Northern Ireland Aerospace & Defence
Spirit AeroSystems Belfast is developing the fixed wings for the CityAirbus NextGen eVTOL prototype.
Northern Ireland Aerospace & Defence

A leading aerospace region, Northern Ireland is at the heart of the global aerospace sector, with world-class capabilities in research, development, design, manufacture and supply chain expertise. The region includes the following aerospace companies: Spirit AeroSystems, Collins Aerospace, International, Embraer, BAE Systems, Spirit AeroSystems and GKN Systems, among others. The aerospace sector is supported by a strong network of suppliers and service providers, offering a wide range of products and services, including components, systems, and services.

Overview of Northern Ireland's Aerospace Industry

The aerospace industry in Northern Ireland is a major contributor to the region’s economy, with over 100 companies engaged in aerospace-related activities. The sector employs over 20,000 people and generates significant economic benefits, including high-value exports, skilled workforce development, and innovation.

Why Northern Ireland?

Northern Ireland’s aerospace and defence sector offers unique advantages for companies looking to establish or expand their operations in the UK. The region offers a strong pool of highly skilled and experienced workers, state-of-the-art facilities, and a strong focus on innovation and collaboration.

Strategic Location

Northern Ireland’s central location in Europe provides easy access to the EU market and the UK. The region is a key location for manufacturers looking to leverage the UK’s strong aerospace market and access to the EU market.

Sustainability

Northern Ireland is committed to sustainability and is a leader in the international aerospace industry. The region is continuously working to improve its environmental impact and reduce its carbon footprint.

Opportunities

The aerospace industry in Northern Ireland offers a range of opportunities for companies looking to establish or expand their operations. The region provides a supportive business environment, access to world-class research and development facilities, and a highly skilled workforce.

Future Flights / Advanced Air Mobility

Northern Ireland’s aerospace sector is well-positioned to play a key role in the development of future flight technologies. The region is home to a range of companies engaged in research and development in advanced air mobility, including eVTOLs and VTOLs.

Northern Ireland Aerospace and Defence-offers:

- Expertise in key technologies including: composites, advanced materials, and additive manufacturing
- Supply chain collaboration
- Focus on reducing cycle times and driving improvement
- Proven ability to ramp up quickly
- Major ongoing company investment in technology, such as AI and machine learning
- Strong partnership between academia, industry and government departments ensures that courses meet industry needs
- Talent pool with over 34% of Northern Ireland’s workforce having a degree or equivalent
- World-class universities and an extensive network of research institutions

Sustainability

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Opportunities

The aerospace industry in Northern Ireland offers a range of opportunities for companies looking to establish or expand their operations. The region provides a supportive business environment, access to world-class research and development facilities, and a highly skilled workforce.

Access to highly educated and skilled professionals is a strong regional attraction:

- World-class universities and an extensive network of research institutions provide a robust academic and vocational training.
- Talent pool of over 24% of Northern Ireland’s workforce is highly skilled and has a high level of qualification, at an significantly lower cost compared to EU and UK averages. Operating costs are up to 30% lower than in mainland UK and EU.
- Northern Ireland is strongly engaged in a variety of initiatives to provide training opportunities and improve workforce skills.
- Strong partnership between academia, industry and government departments ensures that courses meet industry needs.
- Access to a highly educated and skilled workforce is a strong regional attraction.

Access to key markets:

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Established Capabilities & Technologies

- Precision Machining
- Composites/Plastics/Advanced Materials
- Design Stress Engineering & Testing
- Tooling & Advanced Metal Forming
- Assembly, Sub-Assembly & Integration
- Interiors

Enabling Capabilities & Technologies

- Securing Apps, Networks & Cloud
- Identification, Authentication & Access Control
- Operational Tech (OT) Security & Connected Devices
- Factory of the Future
- Photonics & Sensors
- Contract Electronics Manufacture
- IoT Real-Time Asset Tracking
- AI/Data Analytics

Northern Ireland
ADS Group Ltd
Core Activities
National Trade Association for the Aerospace, Defence, Security and Space Industries
Year Established
2010
Employee Number
51 - 249
Annual sales
$1 - $5m
Contact
Dr Leslie Orr
E: leslie.orr@adsgroup.org.uk
T: +44 (0) 28 9046 8296
W: www.adsgroup.org.uk
Address
Airport Road
BELFAST
BT3 9DZ
www.adsgroup.org.uk

ADS is the Premier Trade Organisation for companies in the UK Aerospace, Defence, Security and Space Sectors. Membership is made up of over 1000 UK registered businesses. ADS Northern Ireland represents members in the region and works closely with Invest NI to grow the industry. Farnborough International Limited (FIL), which runs the Farnborough International Airshow, is a wholly-owned subsidiary of ADS Group Ltd.

Areas of expertise:
- Promotion of the Industry - improving the image and profile of our industries
- Industrial Policy - influencing the policy debates of most importance to our industries
- Quality Standards - supporting UK manufacturing and our industries’ supply chains
- Encouraging investment in technology and innovation
- Providing Member value - supporting business development opportunities nationally and internationally through trade events and missions

Aerospace Metal Finishers Ltd
Core Activities
Non-destructive testing, anodising, painting and finishing treatments for the Aerospace and Defence sectors.
Year Established
2002
Employee Number
<50
Annual sales
$1 - $5m
Contact
Roger Smyth
E: roger@amfni.com
T: +44 (0) 28 2563 1066
W: www.amfni.com
Address
Unit 3
11-17 Paradise Avenue
BALLYMENA
BT42 3AE
www.amfni.com

Aerospace Metal Finishers was established in 2002 to meet the need for a high-quality metal finishing facility offering customers a quick reliable turnaround time with consistent quality. The plant is equipped with the best technology, extraction, filtration and effluent treatments which meet all current and future environmental directives and legislation.

Areas of expertise:
- Non-destructive testing of aluminium, titanium, steels
- Anodising of aluminium and titanium
- Abrasion resistant coatings
- Paint and dry film lubricants
- Identification and inspection processing

Aerospace Metal Finishers Ltd
Core Activities
Non-destructive testing, anodising, painting and finishing treatments for the Aerospace and Defence sectors.
Year Established
2002
Employee Number
100 - 249
Annual sales
$1 - $5m
Contact
Roger Smyth
E: roger@amfni.com
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- Anodising of aluminium and titanium
- Abrasion resistant coatings
- Paint and dry film lubricants
- Identification and inspection processing
ANGOKA is an IoT security company focused on protecting M2M communications for Smart Cities and Mobility. With an increase of inherently insecure networks coming online with the boom of IoT, ANGOKA’s solutions safeguard critical machine-to-machine communication integrity and data provenance, creating trusted connections, even in untrustworthy networks.

**Core Activities:**
- Cybersecurity
- Internet of Things (IoT)
- Smart mobility
- Autonomous vehicles

**Year Established:** 2019
**Employee Number:** <50
**Annual sales:** <$1m

**Approvals:**
- BT (ANGOKA has two ongoing projects with BT, one in quantum security for 5G, and the other for security drone communications)
- National Cyber Security Centre Cyber Accelerator Alumnus
- Named one of the UK’s Most Innovative Cyber Security SMEs by the UK Government

**Areas of expertise:**
- IoT security
- Cybersecurity
- Smart mobility
- Autonomous vehicles

**Contact:**
- Yuri Andersson
- E: y.andersson@angoka.io
- M: +44 (0) 7711 581 557
- W: www.angoka.io

**Address:**
- Catalyst
  - The Innovation Centre
  - Queen’s Road
  - BELFAST
  - BT3 9AD

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AR Live Systems Ltd provides ethical, accurate, high-performing facial and object recognition technology that can be applied in transport, security and logistics for both the private and public sectors. ARLS has developed unique, proprietary, award-winning products which have been recognised by the UK Home Office for leading innovation in the field of security.

**Core Activities:**
- Facial recognition
- Object recognition
- Crime prevention and detection
- Mixed reality

**Year Established:** 2018
**Employee Number:** <50
**Annual sales:** <$1m

**Certifications:**
- Commercial And Government Entity
- NATO Commercial and Governmental Entity (CAGE/NCAGE U1NF7)

**Areas of expertise:**
- Security
- Artificial intelligence technology that can be applied in transport, security and logistics for both the private and public sectors

**Contact:**
- Francis Howard
- E: francis@arlivesystems.com
- T: +44 (0) 28 9128 3638
- W: www.arlivesystems.com

**Address:**
- Surveyor House
  - 7 Balloo Court
  - Balloo Drive
  - BANGOR
  - BT19 7AT
Axis Composites Ltd

Core Activities
Strategic development in advanced textiles/composites.

Year Established
2012

Employee Number
<50

Annual sales
<$1m

Axis Composites Limited is a spinout company from Ulster University. The company’s focus is on all aspects of modern composite technology, assisting and collaborating with its clients, in the design and development of labour saving 3D woven preforms for the production of technically advanced structural composite components. Manufacturing solutions and development programmes are undertaken to produce advanced composites for a broad spectrum of industries.

Axis Composites has extensive composites development capability with comprehensive engineering and textile technology expertise to satisfy the challenges of modern industry.

Areas of expertise:
• Composite textile processes
• Materials application
• Textile preform design
• Design and manufacture of textile equipment
• Textile modeling and simulation

Contact
Dr Edward Archer
E: info@axiscomposites.co.uk
T: +44 (0) 28 9036 6992
W: www.axis-composites.com

Address
Room 5B08B
Shore Road
NEWTOWNABBY
BT37 0QB

Boyce Precision Engineering Ltd

Core Activities
3 axis milling, 5 axis milling, Automatic cutting

Year Established
2006

Employee Number
<50

Annual sales
$1-$5m

Boyce Precision Engineering is a supplier of premium machined and assembled components to the Aerospace, Defence, Space, Motor Sport and Pharmaceutical sectors. It maintains its position in the market through its commitment to:

• Highest standards in delivery and quality
• Competitive pricing
• Investment in technology
• Providing optimum solutions for its customer base

Areas of expertise:
• 5 axis/3 axis hard metal machining
• Jigs and fixtures
• High-quality cosmetic machined components for aircraft furnishings
• Flexible and responsive service
• Full CMM capabilities

Contact
Brian Perry
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W: www.boyceprecisionengineering.com

Address
16 Charlestown Drive
Portadown
CRAIGAVON
BT63 5GA
Bradfor Ltd is a leading aircraft interiors manufacturer, supplying products to global organisations within the aircraft interiors sector. Specialising in the manufacture of products including dress covers, diaphragms, life vest pouches, straps and general upholstery, the company is renowned for its high-quality products and services.

Areas of Expertise:
- Pattern digitising and design
- Embossing and lamination
- Manufacture of aircraft seat covers
- In-house product development to meet customer specifications
- Upholstery of literature pockets

www.bradfor.co.uk

Brolis Photonics Solutions manufactures advanced systems for defence, security, surveillance, and targeting applications. The company’s cutting edge mid-infrared opto-electronics systems offer unique advantages in the most demanding operational situations. Brolis systems range from conventional Near Infra-Red to the covert SWIR spectral transmission windows for long-distance covert operations.

Areas of Expertise:
- ITAR free products
- Fast R&D cycle time
- Small, effective and professional team
- Robustification & Automation of production
- High operational efficiency

www.brolis-defence.com
Butterfly Engineering in Northern Ireland designs, develops, and certifies flexible aircraft seating that is instantly transformable between classes. Adjustable on a flight-by-flight basis, Butterfly’s products are game-changers that enable operators to instantly adjust and optimise cabin configuration according to actual demand, thereby maximise revenue, increase fleet utilisation, and reduce risk.

Areas of expertise:
- Convertible transportation seating (air, road, rail)
- Industrial design with focus on spatial optimisation in highly constrained spaces
- Design engineering of bespoke mechanical solutions
- Stress analysis & dynamic simulation
- Product certification

Contact
Lars Rinne
E: Lars.Rinne@butterflyseating.com
T: +852 5266 0766
W: www.butterflyseating.com

Address
Unit 1A
Concourse 1
Catalyst
Queen’s Road
BELFAST
BT3 9DT

www.butterflyseating.com

CATAGEN provides independent physical and virtual emissions testing to global automotive OEMs and industry leading data for transport policy makers. This expertise and patented technology is now leading the development of new Net Zero Technologies in green hydrogen and e-fuel production to further reduce emissions and fuel costs.

Areas of expertise:
- Replicating real world exhaust conditions in a patented recirculating gas reactor
- Their unique DMEGA technology can reproducibly replicate engine flow rates, temperatures and gas compositions for:
  - Standard gasoline/diesel; Hybrid powertrains;
  - E-fuels; hydrogen combustion, biofuels, ethanol / natural gas engines
- Catalyst ageing and Characterisation, Fuels and Lubricants Testing, Collaborative Research Projects
- Using this knowledge to develop new Net Zero Technologies for difficult to decarbonise sectors

Contact
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T: +44 (0) 28 9045 5100
W: www.catagen.com

Address
Channel Commercial Park
Queen’s Road
Titanic Quarter
BELFAST
BT3 9DT
Causeway's 'Pitch' PF3000 Economy Seat, end-to-end product development for aircraft interiors and structures coupled with strategic and tactical offload offers more than Tier 1 capabilities to OEMs, airlines and leasing companies. Causeway provides a unique partner to support your business growth.

Areas of expertise:
- 'Pitch' PF3000 economy class seat
- Full end-to-end product development – turnkey solutions in aircraft interiors
- Integration of design, manufacture, supply chain and assembly for critical components and sub-assemblies
- Strategic and tactical off-load partner

Contact
Peter Hinds
E: pete.hinds@causeway.aero
T: +44 (0) 7748 148 922
W: www.causeway.aero

Areas of expertise:
- Advanced High Volume Manufacturing Cell
- Rapid tool changing, full automation, enhanced traceability and data capture
- Continuous Fibre Thermoplastic Composites (PEEK, PPS, PEI & Polyamides and more, with fast cycle times)
- Single Stage Overmoulding of Thermoplastic Composites. Part reduction, incorporation of ribs and net formed components
- In-Press Snap Cure Thermoset Composites. Processes include BMC, RTM, Snap cure prepregs
- Sophisticated 7 Axis filament winding Suitable for tubulars, pressure vessels, and complex shapes

Contact
Jim Erskine
E: info@ccp-gransden.com
T: +44 (0) 28 9752 8501
W: www.ccp-gransden.com

www.causeway.aero

CCP Gransden offers one of the UK’s widest selections of advanced composites manufacturing processes in-house, delivering optimum solutions. Many esteemed customers entrust CCP Gransden for performance improvement. Substantial in-house capability is combined with experienced operators and a skilled engineering team to support exclusive projects right through from concept to commercialisation.

 Areas of expertise:
- Advanced High Volume Manufacturing Cell
- Rapid tool changing, full automation, enhanced traceability and data capture
- Continuous Fibre Thermoplastic Composites (PEEK, PPS, PEI & Polyamides and more, with fast cycle times)
- Single Stage Overmoulding of Thermoplastic Composites. Part reduction, incorporation of ribs and net formed components
- In-Press Snap Cure Thermoset Composites. Processes include BMC, RTM, Snap cure prepregs
- Sophisticated 7 Axis filament winding Suitable for tubulars, pressure vessels, and complex shapes

Contact
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T: +44 (0) 28 9752 8501
W: www.ccp-gransden.com

www.ccp-gransden.com
Centre For Competitiveness (CforC) is a membership based, not-for-profit organisation which focuses on all key areas of Continuous Improvement. CforC provides a range of training, facilitation and recognition services across all sectors. The key partners in service delivery are EFQM, ADS, Global Federation of Competitiveness Councils and COTRI.

Areas of expertise:
- Facilitation of Improvement Programmes (in a range of sectors)
- Innovation (Capability Assessment and Recognition)
- Auditing – ISO standards
- Training and Education
- Recognition schemes (European and National)

Contact
George Wilson
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T: +44 (0) 28 9073 7950
M: +44 (0) 77 9552 8906
W: www.cforc.org

Address
Innovation Centre
Queen’s Road
BELFAST
BT3 9DT

Clinty Regen Ltd

Core Activities
Chemical processing & crystallisation
Chemical regeneration

Areas of expertise:
- Regeneration of caustic waste
- Recycling of aluminium hydrate for water treatment
- Reducing disposal costs
- Reducing environmental costs

Contact
Brian McMillen
E: brian@wilsonresources.net
T: +44 (0) 28 9074 8551
W: www.clintyregen.co.uk

Address
27 Duncrue Street
BELFAST
BT3 9AR
CM Precision Components has a proven track record of a fast, reliable, efficient and accurate service. It specialises in smaller batches of smaller parts.

Areas of expertise:
• All aspects of CNC component manufacturing
• Quick turnaround is preferred
• It will assist with development if requested

Cmass is a world class electronics manufacturer located just north of Belfast. With a highly skilled workforce it provides electronics across a range of industry sectors from fast turn prototyping up to commercial volumes. Its workforce is supported by advanced technologies to ensure high quality.

Areas of expertise:
• PCB Assembly, inspection and test
• Cable harness assembly inspection and test
• Full build to include testing configuration and onwards logistics
• Strategic purchasing to support manufacturing
• Full engineer driven NPI
Collins Aerospace is part of Raytheon Technologies, the largest aerospace and defence company in the world. Its global team dreams, designs and delivers smarter, more connected solutions for passenger safety and comfort, mission success, space exploration, and operational efficiency and sustainability. Collins makes the most powerful concepts in aerospace a reality.

Areas of expertise:
- Aircraft cabin seating
- Lighting systems
- Oxygen systems
- Food and beverage preparation and storage equipment
- Cabin interior reconfiguration, programme management and certification services

Contact
Alan Henning
E: alan.henning@collins.com
T: +44 (0) 28 4176 2471
W: www.collinsaerospace.com

Address
2 Moor Road
KILKEEL
BT34 4NG

www.collinsaerospace.com

Cooneen Group is a market leading garment designer, manufacturer and supplier, whose brand is based on integrity, innovation, success, leadership and outstanding customer service every single time. Cooneen Group is one of the largest and most diversified garment manufacturers in Europe. They are a successful, stable group of companies operating in a range of clothing markets globally. The group is comprised of five individual companies bringing innovative design, excellent customer service, and strong, stable supply chains to meet and exceed customer’s expectations. Each company focuses on delivering outstanding garment solutions for clients with very specific garment requirements.

Areas of expertise:
- Cooneen Defence - Design and manufacture of police uniform items and military combat clothing systems
- Cooneen Protection - Design of innovative body armour solutions for global police and military authorities using technical textiles and heat management systems
- Cooneen Aviation - Innovation & investment in cutting edge technologies to deliver fully integrated survival and ballistic solutions
- Cooneen at Work - Uniform/workwear managed service, to corporate and public sector clients
- Cooneen by Design - UK’s leading designer and supplier of character nightwear for kids and adults

Contact
Barry McLaughlin
E: barry.mclaughlin@cooneen.com
T: +44 (0) 28 8952 1401
W: www.cooneengroup.com

Address
23 Cooneen Road
FIVEMILETOWN
BT75 0NE

www.cooneengroup.com

The Cooneen Group Ltd

Core Activities
Design & manufacture of innovative body armour solutions and police and military clothing

Year Established
1966

Employee Number
51-249

Annual sales
$10m +

Certifications
ISO 9001
ISO 14001
ISO 45001
Social Accountability Management System (SAMS)
SEDEX Membership

Areas of expertise:
- Cooneen Defence
- Cooneen Protection
- Cooneen Aviation
- Cooneen at Work
- Cooneen by Design

Contact
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T: +44 (0) 28 4176 2471
W: www.collinsaerospace.com

Address
2 Moor Road
KILKEEL
BT34 4NG

www.collinsaerospace.com
COPAS manufactures precision engineered components for the Aerospace market. The company is SC21 Silver accredited and has the capabilities and expertise to supply quality parts in hard and soft metals.

COPAS has invested in top range 5 Axis machines and the latest Automation and Robotics for competitive 24/7 machining.

Areas of expertise:
- 3, 4 and 5 Axis machining
- Automation and robotics machining
- Hard and soft metal components
- CAD/CAM engineering support
- CMM and camera based inspection
- Rapid response and same day delivery within Ireland

Creative Composites Ltd
Core Activities
Design and manufacture of high quality composite components.

Year Established
2000

Employee Number
51-249

Annual sales
$10m +

Certifications
ISO 9001
ISO 45001
IATF 16949
ISO 14001

Approvals
Thales

Contact
John Lutton
E: john.lutton@creativecomposites.co.uk
T: +44 (0) 28 9267 3312

Address
Knockmore Hill Industrial Estate
1 Ferguson Road
Lisburn
BT28 2FW

Creative Composites is the UK’s most advanced composite manufacturer, supplying components to global customers across a range of sectors including aerospace, automotive, manual handling and medical.

The unique combination of better design, better manufacturing, and better service means it is expertly placed to meet the demands of the market and customers.

Areas of expertise:
- Better design – highly skilled in-house engineering team delivers component design from concept to production ensuring products are optimised for performance and cost
- Better manufacturing – operates from a purpose-built 150,000 sq ft facility with the largest compression moulding technology in the UK, advanced robotics, 6 six 5-axis CNC centres and state-of-the-art-painting and top-coating facilities
- Better service – offers dedicated account management, excellent delivery performance, highest quality standards and flexibility to meet demanding customer schedules
- Specialists in compression moulding, RTM, and hand laminating
- Extensive knowledge of advanced composites

Contact
John Lutton
E: john.lutton@creativecomposites.co.uk
T: +44 (0) 28 9267 3312
W: www.creativecomposites.co.uk

Address
Knockmore Hill Industrial Estate
1 Ferguson Road
Lisburn
BT28 2FW
Crossen Engineering Ltd
Core Activities
Mechanical / Industrial Engineering
Year Established
1978
Employee Number
<50
Annual sales
$1-$5m
Certifications
- ISO 14001
- ISO 9001:2015

Areas of expertise:
- Initial concept generation – with Mould Flow and DFM Analysis.
- Metal Formed and Injection Mould prototype tooling.
- Injection Mould tooling and Precision Press tooling.
- Manufacture of Precision Metal Components and Injection Mould Components.
- Mass-market production.

Located just outside of Belfast, Northern Ireland, Crossen Engineering has the facilities, staff, and skills to provide specialist consultation in metal formed and plastic moulded components, as well as providing expert guidance and service in design, manufacturing, and tooling all on-site.

Contact
Peter Crossen
E: peter@crossenengineering.co.uk
T: +44 (0) 28 9037 9803
W: www.crossenengineering.co.uk
Address
286 Ballygowan Road
Maryland Industrial Estate
Crossnacreevy
BELFAST
BT23 6BL

Cunningham Covers Ltd
Core Activities
Improving lives through the manufacture of clever protective covers
Year Established
1969
Employee Number
51-249
Annual sales
$5-$10m
Certifications
- ISO 9001: 2015
- Approvals
  - Queen’s Award for Enterprise 2017

Areas of expertise:
- Moisture vapour engine bags
- Aircraft stair bellows
- Coating covers
- Ground support equipment covers
- Engine maintenance protective covers
- Maintenance lean mats

Cunningham is a market leader in providing clever protective industrial textile covers for the aerospace industry. Protecting its customers high value assets with unique ground breaking covering solutions. A range of standard items and also bespoke projects is a speciality to Cunningham.

Contact
Peter Smith
E: peter@cunninghamcovers.co.uk
T: +44 (0) 28 7964 2638
W: www.cunningham.com
Address
Glenshane Industrial Park
Tobermore Road
MAGHERA
BT46 5DR

Located just outside of Belfast, Northern Ireland, Crossen Engineering has the facilities, staff, and skills to provide specialist consultation in metal formed and plastic moulded components, as well as providing expert guidance and service in design, manufacturing, and tooling all on-site.

Areas of expertise:
- Initial concept generation – with Mould Flow and DFM Analysis.
- Metal Formed and Injection Mould prototype tooling.
- Injection Mould tooling and Precision Press tooling.
- Manufacture of Precision Metal Components and Injection Mould Components.
- Mass-market production.

Contact
Peter Crossen
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W: www.crossenengineering.co.uk
Address
286 Ballygowan Road
Maryland Industrial Estate
Crossnacreevy
BELFAST
BT23 6BL

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Contact
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T: +44 (0) 28 7964 2638
W: www.cunningham.com
Address
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Tobermore Road
MAGHERA
BT46 5DR
Datum Tool Design Ltd

Datum Tool Design Ltd is an independent Design and Manufacture company providing quality production tooling to Aerospace and Automotive industry standards. Datum offers a complete turn-key solution from concept, to design, through to manufacture with project and program management embedded in the case of the solution to manage budget and schedule.

Areas of expertise:
- In-house tooling design and FEA analysis
- Aerospace component tooling design and manufacture
- Assembly and transportation fixtures
- Composite tooling
- OEM TAL support & ground support equipment

www.datum-design.com

Denroy Ltd

Denroy is a leading supplier of injection moulded components and associated assemblies to various industrial sectors. With on site design capabilities, mould tool manufacture and a range of 35 injection mould presses, the company offers a complete work package from project management to dispatch to point of use.

Areas of expertise:
- Product design assistance using CATIA V5 and Pro E software
- In-house tooling capabilities – manufacture of new tooling and repair of existing tooling
- Component manufacture – machine range up to 800t presses including 2 shot moulding
- Specialist in processing PEEK, Fortron, Ultem along with standard material grades
- Additionally, Denroy specialise in the moulding of ESD PEEK components

www.denroy.com
DHL is the global market leader in the logistics industry and it is an expert in international express, air and ocean freight, road and rail transportation. A global network composed of more than 220 countries and 315,000 employees worldwide, DHL offers customers superior service, quality and local knowledge to satisfy supply chain requirements.

Areas of expertise:
• Aerospace and defence sector logistics
• International ocean freight forwarding
• International air freight forwarding
• Project cargo

Contact
Gary Reilly
E: gary.reilly@dhl.com
T: +44 (0) 28 9445 3350
W: www.dhl.co.uk
Address
Unit 6
New Cargo Building
Belfast International Airport
BELFAST
BT29 4GB

www.derryprecisiontools.com

Derry Precision Tools is a privately owned precision engineering organisation with a long established history of partnering with Aerospace, Automotive, Oil & Gas, Power Generation and Pharmaceutical companies. A global supplier specialising in complex engineering processes, surface finishing and advanced cleaning solutions for the manufacture and sub-assembly of machined components.

Areas of expertise:
• 3, 4 and 5 axis precision machining employing world-leading equipment & associated technologies.
• Advanced Cleaning Solutions
• Sub-Assembly & Test
• Surface finishing including Anodising, Blasting, Alcochrom & Passivation
• Full supply chain management

Contact
Gerry Doherty
E: gerry@derryprecisiontools.com
T: +44 (0) 28 7128 8006
W: www.crossenengineering.co.uk
Address
18 Balliniska Road
Springtown Industrial Estate
Londonderry
BT48 0LY

www.dhl.co.uk
Donite Plastics specialises in the design and manufacture of plastic parts using the thermoforming process. Ireland’s leading industrial thermoforming company, Donite Plastics services the aerospace, agri-tech, public transport (namely the bus and coach sectors), construction and material handling, medical and film and television sectors.

Areas of expertise:
- Industrial thermoforming to manufacture large or small parts
- 5-axis CNC trimming
- Tooling and trim fixtures manufactured in-house
- Bespoke transport trays for optimisation of production lines
- Full range of value add assemblies

Donite Plastics Ltd
Core Activities
• Industrial thermoforming
• Toolmaking
• Value add assemblies
Year Established: 1981
Employee Number: <50
Annual Sales: <$1-$5m
Certifications:
- ISO 9001:2015
Contact:
Stephen Kissick
E: contact@donite.com
T: +44 (0) 28 9263 9995
W: www.donite.com
Address:
8 Station Road
Saintfield
BALLYNAHINCH
BT24 7DU

Dontaur Engineering Ltd
Core Activities
• Manufacture of Aerospace components and assemblies from ferrous & non-ferrous metal using CNC machines.
Year Established: 1976
Employee Number: 51-249
Annual Sales: £10m+
Certifications:
- EN9100:2018
- ISO9001:2015
- SC21 Silver Award (2013)
Approvals:
- Airbus, Spirit AeroSystems, Bombardier Aerospace, Hamble Aerostructures Ltd, Thompson Aero Seating
Contact:
Paul Hicklin
E: paul@dontaur.co.uk
T: +44 (0) 28 2565 9886
W: www.dontaur.co.uk
Address:
Unit C1
Wakehurst Industrial Estate
Wakehurst Road
BALLYMENA
BT42 3AZ

Dontaur Engineering is a premier supplier of detailed components, assemblies & kits in line with the requirements of the EN9100:2018 Aerospace Standard. Based on many years of expertise, working within the aerospace and other major industries, Dontaur has concentrated on innovative machining techniques which maintain consistent quality of the highest standards.

Areas of expertise:
- Edgecam Part Modeler & Edgecam Solid Machinist 2022 R1
- Catia V5-6 2019
- 3, 4 and 5 axis milling, multi axis turning, grinding, thread milling & assembly
- Full CMM inspection capabilities
Doran Precision Engineering Ltd specialises in the manufacture of precision components for the aerospace, medical devices, and motorsport industries. The company delivers to the high standards expected in today's global market and offers NPI, batch production work, rapid response, rework, assembly & kitting services using modern machining techniques and technologies.

Areas of expertise:
- 20 years manufacturing experience specialising in precision components for the aerospace/medical and motorsport industries
- 3, 4 & 5 axis CNC machining
- Portable Rainfall Gauge (CMH) & Hexagon Global Ltd MHS10 automated measurement with 2000mm x 1000mm table.
- Excellent rapid response lead times & reworking facilities
- Full in-house sub assembly & insert kitting facilities

www.doranengineering.com

The ECIT Institute’s mission is to couple major research breakthroughs in the field of secure connected intelligence with a unique model of innovation & commercialisation to drive economic and societal impact. It is home to the award winning Centre’s for Secure Information Technologies (CSIT), Wireless Innovation (CWI) and Data Science and Scalable Computing (DSSC).

Areas of expertise:
- Secure connected devices, post-quantum crypto architectures, privacy-preserving technologies
- Networked systems & ICS security, cyber resilience, cloud security, IT/OT security
- Security intelligence, AI for cyber and cyber for AI
- Wireless, Millimetre Wave Enabling Technology, 6G and beyond
- Data science, AI, Edge computing, computer vision, high performance computing
EAE specialises in providing bespoke or predefined automation system design and integration of machinery/manufacturing systems.

Spirit AeroSystems: Specialise in RTI Processes with continuous development of the automated solutions as per instructed within a close relationship with Spirit AeroSystems.

Airbus: A320 neo FAL line in Hamburg, Germany. EAE Ltd currently support mechanical and electrical/automation for the mobile tooling platforms.

BAE Systems: Development of the unique F35 Lighting 2 program. EAE has a yearly SLA (Service Level Agreement) to support the AUTOMATION control system & BAE Robot Cells.

Areas of expertise:
• Temperature uniformity – Test to meet Aerospace requirement specifications required by AMS 2750 issue E and Baerd Gen 007
• System accuracy / Data Acquisition – (IF) Factory Development to make machine control smarter and more versatile
• Automation design and build
• Integration of Unique Aerospace production line startups
• Systems support and aftersales assistance

Elite Electronic Systems is a leading provider of sub-contract electronic manufacturing services to a diverse customer portfolio of innovative and successful companies in the UK, Ireland and internationally. Employing over 160 people in 70,000 sq. ft. facility, Elite utilises state-of-the-art equipment to provide complete turnkey manufacturing, excellent quality and flexible scheduling.

Areas of expertise:
• PCB assembly for aerospace, medical, security, telecoms and consumer markets
• Cable assembly for power generation, off-highway vehicles and heavy plant
• Complete system integration
• World-class people, plant & processes
• Tailored customer solutions including configuration, order fulfilment and engineering support
The EURO-COMPOSITES® Group is a global player within the international aviation industry, delivering high quality and sophisticated honeycomb composite materials, ready-to-assemble parts and structures; formed and/or milled composite parts, panels, laminates and honeycomb core materials. Areas of expertise:

- Nomex, kevlar and glass fibre honeycomb producer
- Machined honeycomb parts for structural applications (heat formed)
- Delivery of sandwich panels with honeycomb core for interior applications
- Delivery of machined and assembled (with integrated reinforcement, edge and core filler and inserts) sandwich panels
- Parts and assemblies of monuments for lavatories, galleys, crew rest compartments etc.
- Autoclave capacity for 3D parts

www.euro-composites.com

Euro-Composites® S.A.

Core Activities
Production and processing of composite structures and assemblies.

Year Established
1985

Employee Number
250+

Annual sales
£10m+

Certifications
Airbus Group (Okt. 1985), Boeing 8-124 (Spring 1987), Boeing 15-422, Boeing 757, SAE AS 9100, ISO 9001, NADCAP, ISO 14001, EASA Part 91, EASA Part 145, EASA Part 21

Approvals
Approvals of OEM’s and First Tiers worldwide
Airbus Group: AIMS 11-01-001 /004/005/007 & 008
Boeing: BMS 8-124/BAC 5317/D1-4426

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T: 00352 729 463 430
W: www.euro-composites.com

Address
City East Belfast Centre
68-72 Newtownards Road
BELFAST
BT4 1GW

The Exact Group is a specialist engineering solutions provider with over 70,000 sq ft of precision engineering workspace. The company specialises in the end-to-end manufacture and finishing of complex CNC machined components and offers a full cradle to grave solution from DFM, to aid product development and reduce customer costs, through to manufacture, assembly and specialised finishings all under one roof.

The Exact Group has and continues to invest heavily in the latest technologies to ensure it offers the best possible service to customers. It is dedicated to rapid response manufacturing and finishing of precision CNC parts for aircraft interiors, and also provides full design and manufacture of innovative lean production lines for aerospace and medical OEMs. Areas of expertise:

- Rapid Response CNC machining
- Volume production manufacturing
- Composite part preparation & part finishing
- Specialised wet, dry, chemical and ceramic coatings
- Production line machining and CNC machining for aerospace industry
- Full supply chain management including special processes
- Sub-assembly of parts and components
- 2/3/4/5/7/9 axis machining/turning

www.exactgroupni.com

Contact
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M: +44 (0) 78 7487 0294
W: www.exactgroupni.com

Address
7-9 Craigmore Mill Industrial Estate
Craigmore Road
NEWRY
BT35 6JR
FSL Electronics designs & manufactures industrial remote controls & customised electronic solutions to improve safety, productivity and efficiency in the workplace.

Areas of expertise:
- Industrial wireless remote controls
- Electronic displays for productivity, site management and health & safety
- Design & manufacture of customised PCB’s
- Customised electronic solutions for OEM’s

Genesis is a disruptive aerospace technology company with one of the most highly skilled and capable development teams in Europe. It has specialists in all aspects of aircraft design, stress, aerodynamics, systems and flight control software. Genesis is currently working on a highly unique new Rotorcraft. CAP1220 approval has been secured for flight testing the prototype.

Areas of expertise:
- Rotary aircraft design, development, prototyping and testing
- Fixed wing aircraft design, development, prototyping and testing
- CFD analysis
- Design and stress services
- Turnkey prototype development

Contact
Mark Meenan
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T: +44 (0) 28 8676 6131
W: www.fslelectronics.com

Address
Sandholes Road
COOKSTOWN
BT80 9AR
Goudsmit UK is an established sub-contract manufacturer supplying quality engineered components into a range of industries. With an established network of logistic partners, backed up with years of experience, Goudsmit UK adds value to clients’ supply chain by project managing product requirements from early design stage through to delivery or warehousing.

Areas of expertise:
- Magnets & magnetic assemblies
- Polymer & pressed parts
- CNC machined parts
- Die castings & extruded parts
- Logistics and assembly & design services

G.E.E. Precision is a quality-focused precision engineering company specialising in the supply of complex precision components and sub-assemblies. It supports industry with a comprehensive range of engineering services encompassing mechanical design, reverse engineering, precision component CNC machining, assembly and rapid prototyping, assisting at all levels of the manufacturing process.

Areas of expertise:
- Production of high quality precision components and assemblies
- Multi-axis CNC milling and complex mill turn capacity
- Full multi-axis CAD/CAM programming capabilities
- Quality control systems and full traceability
- Problem solving, on time delivery and Kanban Analytics
IceMOS is a best-in-class provider of cost-effective, high performance SuperJunction MOSFETs and MEMS solutions that outperform competing solutions with a much simpler, lower cost process. The vision is to provide sensing products that enhance the safety of electronic systems and Super-junction MOSFETs that enable energy savings, contributing towards environmental progress.

**Areas of expertise:**
- High voltage superjunction MOSFET for secure data centre, Electric vehicle and Aerospace energy savings
- Radiation hardened MOSFET for space applications
- Silicon sensing elements for high performance inertial MEMS: accelerometer & gyroscope
- RF 5G for 5G mobile network communications applications

**Contact**
Hugh Griffin
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W: www.icemostech.com

**Address**
5 Hannahstown Hill
BELFAST BT17 0L T

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Iconic RF Ltd is a development centre for Microchip Technology Incorporated, leading provider of smart, connected and secure embedded control solutions serving more than 120,000 customers across the industrial, automotive, consumer, aerospace and defence, communications and computing markets.

**Areas of expertise:**
- High performance GaN and GaAs discrete transistors and MMICs for RF applications
- High reliability devices for Communications, Space, Aerospace and Defence applications
- Customer focused application specific MMIC development
- Package integration technology for MMIC devices
- Advanced RF and microwave characterisation

**Contact**
Andrew Patterson
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W: www.microchip.com

**Address**
Innovation Factory
385 Springfield Road
BELFAST BT12 7DG
IPC Mouldings is a SC21 Gold supply chain excellence partner, offering a range of skills and services from mould tool design and manufacture to the production of injection moulded parts and engineered assemblies for the most demanding of applications. IPC Mouldings helps its customers solve problems, reduce costs, and assure quality.

Areas of expertise:
- Mould tool design, optimisation and manufacture.
- Servicing, modification and TPM programme for customer mould tools.
- Injection moulding using advanced engineering polymers and processing techniques.
- Product optimisation, metal replacement and weight reduction.
- Value add assemblies, secondary ops (pad printing / plating / CNC machining).
- SMI with low lead times, Kanban managed inventory.

www.ipcmouldings.com

IPC Mouldings
Core Activities
Toolmaking and injection moulding
Year Established
1994
Employee Number
<50
Annual sales
$1-$5m
Certifications
ISO 9001
AS 9100
SC21 Gold
EFQM 5 Star
Approvals
Collins Aerospace

Contact
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T: +44 (0) 28 9336 6696
W: www.ipcmouldings.com

Address
Unit 19Y
Kilroot Business Park
CARRICKFERGUS
BT38 7PR

Kinsetsu Ltd
Core Activities
Intelligent IoT locating solutions
Year Established
2016
Employee Number
<50
Annual sales
<1m
Certifications
Cyber Essential Plus
ISO 9001
Approvals
Royal Navy
DASA – Defence and Security Accelerator
Dstl – Defence Science and Technology Laboratory

Contact
Mark Lyness
E: mark.lyness@kinsetsu.co.uk
T: +44 (0) 28 9521 9091
W: www.kinsetsu.co.uk

Address
Unit A4
Harbour Court
5 Heron Road
BELFAST
BT3 9HB

Kinsetsu provides intelligent locating solutions that give defence organisations and the wider industry unprecedented knowledge, control, safety, and efficiency of their assets. Its IoT location-detecting solutions are fully secure, and empower defence-based organisations with data, confidence and personnel safety that they simply haven't experienced before.

Areas of expertise:
- Intelligent locating solutions.
- Asset tracking – from vessels and shipyards to global destinations.
- Personal accounting and locating (PAL).
- Process optimisation – giving back time to you and your team.

www.kinsetsu.co.uk

Kinsetsu Ltd
Core Activities
Intelligent IoT locating solutions
Year Established
2016
Employee Number
<50
Annual sales
<1m
Certifications
Cyber Essential Plus
ISO 9001
Approvals
Royal Navy
DASA – Defence and Security Accelerator
Dstl – Defence Science and Technology Laboratory

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Address
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5 Heron Road
BELFAST
BT3 9HB

Kinsetsu provides intelligent locating solutions that give defence organisations and the wider industry unprecedented knowledge, control, safety, and efficiency of their assets. Its IoT location-detecting solutions are fully secure, and empower defence-based organisations with data, confidence and personnel safety that they simply haven't experienced before.

Areas of expertise:
- Intelligent locating solutions.
- Asset tracking – from vessels and shipyards to global destinations.
- Personal accounting and locating (PAL).
- Process optimisation – giving back time to you and your team.

www.kinsetsu.co.uk
KX is the creator of kdb+, independently benchmarked as the world’s fastest time series database and real-time analytics engine. Built for the most demanding data environments, KX technology is trusted by the world’s leading companies for their mission-critical data applications. Our industry-leading software processes and analyzes time series and relational data at unmatched speed and scale, enabling richer actionable insights to drive decisions. Part of FD Technologies plc, KX operates from more than 15 offices across Europe, North America, and Asia Pacific.

Areas of expertise:
- Real-Time Streaming Analytics Platform - Handles extreme mission critical volumes of data at scale
- Cloud Native Architecture - For ingestion, storage, and analytics on high-volume, high-velocity data
- Finance & Industry Applications - Critical infrastructure in world leading Surveillance, Automotive & Manufacturing companies.
- Data Visualisation - Query, transform, share and present live data insights in real time.
- Time-Series Database - Combines historical data with real-time in relevant context for actionable insights.

KYOCERA AVX is a leading global manufacturer of advanced electronic components and interconnects, sensors, control and antenna solutions engineered to accelerate technological innovation and build a better future.

Areas of expertise:
- Fully qualified with the ESA, NASA, DLA Land and Maritime authorities
- The Northern Ireland facility encompasses a state of art production facility utilizing nano material technology
- Supplying into the global aerospace market from the 1980s to current day
- Components can be supplied as per standard or as customised designed / tested

KYOCERA AVX Components Ltd

Contact
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M: +44 (0) 78 5060 4657
W: www.kyocera-avx.com

Address
Head Office
Hillmans Way
COLERAINE
BT52 2DA

www.kyocera-avx.com
LPE uses Additive manufacturing and 3D Printing to produce production parts, jigs and fixtures and prototypes for the Aerospace. It has in-house furnaces, CMM and extensive lab equipment to help qualify 3D printed parts for aerospace production and can provide CoCs and FAIs for all processes.

Areas of expertise:
- Short production runs of plastic and metal using additive manufacturing
- Tooling, jigs and fixtures made using additive manufacturing
- Complex machined parts and tooling that require 5-axis CNC technology
- Extensive experience of helping companies qualifying their 3D Printed parts for production

www.laserproto.com

Laser Prototypes (Europe) Ltd
Core Activities
- Additive manufacturing and 3D Printing in metal and plastics
- Stereolithography, selective laser sintering, Direct metal laser sintering, Vacuum casting, 5-axis CNC, EDM
Year Established
2006
Employee Number
100
Annual sales
$1-$5m
Certifications
- ISO9001:2015
- ISO13845:2016
Contact
Campbell Evans
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T: +44 (0) 28 9070 6940
W: www.laserproto.com
Address
4 Prince Regent Road
BELFAST
BT5 6QR

Magellan Aerospace develops and produces complex and integrated products and services that bring value to customers, serving the civil aerospace and defence markets across the globe. Magellan primarily supplies machined components for airframes, engine nacelles, landing gear and flight controls to the UK and global aerospace industry from its Northern Ireland facility.

Areas of expertise:
- 5-axis precision milling in soft metal – specialising in 0.5 to 4m components
- Engineering / CNC programming
- Supply chain management
- Continuous improvement and Lean Manufacturing
- Access to Magellan global expertise, resources and capabilities

Magellan Aerospace (Greyabbey) Ltd
Core Activities
- Precision engineering
Year Established
1964
Employee Number
250+
Annual sales
$10m +
Certifications
- ITAR, AS9100 – GB99/50891
- ISO14001 – GB07/71965
Approvals
- Airbus, Boeing, BAE Systems, GKN Aerospace, Spirit AeroSystems
Contact
Vincent Martin
E: vincent.martin@magellan.aero
T: +44 (0) 28 4275 8231
W: www.magellan.aero
Address
11 Tullykevin Road
GREY ABBEY
BT2 2QE

5352
Marlborough Engineering is a leading company in the supply of Aerospace solutions, precision engineering and fabrications for the global engineering market and manufacturing industries. Marlborough provides innovation, value, quality and skills solutions to its clients. The company routinely machines aluminium, stainless steel, copper, brass, invar and mild steel.

Areas of expertise:
- CNC Machining and Inspection – 3, 4 and 5 axis machining
- Product innovation – Taking a product from cradle to grave
- Design – Ability to design in-house and manufacture
- Turning – High precision turning and finishes
- Fabrication – High volume precision fabrication

McGreevy Engineering has over 40 years’ engineering and manufacturing experience, specialising in precision machined components.

Utilising advanced manufacturing technologies, the company delivers service excellence and cost benefits through its breadth of processes. With the capability to support rapid response, prototypes and low-rate production, McGreevy Engineering exemplifies integrated engineering solutions.

Areas of expertise:
- CNC milling up to 5-Axis
- CNC turning and end mill
- 2M CNC coordinate measurement capability
- In-house programming team
- Sub-assembly tooling and supplier management
McKenzies is Northern Ireland’s leading metal recovery and recycling specialist providing services to the aerospace, manufacturing and precision engineering sectors generating above market revenues for customers from waste metal products.

McKenzies operates Northern Ireland’s only large scale aluminium foundry producing high spec ingots for use in automotive and aerospace sectors.

Areas of expertise:
- Devising bespoke waste metal management strategies to maximise revenue from waste products
- On site operation of all waste metal recovery services including provision of labour and equipment
- Processing and recycling of all waste metals recovered
- Operation of aluminium smelting foundry producing high spec ingots for aerospace and automotive sectors

www.mckenziesni.com

McKenzies (NI) Ltd
Core Activities
Metal recovery, Recycling & Export
Producer of aluminium ingots
Year Established
1965
Employee Number
51-249
Annual sales
$10m +
Certifications
ISO 9001
ISO 14001
ISO 45001
Contact
Tony McAuley
E: tony.mcauley@mckenziesni.com
T: +44 (0) 7803 626 281
W: www.mckenziesni.com
Address
76-86 Duncrue Street
BELFAST BT3 9AR

Areas of expertise:
- Devising bespoke waste metal management strategies to maximise revenue from waste products
- On site operation of all waste metal recovery services including provision of labour and equipment
- Processing and recycling of all waste metals recovered
- Operation of aluminium smelting foundry producing high spec ingots for aerospace and automotive sectors

www.mflogistics.com

MF Logistics is proud to have established a solid and flourishing reputation within the Irish distribution market. With over 30 years of experience, it offers competitively priced, time sensitive distribution packages and associated services to a comprehensive database of customers covering all areas of industry.

Areas of expertise:
- UK to Ireland road freight
- Europe to UK/Ireland transportation
- Airfreight solutions
- 4PL management

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T: +44 (0) 1925 761 560
W: www.mflogistics.com
Address
Mallusk Way
MALLUSK BT36 4AA
Mo Team Ltd
Core Activities
Turnkey machine builder – automation
Year Established
1997
Employee Number
<50
Annual sales
$1-$5m
Certifications
Machinery Safety CE
Contact
Rob Moran
E : rob@moteam.co.uk
T : +44  (0)  7764 448 808
W : www.moteam.com
Address
11E Chapel Road
CRUMLIN
BT29 4LY

Mo Team has international engineering expertise in various industries including equipment test and certification, electronics manufacturing, IT and telecoms, brewing and drinks packaging and dairy. Mo Team specialises in plant equipment automation, utilities, energy efficiency, carbon footprint reduction, manufacturing IT, strategic capital investment, performance optimisation, cost saving and value engineering.

Primary development interests include machinery safety, turnkey automation, renewables technologies and technical composites.

Areas of expertise:
- Turnkey automation
- Machine building
- Machinery/safety & CE
- PLC, servo drives instrumentation RFID
- Process control engineering

Morson Projects is a reputable multi-disciplinary engineering consultancy with over 40 years’ experience across the UK and overseas. Its highly qualified engineering teams deliver capability and experience across numerous engineering disciplines, enabling the provision of complete end-to-end project management, design and delivery services to their valued long-term client partnerships.

Areas of expertise:
- Engineering & Design – Covering a wide range of sectors and disciplines such as Aerospace, Mechanical, Electrical, Structural & Stress
- Software Development & Integration – full lifecycle development of safety-critical, real-time embedded control software
- Asset Management – Solutions from traditional technical documentation to tailored applications using machine learning and artificial intelligence
- Tooling Design & Manufacture – including major assembly jigs, test rigs, aerospace components, special purpose machines and composite aircraft tooling
- Project & Programme Management – From design to implementation, interfacing with clients and stakeholders throughout

Contact
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W : www.morson-projects.co.uk
Address
10B Weavers Court Business Park
Linfield Road
BELFAST
BT12 5GH

Morson Projects Ltd
Core Activities
Multi-disciplinary engineering consultancy covering turnkey services, Aerospace & Defence; Nuclear, Power & Renewable Energy; Industrial Projects and Infrastructure & Transportation.
Year Established
1979
Employee Number
250+
Annual sales
$10m +
Certifications
ISO 27001:2013, ISO AS9100 REV-D,
CIRCUIT ESSENTIALS PLUS
Approvals
UK CAA PART-21 J Approved
SAFECONTRACTOR Accredited
ACHILLES Verifed
CHAS Accredited
NERS Accredited
Contact
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W : www.morson-projects.co.uk
Address
10B Weavers Court Business Park
Linfield Road
BELFAST
BT12 5GH
Moyfab Tool specialises in laser cutting and folding of sheet-metal and CNC machining for the aerospace sector. Components are manufactured in-house using the very latest fibre laser cutting and multi-axis sheet-metal bending technology.

Areas of expertise:
- Laser cutting of aerospace materials, including aluminium, stainless and titanium
- Precision folding of highly complex sheet-metal, using the latest in multi-axis press brakes
- CNC multi-axis press brakes, programmed off-line, with HES scheduling
- CNC machining and retubing
- Fully equipped in-house toolroom for jigs and fixtures

www.moyfabtool.com

Areas of expertise:
- 5-axis detailed aerospace parts up to 3.8m x 2.5m (150” x 100”)
- Range of assembly capabilities including supply of kitting and sub-assemblies
- Large range of 5-axis machines, and mill-turning centres utilising world-leading technologies such as Staurag Ecospeed, Grids and HSK Integrex solutions
- Expertise in machining a range of materials including aluminium, plastics, steel, titanium and other hard metals
- In-house treatments capability
- Large team of experienced CAD/CAM engineers and highly proficient Quality Department utilising multiple CMMs, producing products to APQP standards

Contact
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215 Moyadd Road
Kilkeel
NEWRY
BT34 4HL

Moyola Precision Engineering Ltd
World class machining, assembly and treatments solutions for Civil Aerospace, Defence and Space Industries.

Areas of expertise:
- Range of assembly capabilities including supply of kitting and sub-assemblies
- Large range of 5-axis machines, and mill-turning centres utilising world-leading technologies such as Staurag Ecospeed, Grids and HSK Integrex solutions
- Expertise in machining a range of materials including aluminium, plastics, steel, titanium and other hard metals
- In-house treatments capability
- Large team of experienced CAD/CAM engineers and highly proficient Quality Department utilising multiple CMMs, producing products to APQP standards

Contact
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4-8 Curran Road
CASTLEDOWN
BT45 8AF

Moyola leads the market in the provision of machined and assembled precision components through its commitment to:
- Excellence in customer service levels, particularly delivery and quality
- Cost reduction ethos through engineering excellence
- Innovative material usage including material nesting to drive down input costs
- Close customer cooperation including technical support
- Collaborative solutions
- Technological investments to support new opportunities
NSC is a specialist in propulsion system integration. With experience covering design, stress analysis, aerothermal/anti-icing analysis, integration management, and qualification/certification capabilities, NSC has a particular focus on EBU. NSC has been retained by Tier One engine manufacturers and OEMs in the development cycle of components and systems through to complete EBU packages. Additionally, NSC has experience in TR, TRAS and Landing Gear engineering.

Areas of expertise:

• Systems design & stress analysis – EBU and related propulsion systems - hydraulics, fuel, ECS
• Anti-icing, aerothermal and fire zone analysis
• Diverse range of systems including EBU systems, thrust reversers & TRAS, landing gear
• FAR 25 & FAR 33 qualification & certification – analysis and management
• Fluid system component R&D, validation and testing capabilities

N.1. Precision Ltd specialises in the manufacture of precision components for the aerospace and defence sector with capability for a wide range of component sizes, from small CNC turn and turn mill volume components on our 24/7 automated bar fed cells to larger complex 5 axis machined components across Hermle, Haas and Doosan machine tools.

Areas of expertise:

• 3, 4 & 5 axis CNC Machining
• CNC Turning
• CNC Turn Mill
• CMM Inspection
• Re-Working Service

THE NACELLE GROUP

www.nacellesystems.com

Nacelle Systems Consultancy Ltd

Core Activity

Propulsion systems integration
Project and non-recurring
Project & niche engineering
Qualification & certification support

Year Established

2005

Employee Number

<50

Annual sales

$1-$5m

Certifications

ISO9001

Appendix

General Electric, BAE Systèmes, Bombardier Aerospace, Meggitt, BAE Systems, UEC / Aviadvigatel

Contact

Tom Mallon
E: TomMallon@TheNacelleGroup.com
T: +44 (0) 28 9073 6390
W: www.nacellesystems.com

Address

Unit 1
Bridge Technology Park
Carnagat Lane
Newry
BT35 8XF

N.1. Precision Ltd

Core Activity

Precision component manufacture

Year Established

2018

Employee Number

<50

Annual sales

$1-$5m

Certifications

AS9100D

ISO 9001

ISO 13485

Contact

Stefan Cherry
E: stefan@niprecision.com
T: +44 (0) 79 7753 4475
W: www.niprecision.com

Address

Lissue Industrial Estate
Moira Road
Lisburn
BT28 2RE

N.I. Precision Ltd specialises in the manufacture of precision components for the aerospace and defence sector with capability for a wide range of component sizes, from small CNC turn and turn mill volume components on our 24/7 automated bar fed cells to larger complex 5 axis machined components across Hermle, Haas and Doosan machine tools.

Areas of expertise:

• 3, 4 & 5 Axis CNC Machining
• CNC Turning
• CNC Turn Mill
• CMM Inspection
• Re-Working Service
The Northern Ireland Technology Centre (NITC) at Queen’s University Belfast is an industry facing research and technology unit aligned to the School of Mechanical and Aerospace Engineering. NITC plays a key role in supporting NI’s aerospace supply chain with industrial collaborative R&D and knowledge transfer activities in advanced manufacturing technologies.

Areas of expertise:
- Design: Product design & innovation; High value design, Additive manufacturing
- Digital Twin: Digital manufacturing, digitisation, 5G, cyber security & cost modelling
- Advanced Manufacturing: machining, CNC, PKM’s, advanced metrology, laser welding, friction stir welding
- Automation: Industrial & collaborative robotics, control
- Aircraft automated assembly: PKM’s, industrial & collaborative robotics, safe automation/manual collaboration, metrology assisted automation

Contact
Colm Higgins
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T: +44 (0) 29 9097 4330
M: +44 (0) 78 0141 6901
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Address
Cloreen Park
Malone Road
BELFAST
BT9 5HN

www.qub.ac.uk

The Northern Ireland Advanced Composites & Engineering Centre is an industry facing innovation hub, focused on supporting the advancement of composite technologies through collaborative research. Bridging the gap between academic discovery and industrial exploitation, NIACE facilitates a collaborative environment for capability development and transfer of innovative technologies within the composites industry. NIACE is delivered in partnership with Ulster University, Queens University Belfast, and the National Composites Centre.

Areas of expertise:
- Advanced preforming and resin infusion technologies
- Advanced thermoplastics
- Sustainable composites, advanced materials & smart functional
- Additive manufacturing and rapid prototyping
- Material characterisation & Digital Engineering for composites

Contact
Peter Cadd
E: p.cadd@niace.org
T: +44 (0) 28 9621 3725
W: www.niace.org

Address
5 Airport Road
BELFAST
BT39DZ

Northern Ireland Advanced Composites and Engineering Centre (NIACE)

NIACE Core Activities
Collaborative, industrially focused research and development
Access to composite design and manufacturing capabilities
Skills and workforce development
Networking

Year Established: 2012
Employee Number: >50
Annual turnover: $1-$5m

www.niace.org
Nitronica Ltd
Core Activities
Electronic manufacturing and assembly services
Year Established
2002
Employee Number
51-249
Annual sales
$10m +
Certifications
ISO 9001
ISO 14001
SC21 bronze
Contact
Alan Peters
E: alan.peters@nitronica.com
T: +44 (0) 7850 741 326
W: www.nitronica.com
Address
4 Antrim Road
BALLYNAHINCH
BT24 8AN

Nitronica provides a full range of electronic manufacturing and associated value added services. Nitronica’s customers range from local start ups and SMEs to global corporations in locations across UK, Ireland, Europe and the US operating in about 10 different industry sectors.

Areas of expertise:
• PCB assembly
• Cable assembly
• Electro-mechanical box build
• Panel build
• Full product build

PAC Group supports and future-proofs a range of sectors and industries with electrical and mechanical engineering applications and solutions. Experienced in delivering highly specialist automated machines and systems to the aerospace sector, including carbon composite preformers, spray booths and ovens, and resin transfer infusion systems.

Areas of expertise:
• Carbon composite preformers
• Resin transfer infusion systems
• Robotic and process automation
• Automated machines bespoke design & build
• bespoke spray booths & ovens
PING Group is a local aircraft and cargo handling company based at Belfast International Airport. It has an energetic and ambitious local management team focused on moving to efficient and sustainable service solutions. PING Group warehouse operates as an Internal Transit Shed Facility (ITSF) and is Civil Aviation Authority (CAA) approved and so can offer the most secure and high level of services.

Areas of expertise:
- Aircraft and cargo handling
- Custom operations – inventory systems linked to HMRC
- Logistics – process place for all types of cargo, storage and transport
- Courier – own courier software with API integration
- Industry related and approved training courses (H&S, security and dangerous goods)

PING Group Ltd
Core Activities
- Aircraft and cargo handling
- Internal transit shed facility (ITSF)
- Customs operations – inventory systems linked to HMRC
- Logistics – process place for all types of cargo, storage and transport
- Courier – own courier software with API integration
- Industry related and approved training courses (H&S, security and dangerous goods)

Year Established
2016
Employee Number
<50
Annual Sales
$1-$5m
Certifications
ISO 9001 (pending)
Approvals
CAA, HMRC, IATA
Contact
Jonny McKinney
E: jonny.mckinney@pinggroup.co.uk
T: +44 (0) 28 9445 4044
W: www.pinggroup.co.uk
Address
Transit Shed 4
Cargo Terminal
Belfast International Airport
A2/3/5/4B

Pinnacle Growth Group
Core Activities
- Business Growth Advisory Services

Year Established
2018
Employee Number
<50
Annual Sales
$1-$5m
Contact
Dr Scott King
E: scott.king@pinnaclegrowth.group
T: +44 (0) 77 4911 8523
W: www.pinnaclegrowth.group
Address
42 Bachelors Walk
Lisburn
BT28 1XN
Platinum Precision Engineering specialises in sub-contract machining of complex 5-axis components, using the latest programming software from Open Mind and Mastercam, supporting rapid response requirements. Components machine in aluminium through to titanium. All FAI inspection via CMM. Three pallet loading machines for large batch production.

Areas of expertise:
- 5-axis machining of complex components
- Experts on machining difficult materials
- Market leading CAM software: Open Mind and Mastercam
- Rapid response service
- On-site CMM for FAI

www.platinum-ni.com

Plaswire is the specialist polymer recycling company supporting aerospace. It enables transparent solutions to waste polymers, redirecting wastes from landfill and incineration.

Plaswire is substituting materials manufactured from concrete and virgin plastics with its smart 100% waste polymer.

Manufacturers can enhance CSR/ESG credentials, genuine carbon offsets within their supply chains.

Areas of expertise:
- Innovative solutions to complex waste polymers
- Creating sustainable solutions to difficult waste polymers
- Carbon offset solutions
- Extrusion of PVC and olefin based polymers
- In-house innovation

www.plaswire.com
The provision of Auditing, Training and Consultancy in Quality Management and LEAN Systems, to drive and continually improve process and business performance.

Areas of expertise:

- ISO 13485:2016
- ISO 14001:2015
- AS9100:2016
- AS9110:2016
- AS9120:2016
- AQAP2310:2016
- AQAP2410:2016
- AS9102/03
- AS9104
- ISO/IEC 17025
- Cyber-Essentials
- ITAR
- LEAN
- EFQM Certified for Consultancy, Training and Recognition services on the island of Ireland
- Design and implementation of AS9100, ISO 9001 and bespoke Integrated Quality Management Systems

Contact
Adrian Gundy
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T: +44 (0) 3333 201 650
W: www.qualityblue.uk

Address
Quality Blue House
NEWTOWNARDS
BT23 6XA

The School of Mechanical and Aerospace Engineering at Queen’s University is rated as one of the top ten mechanical engineering schools in the UK and is in the top 1% globally. It has a strong background in advanced composite structures, including thermoplastic composites, aerodynamics, intelligent automation, digital manufacturing and advanced design methods.

Areas of expertise:

- Modelling of aircraft and aero-engine structures
- Modelling of factories and manufacturing processes, including laser beam and friction stir welding
- Composite materials and structures, plus polymer process modelling
- Advanced simulation technologies and expertise in virtual reality
- Micro-energies

Contact
Professor Juliana Early
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W: www.qub.ac.uk

Address
University Road
BELFAST
BT7 1NN

Queen’s University Belfast School of Mechanical and Aerospace Engineering

Certifications
- All degree programmes are accredited by the Institution of Mechanical Engineers and the Royal Aeronautical Society.
- The School of Mechanical and Aerospace Engineering at Queen’s University is rated as one of the top ten mechanical engineering schools in the UK and is in the top 1% globally. It has a strong background in advanced composite structures, including thermoplastic composites, aerodynamics, intelligent automation, digital manufacturing and advanced design methods.
Rainey Mapal, a wholly owned subsidiary of Mapal Ltd, supports the Aerospace, Automotive and Defence industries across NI & Ireland. In-house design & manufacturing facility enabling fast response on new, modified & refurbished tools. Strong expertise in composite machining techniques and are global market leaders in Reaming, Electrification and PCD Tooling.

Areas of expertise:
- Machining of composite materials, titanium & strategic parts
- In-house design, manufacture & refurb of round shank tools 3-32mm Carbide. Reduce costs and environmental impact
- PCD special tooling manufactured and refurbished in NI facility
- Cost Per Unit - Tool management expertise including cCom Industry 4.0 software
- Technical distributor including tool management through vending solutions

Resonate Testing provides testing solutions including shock, vibration and bespoke, for a wide range of mechanical and environmental test services. Customers are increasingly relying on the company’s service as that of a test facilitator, and not simply a test facility. With a focus on innovative SMEs and new space customers, Resonate Testing can deliver the flexible expertise and support needed during hardware development and certification stages.

Areas of expertise:
- High vibration and SRS / Pyro shock application for space launch vehicles
- Recharge Lithium-Ion battery testing
- Bespoke test setup employing engineering and design support to achieving fabrication and instrumentation to ensure compliance with customer requirements
- Qualification strategies and customer support in planning, definition, and execution of tests
- Sophisticated combined environmental test services incorporating altitude, thermal shock, temperature variation, corrosion salt spray and humidity
- Multi industry engineering test capability across space, aerospace, automotive, transport, electronics, and medical
- Test and certification support to FAA Fire Test Standards across a large range test types
RLC Engineering Group provides long term Manufacturing Solutions within the Aerospace industry.

With sales of over £100M p/a and circa 1000 employees - RLC deliver - using innovative and competitive approaches to the most challenging product families. Multi-skilled teams of Engineers create Manufacturing and supply chain solutions, utilising dedicated Customer and product focused business units. RLC operates from facilities in the United Kingdom and Singapore.

Areas of expertise:
- Mechanical manufacture
- Processing
- Supply chain management
- Logistics & kitting
- New product introduction

www.rlc-group.com

RTA is a supply chain harmonisation partner that provides supply chain and part number consolidation services with an emphasis on delivery, quality, traceability and efficiency into the aerospace sector. Plug & Play value streams allow customers to scale support to balance with capacity and production needs, maximising bottom line benefits.

Areas of expertise:
- Sourcing, procurement, warehousing and distribution of aerospace and commercial COTS hardware and components
- Sub-contract machining and sheet metal forming provides increased capacity and ultra-fast turnaround of finished components
- Sub-assembly services consolidate suppliers and part numbers to realise procurement and inventory management cost reductions
- Warehouse and stock management, including Kanban and kanbanned stock replenishment

www.rtainl.com
RW Coatings is a family run leading provider of aerospace, automotive, defence and architectural powder coating and anodising. It works to rapid response on a daily basis and takes pride in the quality of its products and services.

**Areas of expertise:**
- Anodising - clear/ black/ bright
- Bead blasting, buffing and tumbling
- Passivation
- Powder coating - textured/smooth/anti-bacterial/ bespoke colour matching
- Environmentally friendly paint removal

RW Powder Coatings Ltd

**Core Activities**
- Powder coating
- Anodising

**Year Established**
- 2010

**Employee Number**
- <50

**Annual sales**
- $1-$5m

**Certifications**
- AS 9100:2016
- 9001:2015

**Approvals**
- Thompson Aero Seating, Collins Aerospace

**Contact**
- Caroline Webb
- E: caroline@rwcni.com
- T: +44 (0) 28 9044 9310
- W: www.rwpowdercoatings.com

**Address**
- 46 Hillsborough Road
- Comber
- NEWTOWNARDS
- BT23 5PW

www.rwpowdercoatings.com

SAM Aerospace is at the forefront of technology in machining and is dedicated to the continuous improvement of its manufacturing and service delivery processes. It offers:
- Machining of titanium, aluminium and steel
- Multi-axis machining with part sizes ranging up to 4mm
- Sub assembly of parts and components

**Areas of expertise:**
- World class machining capabilities
- Manufacturer of complex parts such as nacelle hinge and latch beams
- Full supply chain management process including special processes
- Continuous improvement
- New product introduction

SAM Aerospace (NI) JU Kane Engineering Ltd

**Core Activities**
- CNC Machining 3, 4, 5, & 7 Axis Complex Milling
- Sub-Assembly

**Year Established**
- 1984

**Employee Number**
- 51-249

**Annual sales**
- $10m +

**Certifications**
- AS9100
- SC21 Silver Award (7 years)
- ISO 14001
- ISO 45001
- EFQM Five Star Award

**Approvals**
- Spirit AeroSystems, Bombardier Aerospace, Safran

**Contact**
- Ian Murray
- E: ian.murray@jwkane.co.uk
- T: +44 (0) 74 3617 5196
- W: www.sam.sg
  www.jwkane.co.uk

**Address**
- 1 Charlestown Crescent
- Charlestown Road Industrial Estate
- PORTADOWN
- BT63 5ZE

www.sam.sg
www.jukane.co.uk

JU Kane is at the forefront of technology in machining and is dedicated to the continuous improvement of its manufacturing and service delivery processes. It offers:
- Machining of titanium, aluminium and steel
- Multi-axis machining with part sizes ranging up to 4mm
- Sub assembly of parts and components

**Areas of expertise:**
- World class machining capabilities
- Manufacturer of complex parts such as nacelle hinge and latch beams
- Full supply chain management process including special processes
- Continuous improvement
- New product introduction

SAM Aerospace (NI)

**Core Activities**
- CNC Machining 3, 4, 5, & 7 Axis Complex Milling
- Sub-Assembly

**Year Established**
- 1984

**Employee Number**
- 51-249

**Annual sales**
- $10m +

**Certifications**
- AS9100
- SC21 Silver Award (7 years)
- ISO 14001
- ISO 45001
- EFQM Five Star Award

**Approvals**
- Spirit AeroSystems, Bombardier Aerospace, Safran

**Contact**
- Ian Murray
- E: ian.murray@jwkane.co.uk
- T: +44 (0) 74 3617 5196
- W: www.sam.sg
  www.jwkane.co.uk

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- Charlestown Road Industrial Estate
- PORTADOWN
- BT63 5ZE

www.sam.sg
www.jukane.co.uk

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- Machining of titanium, aluminium and steel
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- Sub assembly of parts and components

**Areas of expertise:**
- World class machining capabilities
- Manufacturer of complex parts such as nacelle hinge and latch beams
- Full supply chain management process including special processes
- Continuous improvement
- New product introduction

Skytek is a leading provider of cost-effective solutions using the latest mobile and internet technologies. Skytek’s core competence is in the development of innovative and novel solutions for business, with a particular focus on the space industry. Skytek has been involved in the complete design cycle for complex software application from analysis to design, development, through to final installation. Key customers include the European Space Agency, NASA, Airbus Defence and Space, AON and the Irish Naval Service.

Areas of expertise:
- Earth observation cloud based data processing web-based applications
- Web based earth observation data access and visualisation
- Commercialisation of research
- Procedural and information sharing/exchange between multiple parties
- Intelligent procedural and decision support applications

Smiths Precision specialises in producing highly complex parts for the aerospace industry. Utilising 5-Axis state-of-art Heermle machining platforms, Smiths is one of the fastest growing companies in the aerospace supply chain. Multi-axis CNC machining is supported by an infrastructure of exceptional programming, programme verification and comprehensive quality department.

Areas of expertise:
- Latest Heermle multi-axis machining centre ensuring continuous quality of the highest standard
- From bespoke prototypes to large volume production, it delivers cost effective solutions overcoming complex technical challenges
- Single or multiple component machining capability, Integrated automation
- Highly accomplished engineers producing components for industries including aerospace, Rail, Medical, Automotive and many more
- Manufacturer of sub-assemblies to customer specifications straight to the point of use

Skytek Technology Ltd

Contact:
Rita Malosti
E: rita.malosti@skytek.com
T: +44 (0) 7554 181 136
W: www.skytek.com

Areas of expertise:

- Earth observation cloud based data processing web-based applications
- Web based earth observation data access and visualisation
- Commercialisation of research
- Procedural and information sharing/exchange between multiple parties
- Intelligent procedural and decision support applications

Certification:
- ECSS-Q-ST-80 (Which defines the principles and requirements applicable to space software product assurance. The formulation of this Standard is based on the existing ISO 9000 family of documents, and ISO/IEC 12207 standard)
- Earth observation cloud based data processing web-based applications
- Web based earth observation data access and visualisation
- Commercialisation of research
- Procedural and information sharing/exchange between multiple parties
- Intelligent procedural and decision support applications

Approvals:
- NASA award for outstanding innovation and technical development.

Www.skytek.com

Smiths Precision

Contact:
Ian Kinstrie
E: ian@smiths-engineering.com
T: +44 (0) 28 2564 1621
W: www.smiths-engineering.com

Areas of expertise:

- Latest Heermle multi-axis machining centre ensuring continuous quality of the highest standard
- From bespoke prototypes to large volume production, it delivers cost effective solutions overcoming complex technical challenges
- Single or multiple component machining capability, Integrated automation
- Highly accomplished engineers producing components for industries including aerospace, Rail, Medical, Automotive and many more
- Manufacturer of sub-assemblies to customer specifications straight to the point of use

Www.smiths-engineering.com
Speedlink International Logistics are full service logistics providers with offices in Belfast and Dublin offering air, sea and road freight services to and from anywhere in the world. Utilising our membership of the UCA group, Speedlink are part of a network of over 10,000 shipping agents in 200 countries.

Areas of expertise:
• Aerospace & Defence – Speedlink tailor their services to specific industries including arranging full aircraft charters.
• Cargo screening – Speedlink offer EDDs cargo screening, which is extremely effective for Aerospace & Defence shipments.
• Hazardous cargo – Speedlink are fully compliant to offer hazardous good services by air, sea and road including packing service and documentation.
• Customs Clearance – Speedlink are CDS compliant and provide all manner of customs clearance and documentation.
• Warehousing – Speedlink provide ambient & temperature-controlled warehousing.

Spirit AeroSystems is a centre of excellence for the design, development, manufacture and assembly of major composite and metallic aircraft structural components, including wings, fuselages, engine nacelles and flight components. The site also provides aftermarket component repair and overhaul, as well as engineering services.

Areas of expertise:
• Design, manufacture and assembly of major primary aircraft structures.
• Research and Development.
• Advanced composites technology.
• Maintenance, repair and overhaul.
• Emerging civil defense player.
Springco manufactures low to medium volume batches of springs, wire shapes and tubeforms. Specialising in exotic materials, core work includes:

- Developing solutions for high temperature, and cryogenic applications
- Compression, tension, torsion, flat, coil, clock, wireforms, tube forms and pressings
- Round wire from 0.3mm – 19.05mm diameter
- Flat strip from 0.05mm – 3mm thick and up to 152.5mm wide
- Sub assembly

Areas of expertise:
- Spring design – Its team of experts can help with any spring design required
- Spring manufacture – Major investment in new equipment
- Positive material identification – Ensure your material is in accordance with your material certificate from customer

Survitec is a global leader in survival and safety solutions to the marine, defence, aviation and offshore markets. Survitec has over 3,000 employees worldwide covering eight manufacturing facilities, 15 offshore support centres and over 70 owned service stations. It is further supported by a network of over 500 3rd party service stations and distributors. Survitec remains at the forefront of innovation, design and application engineering and is the trusted name when it comes to critical safety and survival solutions.

Areas of expertise:
- Full safety survival solution for virtually any fixed or rotary aircraft
- Full survival equipment, engineering and design capabilities
- Complete product manufacture and assembly with testing and qualification
- Customers include MoD, US Airforce, Royal Navy, US Navy, aircraft manufacturers, global defence and commercial end users
- Global footprint with world’s largest after sales service network
Technical Metals Limited offers customers a wide range of engineering solutions in surface preparation and finishing. The company exports globally and is dedicated to exceeding customer expectations.

Areas of expertise:
• Wide range of cosmetic finishes
• Cost-effective service
• Rapid response service
• Highly skilled and versatile staff
• Project work and prototypes a specialty

Technical Metals Ltd
Core Activities
Anodising, beadblasting, passivation & engineering solutions to customer requirements.
Year Established
1984
Employee Number
<50
Annual Sales
$1-$5m
Certifications
AS9100
ISO 9001
SC21 Gold
EFQM 5 Star

Contact
Darren Sales
E: darren.sales@techmetals.co.uk
T: +44 (0) 28 9181 1212
W: www.techmetals.co.uk
Address
Unit 3
Kiltonga Industrial Estate
NEWTOWNARDS
BT23 4TJ

Areas of expertise:
• Part of the Thales Group – a global company with 81,000 employees and generated sales of €17bn
• Centre of excellence for weapon systems, design, development and manufacturing
• Delivered the first all-electric propulsion module designed and built in the UK
• UK leader of lightweight missile systems
• Northern Ireland leader in R&D and engineering innovation

Thales in Belfast is the centre of excellence for missile systems design, development and manufacturing within the Thales group. From its Belfast site, Thales is the world’s leading provider of very short range weapon systems for over 60 years. Belfast is also home to Thales’s global Space Electric Propulsion Integration Centre, delivered in 2016 with a £6 million investment. The centre was located in Belfast due to the high precision engineering skills already present on site, which were developed through its defence business alongside Invest Northern Ireland investment.

Areas of expertise:
• Centre of excellence for weapon systems design, development and manufacturing

Contact
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Address
Alanbrooke Road
BELFAST
BT6 9HB

Thales UK Ltd
Core Activities
Engineering
Year Established
2000
Employee Number
250+
Annual Sales
$10m +
Certifications
ISO 9001/14001/18001
AS 9100
CMMI Level 11
IIP Gold Award
DAOS
IAMM Level 3

Contact
Adrian Barden - Media
E: david.gilleece@uk.thalesgroup.com
T: +44 (0) 28 9046 5106
W: www.thalesgroup.com/UK

Address
Alanbrooke Road
BELFAST
BT6 9HB

Areas of expertise:
• Part of the Thales Group – a global company with 81,000 employees and generated sales of €17bn
• Centre of excellence for weapon systems, design, development and manufacturing
• Delivered the first all-electric propulsion module designed and built in the UK
• UK leader of lightweight missile systems
• Northern Ireland leader in R&D and engineering innovation
Thompson Aero Seating is recognised for cutting edge design, engineering and manufacture of premium class, full-flatbed airline seating. Its bespoke solutions maximises passengers’ personal space and, through intelligent design, optimise every inch of the cabin.

www.thompsonaero.com

Areas of expertise:

• One of the leading suppliers of Business and First-Class aircraft seating
• A global customer base featuring many of the world’s top airlines
• Thompson’s seats are installed in all major aircraft types from both Airbus and Boeing
• Recognised for cutting edge design, engineering and manufacture of premium class, full-flat airline seating
• Bespoke solutions maximise passengers’ personal space and through intelligent design, optimise every inch of the cabin

thysenkrupp Materials UK – Northern Ireland has a broad knowledge and years of experience in supporting the aerospace industry. The company has advantageous capabilities to supply a vast range of commercial and defence grade materials, including aluminium, steel and titanium, available in every size and shape.

www.thyssenkrupp-materials.co.uk

Areas of expertise:

• Short leadtimes
• Global presence
• Supply chain management
• 3rd party logistics (3PL) & 4th party logistics (4PL)
• Control tower solutions

Contact
Colm McEvoy
E: colm.mcevoy@thompsonaero.com
T: +44 (0) 28 3833 4000
W: www.thompsonaero.com

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CRAIGAVON
BT63 5QE

Contact
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T: +44 (0) 28 9184 4114
W: www.thyssenkrupp-materials.co.uk

Address
Kiltonga Industrial Estate
Belfast Road
NEWTOWNARDS
BT23 4TJ
Trimite Global Coatings is a trusted partner for innovation, quality performance coatings and metal treatments. Founded in 1940, Trimite has built its reputation on manufacturing high performance and technologically superior coatings to a broad range of industries including defence, aerospace, plastics and general industrial market sectors.

Areas of expertise:
- Wide range of defence & aerospace interior coatings
- Superior batch to batch & cross medium colour continuity
- Full range of repair & retouch options available including "Trimasol" custom retouch aerosols
- Products are WEE, RoHS & REACH compliant
- Anti-bacterial versions of powder coatings & wet paints available

Ulster University with a national and international reputation for excellence, innovation and regional engagement, making a major contribution to the economic, social and cultural development of Northern Ireland.

Core business activities are teaching and learning, widening access to education, research and innovation and technology and knowledge transfer.

In the top 25% of UK Universities for Research Power, Ulster University is committed to delivering globally significant research with local relevance.

Areas of expertise:
- Advanced materials including composites and high performance polymeric systems
- Advanced manufacturing and with digital technologies
- Embedded systems – sensors and data analytics
- Process simulation and materials modelling
- Nanotechnology and plasma

Contact
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Contact
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W: www.ulster.ac.uk

Address
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Coleraine
BT52 1SA
United Performance Metals is a specialist metals solutions centre offering global access to its high-performance inventory for the aerospace industry. It offers quality approvals such as AS9100D, ISO 9001:2015, DFARS compliant materials, and a broad range of aerospace OEM approvals. Its custom supply chain solutions include JIT or Min/Max, immediate shipment or long-term agreements, and materials that can be matched to part specification requirements. UPM supports aviation MRO, aero-engine, airframe, aero systems, components and other aerospace requirements to exceed customers most stringent performance goals.

Areas of expertise:
- Titanium alloys, stainless steel, nickel alloys, cobalt alloys, and cobalt chrome moly
- High-performance grades available in sheet, coil, plate, bar, forgings, and near net shapes
- On-site FIRSTCUT+® Processing Services including shearing, water jet cutting, bar sawing and plate sawing
- Comprehensive supply chain solutions and same or next day shipment from stock; mill quantities to blanket orders

Vita Materials produces aircraft seat cushions for the OEM & MRO markets. Its globally unique Longhaul Technologies intelligent air/foam cushions can reduce weight by up to 45%. It also produces rolls of graphite foam/scrim for dress cover manufacturers.

Areas of expertise:
- Covered aircraft cushions direct to line
- Aircraft cushions up to 45% lighter than conventional graphite
- Products for business jets and crew rest areas
- In-house product development to customer specification
- Rolls of graphite/scrim for dress cover manufacturers

www.upmet.com

Vita Materials Ltd
Core Activities
Technical foam conversion; fabrication and lamination of foam products
Year Established
1964
Employee Number
<50
Annual sales
$1-$5m
Certifications
ISO9001
Approvals
Supply products to multiple EASA Part 145 & Part 21 companies and airlines
Contact
Ian Kirby
E: Ian.kirby@vitamaterials.com
T: +353 (0) 8 7419 0345
W: www.vitamaterials.com
Address
15-18 City Business Park
BELFAST
BT17 9GX

www.vitamaterials.com
Whiskin Precision Engineering manufactures high quality precision engineered multi-axis milled and turned components from specialised parts to batch production. It supplies global businesses in aerospace, defence and security sectors. Combining traditional engineering techniques with the sophistication of modern technology, it offers a complete engineering service.

Areas of expertise:
- Precision engineering
- 3 & 5 axis milling, turn/mill capabilities
- Product design and manufacture
- Tool-making
- R&D development
- Batch production

Whiskin Precision Engineering Ltd
Core Activities
- Precision engineering
- 3 & 5 axis milling, turn/mill capabilities
- Product design and manufacture
- Tool-making
- R&D development
- Batch production

Contact
Victor Vaughan
E: victor@whiskinprecision.com
T: +44 (0) 28 9044 9990
W: www.whiskinprecision.com

Address
67B Upper Braniel Road
BELFAST
BT5 7TX

Yelo Ltd
Core Activities
- Design & manufacture of electronic test equipment
- Year Established
- 1983
- Employee Number
- <50
- Annual sales
- $1-$5m
- Certifications
- ISO 9001

Contact
Valerie Lyttle
E: valerie.lyttle@yelo.co.uk
T: +44 (0) 28 9335 7346
W: www.yelo.co.uk

Address
Trooperslane Industrial Estate
20 Meadowbank Road
CARRICKFERGUS
BT38 8YF

Yelo designs and builds electronic test equipment including:
- PCB bed of nails, testing of sub-assembly, photonics device testing, and final product.
- Yelo manufactures bespoke testing equipment for any type of electronic product.

Areas of expertise:
- Electronic test equipment
- Bespoke test equipment
- Burn-in and life test
- Test jigs and fixturing
- Test software
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COONEY GROUP
CORAS TECHNOLOGIES LTD
CREATIVE COMPOSITES LTD
CROSSEN ENGINEERING LTD
Cunningham Covers LTD
DATUM TOOL DESIGN LTD
DENROY LTD
DERRY PRECISION
DHL GLOBAL FORWARDING (UK) LTD
DONITE PLASTICS LTD
DONTAUR ENGINEERING LTD
DORIAN PRECISION ENGINEERING LTD
ECIT

Assembly/Sub-Assembly
Companies
Composites
Defence
Design & Stress
Engineering
Interiors
Logistics
Materials Supply
Metal Forming
Precision Machining
Research/Training
Software/Technology
Space
Structures/Wings
Testing
Treatments
Other

Company Name

ELECTRONIC AUTOMATION ENGINEERS LTD
ELITE ELECTRONICS SYSTEMS LTD
EURO COMPOSITES S.A.
EXACT CNC (NI) LTD
FSL ELECTRONICS LTD
GENESIS AEROTECH LTD
GUDSMIT (UK) LTD.
GREEN ENERGY ENGINEERING LTD
ICEMOS TECHNOLOGY LIMITED
IconicRF LTD
INDUSTRIAL PRECISION COMPONENTS LTD
KINSETSU LIMITED
KX SYSTEMS (FIRST DERIVATIVES)
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Invest Northern Ireland (Invest NI) is the economic development agency for Northern Ireland. It promotes inward investment and trade opportunities from an extensive local and international office network. Invest NI supports business development, helps to increase productivity and exports, attains high quality inward investment and seeks to stimulate a culture of entrepreneurship and innovation.

Invest NI offers tailored investment packages to individual companies. A dedicated Invest NI project team will work on the project construction, implementation and post-setup operations as well as an ongoing partnership approach to ensure companies located in the region have successful growth.

Companies operating in Northern Ireland also benefit from a wide range of UK tax incentives such as Patent Box, enhanced R&D Tax Credits, property tax exemptions for manufacturing property and generous capital depreciation allowances.

Invest NI offers inward investors one of the most attractive support packages available in Europe. Invest NI’s packages of financial support are tailored for each individual investment project and a dedicated Invest NI project team will work on the project construction, implementation and post-setup operations as well as an ongoing partnership approach to ensure companies located in the region have successful growth.

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Financial support can include:
• Employment grants, to support job creation
• Pre and post-employment training assistance, to support skills development
• Research and Development grants, to support new product development and innovation
• Financial investment in the share capital of a company and loans at commercial and concessional rates, to support business growth
• Market development assistance, to support exports
• Investment in VC and Loan Funds, to support local start-ups and high potential growth companies

Non-financial support includes a range of technical and advisory support services to assist even start-ups:
• Property search and selection
• Talent sourcing
• Operating grants
• Business development support

Invest Northern Ireland
Core Activities
• Economic development of Northern Ireland through attracting new inward investment and supporting Northern Ireland companies in increasing export sales.

Year Established
2002
Employee Number
>250
Contact
Aerospace Team
E: aerospace@investni.com
T: +44 (0) 28 9069 8000
M: +44 (0) 79 7132 3492
Address
Bedford Square
Bedford Street
BELFAST
BT2 7ES

www.InvestNI.com

Invest NI Core Team
Aerospace Team
E: aerospace@investni.com
T: +44 (0) 28 9069 8000
M: +44 (0) 79 7132 3492
Address
Bedford Square
Bedford Street
BELFAST
BT2 7ES
Northern Ireland is part of the United Kingdom

- Situated between Europe & the U.S.
- Population – 1.9 million
- Three airports – daily flights to European business centres, Great Britain & the U.S
- Modern road & rail network
- 100-gigabyte per second transatlantic link between Northern Ireland, Europe & North America
- The highest availability of superfast broadband in the U.K.