www.verifyglobal.com](http://www.verifyglobal.com)

# W.L.GORE & Associates



## Core Activities

Materials, Wires, Cables and Cable Assemblies for:

Civil Aerospace  
Defence Aerospace  
Defence Land Applications  
Space

**Year established**  
1959

## Certifications & Approvals

Multiple Aerospace Certifications and Approvals

## Areas of expertise

High Data Rate Cables  
Microwave/RF Assemblies  
Aerospace Materials

**GORE's** commitment to innovation is based on a thorough understanding of materials and how they interact with their environment — with the result of reliable products for the aerospace industry.

Gore's commitment to innovation is based on a thorough understanding of materials and how they interact with their environment, resulting in aerospace products that have been trusted and relied on for decades. Our products meet the industry's distinctive challenges — like reducing maintenance and downtime, decreasing operating costs, improving communication, and providing protection and comfort for flight and ground personnel.

For more than 60 years, W. L. Gore & Associates has been an aerospace industry leader by providing solution-oriented innovations that include future materials for aerospace. Our failure-free solutions have been instrumental since the first moon landing to today's defense aircraft and commercial airliners. Lighter, more flexible and higher performing than competitors, Gore's product lines continue to meet the unique challenges of defense, civil and spaceflight environments and applications.

## Capabilities

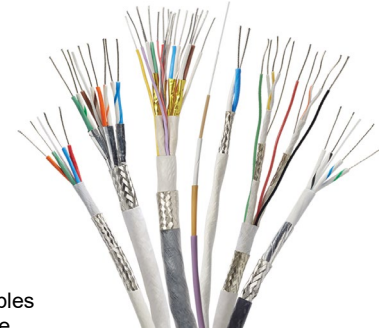
Gore developed unparalleled expertise in manipulating polymers. Our engineers can change a material's structure, shape, thickness, and surface geometry and then pair it with complementary materials to provide the performance qualities required by the application and the customer. The resulting product can be strong or permeable, rigid or flexible, thin or thick — with many additional combinations of properties that can be applied to meet the requirements of aerospace companies. This expertise has led to key innovations for aircraft and spacecraft.



GORE-FLIGHT Microwave Assemblies



GORE SKYFLEX Aerospace Materials



GORE High Data Rate Cables  
for Aerospace & Defense

## Contact

Frédéric AMARIUTEI  
Director France & Spain Offices  
E: [famariut@wlgore.com](mailto:famariut@wlgore.com)

## Address

Bercy International  
8, Place des Vins de France  
75012 PARIS

