

Northern Ireland Aerospace & Defence





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Front cover image courtesy of Airbus.

Spirit AeroSystems Belfast is developing the fixed wings for the CityAirbus NextGen eVTOL prototype.



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Northern Ireland Aerospace & Defence

A leading aerospace region, Northern Ireland is a global force in aerospace technology. It has a dynamic international aerospace industry founded on a strong engineering heritage and rich in knowledge, skills and experience. Major aerospace corporations depend on Northern Ireland's reliable supply chain to provide quality high value-added products and services cost-effectively and on time using excellent logistical services. Airbus, Boeing, Collins Aerospace, Embraer, BAE Systems, Spirit AeroSystems and GKN Aerospace are among the OEMs and Tier One firms currently working with Northern Ireland Aerospace. International investors successfully operating in the region include Spirit AeroSystems, Collins Aerospace, Magellan Aerospace, RLC, SAM, AVIC and Thales.

Why Northern Ireland?

Northern Ireland Aerospace & Defence offers a true turnkey supply solution with design, manufacture, certification and testing in one hub. The level of proximity and cohesion is unique – 120 firms within 1 hour drive of each other, a high density of suppliers across all elements of the aerospace supply chain, from design and manufacture (world leading capabilities in machining, composites, polymers), to coatings, assembly, certification & testing.

Our high performing and consistently reliable supply chain can meet customers' needs at pace and with industry leading quality performance. These companies are engaged at the leading edge of advanced aerospace design and manufacturing. Every major commercial aircraft programme depends on structures, components and expert services from Northern Ireland. The sector is supported by world leading research hubs like the Northern Ireland Advanced Composites & Engineering Centre (NIACE), the Electronics, Communications and Information Technology Centre (ECIT), and the Northern Ireland Technology Centre (NITC) all in close proximity. As part of the UK, Northern Ireland carries full NATO status, with ready access to US markets and defence programmes.

Northern Ireland Aerospace and Defence offers:

A reliable, experienced, high-performing supply chain with expertise in key technologies including

- 3, 4, 5 and 6 axis precision machining
- Composites design and manufacturing
- Advanced metal forming
- Seating and interiors
- Design and stress
- Tooling design and precision manufacturing
- Highly accurate and high-volume polymer mouldings, and composite companies that can manufacture up to 100k aero structures per year
- Assembly and sub-assembly

Sustainability

Northern Ireland is recognised as a global leader in lightweighting technologies, from the award-winning advanced composites technology developed by Spirit AeroSystems, and deployed on the A220 wing, through to our supply chain expertise in hard metal machining, composites, polymers and thermoplastics. Spirit is also utilising its composites expertise in the development and manufacture of the wings for the Airbus CityAirbus NextGen e-VTOL prototype. Northern Ireland is working together to deliver sustainable aviation and meet Net Zero targets, as we transition to a new era of flight.

Opportunities for right sourcing

- Major ongoing company investment in technology, people and R&D to support expanding production rates
- Proven ability to ramp up quickly
- Ability to support new programmes
- Established, successful supply chain quality system – SC21
- Focus on reducing cycle times and driving improvement through lean innovation in the production system
- Meaningful partnership across the product development lifecycle and production
- Supply chain collaboration
- English-speaking, common-law system with among the most business-friendly environments in Europe
- Following the UK's exit from the European Union (EU), Northern Ireland continues to have access to the Great Britain (GB) and the EU markets for goods. This means that Northern Ireland is a gateway for the sale of goods to two of the world's largest markets and the only place where businesses can operate free from customs declarations, rules of origin certificates and non-tariff barriers on the sale of goods to both GB and the EU.
- This is a unique proposition for manufacturers based in Northern Ireland as well as those seeking a pivotal location from which to service GB and EU markets, recalibrate supply chains, or design, develop and sell products across key industries.
- Freight and logistics – Strong road infrastructure with easy access to multiple sea ports incl. Belfast, Dublin and Rosslare Europort, with RO/RO and container routes to EU hubs.

Access to a highly educated and skilled workforce with a strong work ethic

- World-class universities and an extensive network of further education colleges provide excellent academic and vocational training
- Talent pool with over 34% of Northern Ireland's workforce having a third level qualification, at significantly lower cost compared to EU, US and UK averages. Operating costs are up to 30% lower than UK mainland and EU
- Northern Ireland candidates consistently outperform those from other UK regions at GCSE & A-level examinations
- Strong partnership between academia, industry and government drives skills development in the region
- Regular communication between companies, universities and government departments ensures that courses meet industry needs
- Skills conversion programmes have been created to expand the talent pool

Access to and support from government

- Aerospace and defence are priority sectors in the Northern Ireland economy.
- The UK government and industry have committed a multi-year multi-billion budget for aerospace research delivered through the Aerospace Technology Institute (ATI), to which Northern Ireland businesses have full access.

Northern
Ireland

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



REAL TIME
SECURITY & THREAT
INTELLIGENCE



OPERATIONAL TECH (OT)
SECURITY & CONNECTED
DEVICES



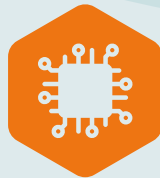
FACTORY OF
THE FUTURE



PHOTONICS &
SENSORS



WIRING & COMMS
SYSTEMS



CONTRACT
ELECTRONICS
MANUFACTURE



IOT REAL-TIME
ASSET TRACKING



AI/DATA
ANALYTICS

Company Profiles



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



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

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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

Certifications

NADCAP Chemical Treatments
NADCAP Non-Destructive Testing
AS9100

Approvals

Airbus, Bombardier Aerospace, Boeing,
Spirit AeroSystems, Safran, Thales

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BALLYMENA
BT42 3AE

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:

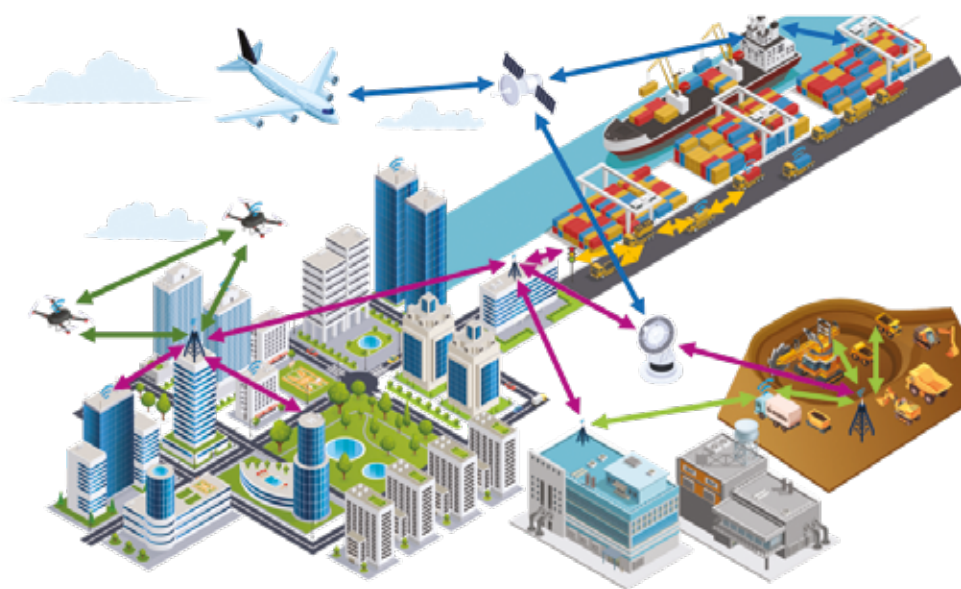
- Non-destructive testing of aluminium, titanium, steels
- Anodising of aluminium and titanium
- Abrasion resistant coatings
- Paint and dry film lubricants
- Identification and inspection processing



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.

Areas of expertise:

- IoT security
- Cyber security
- Smart mobility
- Aerospace & Drones
- Autonomous vehicles



ANGOKA Ltd

Core Activities

Cyber security, IoT security, Aerospace & Drones, Smart mobility, Smart cities

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; was named one of the UK's Most Innovative Cyber Security SME by the UK Government. Additionally, alumnus of Plug & Play's Smart Cities Programme (based in Silicon Valley, Mobility vertical) and current participant in Plug & Play's Smart Mobility Programme (based in Detroit).

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Address

Catalyst
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BELFAST
BT3 9AD



www.arlivesystems.com

AR Live Systems Ltd

Core Activities

Smart solutions are at the core of AR Live Systems. Its main goal is finding smart ways of using technology that will help build a better tomorrow for everyone, everywhere.

Year Established

2018

Employee Number

<50

Annual sales

<\$1m

Certifications

Commercial And Government Entity and a NATO Commercial and Governmental Entity (CAGE/NCAGE U1NF7)

Approvals

DEFENCE CODIFICATION AGENCY -
NSN 6625-99-847-1476

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BANGOR
BT19 7AT

AR Live Systems (ARLS) 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.



Areas of expertise:

- Security
- Artificial intelligence technology that can be applied in transport, security and logistics for both the private and public sectors.
- Facial Recognition
- Object Recognition
- Crime prevention and detection
- Mixed reality





www.axis-composites.com

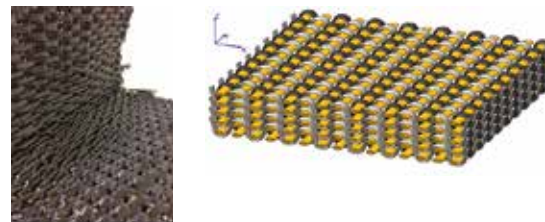
Axis Composites Limited is a spinout company from Ulster University. The company's focus is on all aspects of modern composite technology, assisting and collaborating with its clients, in the design and development of labour saving 3D woven preforms for the production of technically advanced structural 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 modelling and simulation



Axis Composites Ltd

Core Activities

Strategic development in advanced textiles/composites.

Year Established

2012

Employee Number

<50

Annual sales

<\$1m

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Boyce Precision Engineering Ltd

Core Activities

3 axis milling, 5 axis milling, 4 axis turn milling and assembly

Year Established

2006

Employee Number

<50

Annual sales

\$1-\$5m

Certifications

AS910 REV D

SC21 Silver (2 years)

Approvals

Thompson Aero Seating, Collins Aerospace, Thales

Contact

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Portadown

CRAIGAVON

BT63 5GA



www.boyceprecisionengineering.com

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



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 seating covers
- In-house product development to meet customer specifications
- Upholstery of literature pockets



Bradfor Ltd

Core Activities
Aircraft Seat Covers

Year Established
1996

Employee Number
51-249

Annual sales
\$5-\$10m

Certifications
AS9100
ISO9001
SC21 Silver

Investors in People Silver award
EFQM 5 Star
Part 21G

Approvals
Collins Aerospace Kilkeel, Winston Salem,
Leighton Buzzard

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ROSTREVOR
BT34 3BX

BROLIS

Brolis Photonics Solutions Ltd

Core Activities

Manufacture of advanced systems for defence, security, surveillance and targeting applications

Year Established

2012

Employee Number

<50

Annual sales

<\$1m

Certifications

ISO 9001

Cyber Essentials Plus

Security cleared staff

Approvals

NATO supplier (NCAGE:0104R)

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Milbrook

LARNE

BT40 2SF

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
- Robotisation & Automation of production
- High operational efficiency





www.butterflyseating.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



Butterfly Engineering Ltd

Core Activities

Design & engineering of flexible aircraft seating

Year Established

2021

Employee Number

<50

Annual sales

<\$1m

Certifications

ADOA (pending)

Contact

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Catalyst

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BT3 9DT

Catagen Ltd

Core Activities

Emissions testing in the development of new vehicles to meet regulatory standards: Catalyst ageing, Characterisation, Precious Metal Optimisation
In development - Net Zero Technologies in: Green Hydrogen Production (not an electrolyser), E-Fuel Production, Bio-Hydrogen, Compression, Carbon Capture

Year Established

2010

Employee Number

<50

Annual sales

\$1-\$5m

Certifications

ISO 9001
Cyber Essentials Plus
Security cleared staff

Approvals

UK VCA (Vehicle Certification Agency) for the purposes of witness testing EU accelerated ageing of exhaust gas aftertreatment hardware
Applus IDIADA (Europe)
CATAGEN have also supported automotive manufacturers gain approval in countries including the US (EPA and CARB), India and China

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BT3 9DT



www.catagen.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 OMEGA 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





CCP Gransden
ADVANCED COMPOSITES

www.ccp-gransden.com

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 SMC, HPRTM, Snap cure pre-pregs
- **Sophisticated 7 Axis Filament Winding**
Suitable for tubes, pressure vessels, and complex shapes



CCP Gransden Ltd

Core Activities

Advanced composites manufacturing

Year Established

1894

Employee Number

<50

Annual sales

\$5-\$10m

Certifications

AS9100, ISO9001, ISO14001, OHSAS18001, ADS SC21 Silver, Cyber Essentials Certified Plus, ADS SC21 Competitiveness and Growth, Innovate NI Platinum Level Innovator, JOSCAR Registered.

Approvals

Thales, Spirit AeroSystems, Northrop Grumman, MBDA, Comrod, GKN Aerospace, Fokker, Parker Hannifin, Jaguar Land Rover.

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BALLYGOWAN
BT23 6JE



Centre For Competitiveness

www.cforc.org

Centre For Competitiveness

Core Activities

Training and Education, Facilitation of Improvement Programmes, Recognition (EFQM European Excellence Recognition and ADS Aerospace SC21 Recognition)

Year Established

1989

Employee Number

<50

Annual sales

<\$1m

Certifications

EFQM Committed to Excellence

Approvals

EFQM Country Partner for Northern Ireland and Ireland (Certified Training and Recognition centre)
ADS Strategic Partner for Northern Ireland and Ireland
Qualified ISO Auditing
Country Partner for COTRI (China Outbound Tourism Research Institute for Northern Ireland and Ireland)

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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)





www.clintyregen.co.uk

Clinty Regen provides cost effective and environmentally-friendly chemi-milling solutions to reduce chemical purchase and waste streams whilst increasing plant output. Clinty assists companies to reduce waste, increase process control, efficiencies and profits through better practices.



Areas of expertise:

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

Clinty Regen Ltd

Core Activities

Chemical processing & crystallisation
Chemical regeneration

Year Established

1997

Employee Number

<50

Annual sales

\$1-\$5m

Certifications

IPPC licence
ISO 9001
ISO 14001
ISO 18001

Approvals

Spirit AeroSystems

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Address

27 Duncrue Street
BELFAST
BT3 9AR

CM Precision Components Ltd

Core Activities

CNC machining of component parts

Year Established

2007

Employee Number

<50

Annual sales

\$1-\$5m

Certifications

ISO 9001

Contact

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Address

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BT30 6LL



www.cmprecision.co.uk

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:

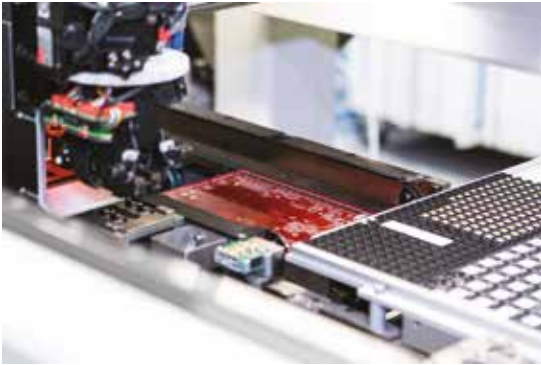
- All aspects of CNC component manufacturing
- Quick turnaround if required
- It will assist with development if required





www.cmass-ni.com

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 Box Build to included testing configuration and onwards logistics
- Strategic purchasing to support manufacturing
- Full engineer driven NPI



Cmass Ltd

Core Activities

Contract electronics manufacturing

Year Established

2010

Employee Number

<50

Annual sales

\$5-\$10m

Certifications

ISO 9001 2015

IPC 610/620 Manufacturing Standards

Approvals

UL Approved

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BT36 4PE

Collins Aerospace

Core Activities

Aircraft seating

Year Established

1967

Employee Number

250+

Annual sales

\$10m +

Certifications

AS9100
ISO 9001
ISO 14001
ISO 50001
ISO 22301
OHSAS 18001

Approvals

Boeing, Airbus

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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 beverage preparation and storage equipment
- Cabin interior reconfiguration, programme management and certification services



Photo Credit: Finnair



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



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

Contact

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

Address

23 Cooneen Road
 FIVEMILETOWN
 BT75 ONE

COPAS

AEROSPACE

www.copastechnologies.com

Copas Technologies Ltd

Core Activities
Manufacturing

Year Established
2006

Employee Number
<50

Annual sales
\$1-\$5m

Certifications
SC21 Silver
ISO9001
AS9100
ISO13485

Contact
Shaun Copas
E: Shaun@copastechnologies.com
T: +44 (0) 28 4176 4200
W: www.copastechnologies.com

Address
Units 1-12
Binnian Enterprise Park
KILKEEL
BT34 4AX

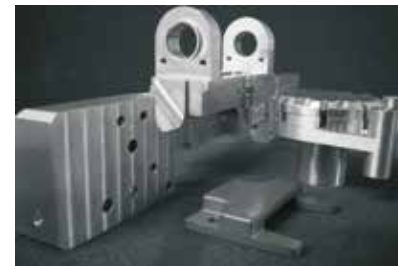
COPAS manufactures precision engineered components for the Aerospace market.

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 robotic machining
- Hard and soft metal components
- CAD CAM engineering support
- CMM and camera based inspection
- Rapid Response and FOC delivery within Ireland



Creative Composites is the UK's most advanced composites 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 150,000sq.ft facility with the largest compression moulding technology in the UK, advanced robotics, 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



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 45001
ISO 9001
IATF 16949
ISO 14001

Approvals
Thales

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



www.crossenengineering.co.uk

Crossen Engineering Ltd

Core Activities

Mechanical / Industrial Engineering

Year Established

1978

Employee Number

<50

Annual sales

\$1-\$5m

Certifications

ISO 14001

ISO 9001:2015

Contact

Peter Crossen

E: peter@crossenengineering.co.uk

T: + 44 (0) 28 9037 9803

W: www.crossenengineering.co.uk

Address

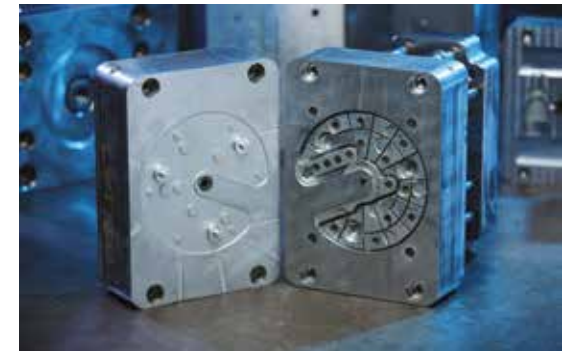
286 Ballygowan Road
Maryland Industrial Estate
Crossnacreevy
BELFAST
BT23 6BL

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 MouldFlow 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



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.

Areas of expertise:

- Moisture vapour engine bags
- Aircraft stair bellows
- Cowling covers
- Ground support equipment covers
- Engine maintenance protective covers
- Maintenance lean mats

**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

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



www.datum-design.com

Datum Tool Design Ltd

Core Activities

Design and manufacture of aerospace & automotive tooling

Year Established

1996

Employee Number

51-249

Annual sales

\$5-\$10m

Certifications

ISO9001

ISO45001

BS EN 1090

BS OHSAS ISO 18001

CYBER SAFE 201

Approvals

Bombardier Aerospace, Spirit AeroSystems, Thales, Leonardo, GKN Aerospace, Aernnova, AIT, Ascent Aerospace, Boeing

Contact

Michael Maguire

E: michael@datum-design.com

T: +44 (0) 28 9756 1015

W: www.datum-design.com

Address

Unit 1, Factory 1

McGraths Buildings

Lissue Walk

Lissue Industrial Estate

LISBURN

BT28 2SU

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 core 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 FAL support & ground support equipment



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 5t to 900t 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



Denroy Ltd

Core Activities

Plastics injection moulding and associated assemblies

Year Established

1972

Employee Number

250+

Annual sales

£20m+

Certifications

AS/EN 9100, SC21 Gold

ISO 9001:2008

ISO 13485:2003 (BSI MD515263)

UL QMMY2 E210290, FSC-C001684

BS8555 Phase 4 Environmental

Approvals

Airbus, BAE Systems, Boeing, Bombardier Aerospace, GKN Aerospace, Spirit AeroSystems, CTRM, TATA, Triumph USA, Thales, Chemring

Contact

Peter Girvan

E: p.girvan@denroy.com

T: +44 (0) 75 8309 7488

W: www.denroy.com

Address

Balloo Drive

Balloo Industrial Estate

BANGOR

BT19 7QY

Derry Precision Tools

Core Activities

Precision Engineering, Surface finishing
& Advanced Cleaning

Year Established

1972

Employee Number

<50

Annual sales

\$5- \$10m

Certifications

AS9100: D

BS EN ISO 9001:2015

Contact

Gerry Doherty

E: gerry@derryprecisiontools.com

T: + 44 (0) 2871 288006

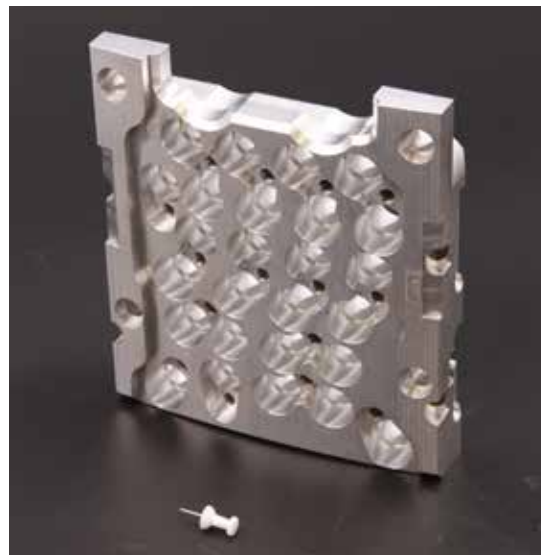
W: www.crossenengineering.co.uk

Address

18 Balliniska Road
Springtown Industrial Estate
Londonderry
BT48 0LY



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.



www.derryprecisiontools.com

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, Alocrom & Passivation
- Full supply chain management





www.dhl.co.uk

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



DHL Global Forwarding (UK) Ltd

Core Activities

International freight forwarding and logistics

Year Established

1969

Employee Number

250+

Annual sales

\$10m +

Certifications

ISO 9001:2008 (Quality)

ISO 14000:2004 (Environment)

SC21 Bronze, Certified AEO

Approvals

DHL works with many Aerospace companies, including local, national and international

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

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



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.



www.donite.com

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



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 Modeller & Edgecam Solid machinist 2022 R1
- Catia V5-6 R2019
- DMU Enovia V5-6 R2019
- 3, 4 and 5 axis milling, multi axis turning, grinding, thread rolling & assembly
- Full CMM inspection capabilities



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

Doran Precision Engineering Ltd

Core Activities

3, 4 & 5 axis CNC milling assembly, helicoiling and general engineering services.

Year Established

1993

Employee Number

<50

Annual sales

<\$1-\$5m

Certifications

AS9100 & ISO9001
ISO13485
SC21 SILVER
EFQM 4* STAR BUSINESS EXCELLENCE

Approvals

Thompson Aero Seating, Aim Altitude,
Collins Aerospace, Acro Aircraft Seating,
Randox Laboratories

Contact

Christopher Doran
E: christopher@doranengineering.com
T: +44 (0) 28 4372 2975
W: www.doranengineering.com

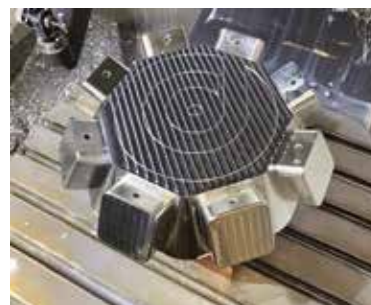
Address

Unit 4 84B,
Dundrum Road Industrial Estate
NEWCASTLE
BT33 0LN



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 Faro Arm Gage (CMM) & Hexagon Global Lite CMM for automated measurement with 2000mm x 1000mm table.
- Excellent rapid response lead times & reworking facilities
- Full in-house sub assembly & insert kitting facilities



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



ECIT Institute Queen's University Belfast

Core Activities

Cyber security, wireless, data science, collaborative R&D, innovation programmes, IP licencing

Year Established

2004

Employee Number

51-249

Annual sales

\$5-\$10m

Certifications

GCHQ/NCSC Academic Centre of Excellence in Cyber Security Research (ACE-CSR)

GCHQ/NCSC Academic Centre of Excellence in Cyber Security Education (ACE-CSE)

Cyber Essentials

Approvals

ADS – Cyber Security Special Interest Group

UK Defence Solutions Centre (UKDSC)

Contact

Philip Mills

E : p.mills@qub.ac.uk

T : +44 (0) 28 9097 1754

W : www.qub.ac.uk/ecit

Address

ECIT Institute

Northern Ireland Science Park

Queen's Road

BELFAST

BT3 9DT

Electronic Automation Engineers Ltd

Core Activities

Machine design & build special purpose equipment
Automation intergration
Thermal uniformity surveying
SLA / MTC support

Year Established

2008

Employee Number

<50

Annual sales

\$1 - \$5m

Certifications

ISO 9001:2015

ITAR Approval for BAE Systems / Lockheed Martin

Approvals

Spirit AeroSystems, Bombardier Aerospace, Airbus, BAE Systems – F35 Lighting Strike 2, Thales

Contact

Marc Rossborough
E : info@eae-ni.com
T : +44 (0)28 9073 7939
W : www.eae-ni.com

Address

The Innovation Centre
Northern Ireland Science Park
Queen's Road
Queen's Island
BELFAST
BT3 9DT

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 within Spirit AeroSystems.

Airbus: A320 Neo 4th 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 Drilling 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



Elite Electronic Systems Ltd

Core Activities
Electronic Manufacturing

Year Established
1986

Employee Number
51-249

Annual sales
\$10m +

Certifications
ISO9001:2015
ISO27001:2013
ISO13485:2016

Contact
James Cooke
E: jcooke@elitees.com
T: +44 (0) 28 6632 7172
W: www.elitees.com

Address
Lackaboy Industrial Estate
ENNISKILLEN
BT74 4R



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 D1-4426, Boeing 5317, ISO 9001 & SAE AS 9100, ISO14001, NADCAP, IRIS, EASA 21 Part G, EASA Part 145, EASA 21 Part J

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

Contact

Tony Wilson

E: Tonywilson02@btinternet.com

T: +44 (0) 7484 338 752

Mira Ring

E: ring@euro-composites.com

T: 00352 729 463 430

W: www.euro-composites.com

Address

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

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 reinforcements, 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.exactgroupni.com

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
- Composite part finishing
- Specialised wet, dry, chemical and ceramic coatings
- Production line manufacturing 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



The Exact Group

Core Activities

CNC Composite Trimming, Composite Preparation, Composite Finishing, CNC Rapid Response Machining, Production Line Design/ Manufacture, Clear Chemical Coating, Powder Coating and Inserting

Certifications

ISO 9001
AS 9100
SC21 Silver Award

Contact

Ronan Callan

E: rcallan@exactgroupni.com

T: +44 (0) 28 3025 7222

M: +44 (0) 78 7487 0294

W: www.exactgroupni.com

Address

7-9 Craigmore Mill Industrial Estate
Craigmore Road
NEWRY
BT35 6JR



FSL Electronics Ltd

Core Activities

Design & Manufacturing

Year Established

1989

Employee Number

<50

Annual sales

\$1-\$5m

Certifications

BS EN 50081-2 Electromagnetic compatibility generic emission standard

Part 2 Industrial environment 1994

BS EN 50082-2 Electromagnetic compatibility generic immunity standard

Part 2 Industrial environment 1995

Approvals

RUAG

Contact

Mark Meenan

E: mark.meenan@fslelectronics.com

T: +44 (0) 28 8676 6131

W: www.fslelectronics.com

Address

Sandholes Road

COOKSTOWN

BT80 9AR

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





www.genesis-aerotech.com

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



Genesis Aerotech Ltd

Core Activities

Design, prototyping, testing and development of disruptive technology aerial vehicles

Year Established

2017

Employee Number

<50

Annual sales

<\$1m

Contact

Michael Rice

E : michaelrice@genesis-aerotech.com

T : +44 (0) 28 9600 2200

W : www.genesis-aerotech.com

Address

67B Carnalea Road

Fintona

OMAGH

BT78 2JD

Goudsmmit UK

Core Activities

Sub-Contract manufacturing, Bespoke precision engineering, Magnets & magnetic assemblies, Logistics services, Quality assurance, Assembly and Design services, Project management.

Year Established

1998

Employee Number

<50

Annual sales

\$5-\$10m

Certifications

ISO 9001, AS 9120

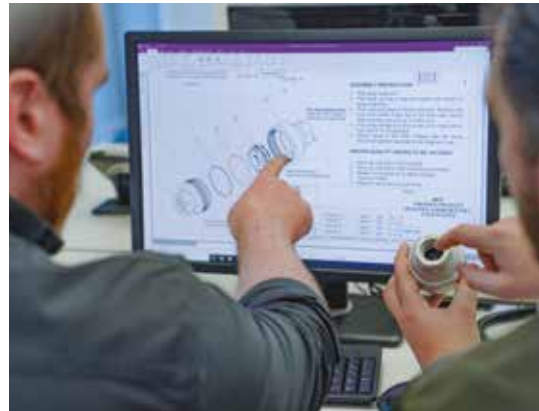
Contact

Michael Lyness
E : michael@goudsmmit.co.uk
T : +44 (0)28 9027 1001
W : www.goudsmmit.co.uk

Address

1st Floor
Riverview
The Green
Tullynacross Road
LISBURN
BT27 5SR

Goudsmmit 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, Goudsmmit 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





www.geeprecision.org

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



G.E.E. Precision Green Energy Engineering Ltd

Core Activities

Supply of complex precision manufactured components and sub-assemblies

Year Established
2006

Employee Number
<50

Annual sales
\$1-\$5m

Certifications
AS 9100 : Rev D
ISO 9001 : 2015

Contact

Jeff Lyttle

E : Jeff@geeltd.org

T : +44 (0) 28 3882 0043

W : www.geeprecision.org

Address

198a Lurgan Road
DROMORE
BT25 1HL

IceMOS Technology Ltd

Core Activities

Advanced engineering substrates for MEMS sensors and IC's, and Energy saving power MOSFETS

Year Established

2004

Employee Number

51-249

Annual sales

\$10m +

Certifications

IATF 16949

ISO 9001

ISO 14001

Contact

Hugh Griffin

E: hughgriffin@icemostech.com

T: +44 (0) 28 9057 3700

M: +44 (0) 7870 606 570

W: www.icemostech.com

Address

5 Hannahstown Hill

BELFAST

BT17 0LT

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:

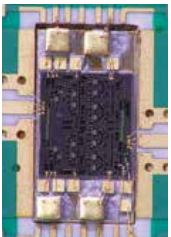
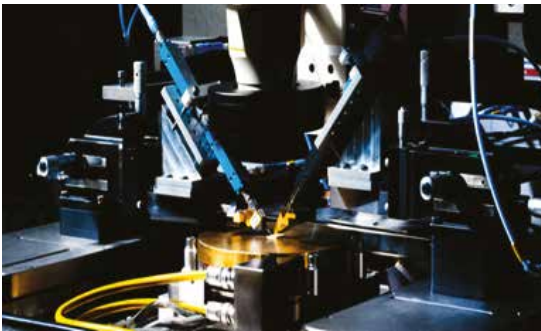
- High voltage superjunction MOSFET for secure data centre, Electric Vehicle and Aerospace energy savings
- Radiation hardened MOSFET for space applications
- Silicon sensing elements for high performance inertial MEMS: accelerometer & gyroscope
- RF SOI for 5G mobile network communications applications



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

**Iconic RF Ltd,
a Microchip Company****Core Activities**

GaAs and GaN RF MMICs for applications in Communications, Space, Aerospace and Defence

Year Established
2017

Employee Number
250+

Contact

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E : Andrew.Patterson@Microchip.com
T : +44 (0) 75 7032 2604
W : www.microchip.com

Address

Innovation Factory
385 Springfield Road
BELFAST
BT12 7DG

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

Graeme Bennett

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T: +44 (0) 28 9336 6696

W: www.ipcmouldings.com

Address

Unit 19Y

Kilroot Business Park

CARRICKFERGUS

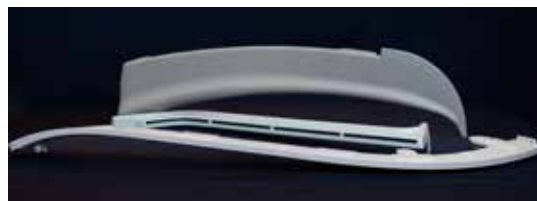
BT38 7PR



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.



Photo Credit: Finnair



www.ipcmouldings.com

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



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
- IoT for Defence, Healthcare, Government and Commercial sectors
- Asset tracking – from vessels and shipyards to global destinations
- Personnel accounting and locating (PAL)
- Process optimisation – giving back time to you and your team



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



KX a subsidiary of FD Technologies PLC

Core Activities

High-performance data management and analytics platform designed for data-driven organisations seeking to increase revenue, profitability, competitiveness and control through real-time data-driven decision making and machine learning.

Year Established

1996

Employee Number

250+

Annual sales

\$10m +

Contact

Gary Connolly

E: gconnolly@kx.com

T: +44 (0) 7885 969 260

W: www.kx.com

Address

Head Office

Brian Conlon House

3 Canal Quay

NEWRY

BT35 6BP

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
- **Supporting On-Prem & Cloud** – Runs on everything from small edge devices to cloud infrastructure
- **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





www.kyocera-avx.com

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.

The Northern Ireland facility is qualified to manufacture and develop ceramic capacitors which are approved by ESA, NASA and Mil Space authorities.

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 utilising 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

Core Activities

Manufacturing and development facility focusing on multi-layer ceramic capacitors for the automotive, industrial and aerospace global market sectors.

Year Established
1979

Employee Number
250+

Annual sales
\$10m +

Certifications
ESA 3009041, 3009034, 3001030, 3001034.
Defence Land Authority Mil Prf M32535.
NASA S311P838
ISO 9001, ISO 14001, IATF 16949

Contact

Michael Conway
E : Michael.Conway@kyocera-avx.com
T : +44 (0) 28 7034 0672
M : +44 (0) 78 5060 4657
W : www.kyocera-avx.com

Address

Hillmans Way
COLERAINE
BT52 2DA



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 and EDM

Year Established

1991

Employee Number

<50

Annual sales

\$1- \$5m

Certifications

ISO9001:2015
ISO13845:2016

Contact

Campbell Evans
E: Campbell@laserproto.com
T: +44 (0) 28 9070 6940
W: www.laserproto.com

Address

4 Prince Regent Road
BELFAST
BT5 6QR

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 CoFC 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 requires 5 axis CNC technology
- Extensive experience of helping companies qualifying their 3D Printed parts for production



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
GREYABBEY
BT2 2QE

Marlborough Engineering Ltd

Core Activities

Marlborough Engineering supplies precision metal components to a diverse set of applications from high performance scientific cameras to oil rigs and aeroplanes.

Year Established

1986

Employee Number

<50

Annual sales

\$1-\$5m

Certifications

ISO 9001, Manufacturing and Fabrication Certifications (EN 1090, etc.) Welding / Inspection Certification

Approvals

AWS, CSWIP, CWI, DIN EN ISO 3834

Contact

Liam MacDonald

E: lmacdonald@marlborough-eng.com

T: +44 (0) 73 4053 6840

W: www.marlborough-eng.com

Address

67 Sydenham Road
BELFAST
BT4 1SE



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.



www.marlborough-eng.com

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





www.mcgreevyengineering.co.uk

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 benefit 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 turn mill
- 2M CNC coordinate measurement capability
- In-house programming team
- Sub-assembly tooling and supplier management



McGreevy Engineering Ltd

Core Activities

CNC machining

Year Established

1980

Employee Number

<50

Annual sales

\$1-\$5m

Certifications

AS9100:2015 Rev D

ISO9001:2015

SC21 Bronze Award 3 yrs +

Approvals

Causeway Aero, Magellan Aerospace, RTA International, Spirit AeroSystems, Thales, Collins Aerospace, Datum Design, Thompson Aero Seating, Dornier Seawings.

Contact

Aaron McGreevy

E : aaron@mcgreevyengineering.co.uk

T : +44 (0) 28 9044 8755

W : www.mcgreevyengineering.co.uk

Address

Maryland Industrial Estate

Ballygowan Road

BELFAST

BT23 6BL



McKenzie (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

McKenzie 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.

McKenzie 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.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



MF Logistics UK Ltd

Core Activities

Transport and Logistics
Road Freight and Airfreight
FTL and Groupage options
Bespoke transport solutions
Customs clearance

Year Established

1968

Employee Number

51-249

Annual sales

\$10m +

Approvals

Spirit AeroSystems

Contact

Colin McCullough
E : colin.mccullough@mflogistics.co.uk
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

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



Contact

Rob Moran

E: rob@moteam.co.uk

T: +44 (0) 7764 448 808

W: www.moteam.com

Address

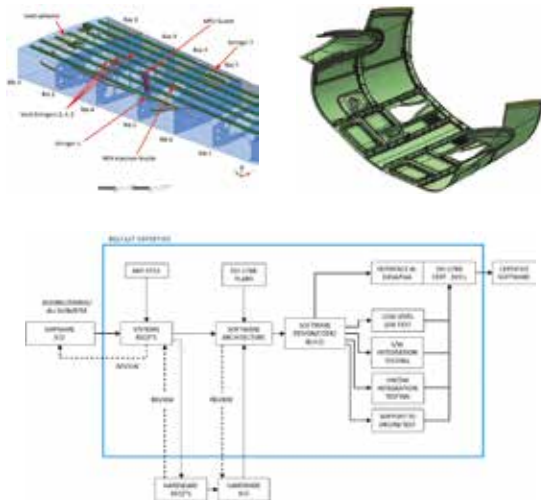
11E Chapel Road

CRUMLIN

BT29 4LY

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 intuitive 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



Morson Projects Ltd

Core Activities

Multi-disciplinary engineering consultancy across five key sectors: Aerospace & Defence; Nuclear; Power & Renewable Energy; Industrial & Process and Infrastructure & Transportation.

Year Established

1979

Employee Number

250+

Annual sales

\$10m +

Certifications

ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, ISO 27001:2013, ISO AS9100 REV-D, CYBER ESSENTIALS PLUS

Approvals

UK CAA PART-21 J Approved
SAFECONTRACTOR Accredited
ACHILLES Verified
NERS Accredited
CHAS Accredited

Contact

Gordon Murphy
E : gordon.murphy@morson-projects.co.uk
T : +44 (0) 28 9026 9400
W : www.morson-projects.co.uk

Address

10B Weavers Court Business Park
Linfield Road
BELFAST
BT12 5GH

Moyfab Tool Company Ltd

Core Activities

Manufacturing, precision sheetmetal and machining

Year Established

1994

Employee Number

51-249

Annual sales

\$5-\$10m

Certifications

ISO 9001-2008, AS9100

Contact

Raymond Fitzpatrick
E: Raymond@moyfabtool.com
T: +44 (0) 28 4176 3602
T: www.moyfabtool.com

Address

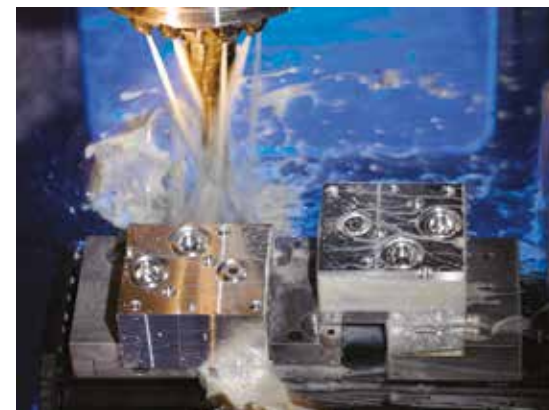
215 Moyadd Road
Kilkeel
NEWRY
BT34 4HL

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 MES scheduling
- CNC machining and mill turning
- Fully equipped in-house tool room for jigs and fixtures



MOYOLA

Precision Engineering

www.moyola.com

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



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 Starrag Ecospeed, Grob and Mazak 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 a highly proficient Quality Department utilising multiple CMMs, producing products to APQP standards



Moyola Precision Engineering Ltd

Core Activities

World class machining, assembly and treatments solutions for the Civil Aerospace, Defence and Space Industries

Year Established
1976

Employee Number
51-249

Annual sales
\$10m +

Certifications

SC21 Gold Award (4 years)
BS EN ISO 9001-2015 / AS EN 9100D

Approvals

Machining and assembly approvals from Airbus, Bombardier Aerospace, GE (Boeing), Spirit AeroSystems, GKN Aerospace, FACC, BAE Systems (F35 & Typhoon), RLC, Leonardo, SAAB, Thales, MBDA.

Contact

Mark Sample

E : mark@moyola.com

T : +44 (0) 28 7946 9349

W : www.moyola.com

Address

4-8 Curran Road
CASTLEDAWSON
BT45 8AF

Nacelle Systems Consultancy Ltd

Core Activities

Propulsion systems integration
Design & stress analysis
Project & integration engineering
Qualification & certification support

Year Established

2005

Employee Number

<50

Annual sales

\$1-\$5m

Certifications

ISO9001

Approvals

General Electric, Parker Hannifin (Stratoflex and CSS divisions), Rolls Royce (Deutschland), 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
BT 35 8XF

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.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 turned 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



N.I. Precision Ltd

Core Activities

Precision component manufacturing

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

Moir Road

LISBURN

BT28 2RE

Northern Ireland Technology Centre, Queen's University Belfast

Core Activities

Advanced Manufacturing, Engineering & Design Innovation Centre (Trl 4-7)

Year Established

1968

Employee Number

250+

Annual sales

\$10m +

Contact

Colm Higgins

E: c.j.higgins@qub.ac.uk

T: +44 (0) 29 9097 4330

M: +44 (0) 78 0141 6901

W: www.qub.ac.uk

Address

Cloreen Park

Malone Road

BELFAST

BT9 5HN



Northern Ireland
**Technology
Centre**
Insight Applied

www.qub.ac.uk

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





www.niace.org

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



Northern Ireland Advanced Composites and Engineering Centre (NIACE)

Core Activities

Collaborative, industrially focused research and development
Technical support for industry
Access to composite design and manufacturing capabilities
Skills and workforce development
Networking

Year Established
2012

Employee Number
<50

Annual sales
\$1-\$5m

Contact

Peter Quigley
E : p.quigley@niace.org
T : +44 (0) 28 9621 3725
W : www.niace.org

Address

5 Airport Road
BELFAST
BT39DZ



www.nitronica.com

nitronica

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





www.pacgroup.co.uk

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
- Robotics and process automation
- Automated machine bespoke design & build
- Bespoke spray booths & ovens



Process Automation & Calibrations Ltd T/A PAC Group

Core Activities

Specialising in industrial automation, spray booths and ovens, and bespoke carbon composite manufacturing machines and processes for the aerospace sector, including hot drape formers, preformers, reticulators, and resin transfer infusion systems.

Year Established
2017

Employee Number
<50

Annual sales
\$5-\$10m

Certifications
ISO 9001, ISO 14001, ISO 45001, NICEIC, SparkSafe, SafeContractor, Platinum Level Innovator, Queen's Award Winner 2021.

Contact

Darren Leslie
E: darrenleslie@pacgroup.co.uk
T: +44 (0) 7983 586 722
W: www.pacgroup.co.uk

Address

Units 35-37
Somerton Industrial Park
Dargan Crescent
BELFAST
BT3 9JB



www.pinggroup.co.uk

PING Group Ltd

Core Activities

Aircraft and cargo handling
Internal transit shed facility (ITSF)
Customs handling
CAA approved Security Screening (X-Ray)
Road/freight transport
Courier Services (pingparcels.co.uk)
Industry approved security & DGR training

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
ALDERGROVE
BT29 4AB

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
- Customs operations – inventory systems linked to HMRC
- Logistics – licenses in 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)



Pinnacle Growth Group is a specialist in enabling business growth to organisations in the UK and Ireland. Pinnacle Growth Group go above and beyond to add value to clients, providing straightforward, honest and reliable advice, continuously expanding its breadth of knowledge to better serve the client and create lasting improvement.

Areas of expertise:

- Finance for growth – identifying and accessing grants, funding and finance to accelerate business growth
- Business Improvement – programmes and tools to increase clients' profitability, manage change and create lasting improvement
- Sales and Export growth – assistance accessing new markets, grow sales, develop exports and manage trade



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 Ltd

Core Activities

Sub-contract machining using the latest 3, 4 & 5 axis machine tools

Year Established

2013

Employee Number

<50

Annual sales

\$1-\$5m

Certifications

ISO 9001

Approvals

Bombardier Aerospace, B/E Aerospace, Thompson Aero Seating

Contact

Ross Fleming
E: info@platinum-ni.com
T: +44 (0) 75 3125 5955
W: www.platinum-ni.com

Address

15 Corrigs Road
NEWCASTLE
BT33 0JZ

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 machined 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 HRSA materials
- Market leading CAM software: Open Mind and Mastercam
- Rapid response service
- On site CMM for FAI



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:

- Innovate 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



Plaswire Ltd

Core Activities

Plastic manufacturing, plastic and polymer recycling, green closed loop.

Year Established

2004

Employee Number

<50

Annual sales

\$1-\$5m

Certifications

ISO9001, ISO14001, ISO45001.

Contact

Andrew Billingsley
E : andrew@plaswire.com
T : +44 (0) 7813 695 316
W : www.plaswire.com

Address

3 Halfpenny Valley Industrial Estate
LURGAN
BT66 8TP

Quality Blue Ltd

Core Activities

SC21 Strategic and Training Partner.
Auditing & Training for all Aerospace standards.
EFQM certified Training & Recognition Partner.
21G and Part 145 audit full support options.
LEAN tools, methods and training.

Year Established

2018

Employee Number

<50

Annual sales

<\$1m

Certifications

Certified QMS to ISO9001:2015, CQI-IRCA Certified Principal Aerospace Auditor, CQI-IRCA Certified Principal QMS/9001/27001 Auditor, Certified EFQM Consultancy, Training & Recognition Partner

Approvals

Collins Aerospace, Spirit AeroSystems, Pall Aerospace & SABCA, Licensed Facilitator for Benchmark Index.
Internal, Supplier and full range of audit support service for ongoing QMS maintenance. Cyber/Information Security to ISO 27001 & ITAR full support options.
NATO/AQAP 2310/2110 MoD/DoD full support options.

Contact

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

Address

Quality Blue House
NEWTOWNARDS
BT23 6XA



www.qualityblue.uk

**The provision of Auditing,
Training and Consultancy in Quality
Management and LEAN Systems,
to drive and continual improve
process and business performance.**



Areas of expertise:

- SC21 OE Strategic Partner and Training Partner providing a complete SC21 service
- CQI-IRCA Certified Principal Aerospace/Quality Auditor providing the full range of audit and training services for all aero standards including AS9100; AS9110; AS9120; AQAP2310; AS13000; AS9102/03; AS13004; ISO27001; Cyber-Essentials; ITAR; LEAN
- Full range of 21G and Part 145 Audit and Training services and support packages
- EFQM Certified Partner for Consultancy, Training and Recognition services on the island of Ireland
- Design and implementation of AS9100, ISO 9001 and bespoke Integrated Quality Management Systems

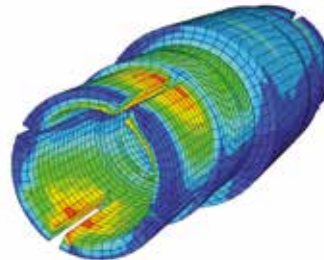


The School of Mechanical and Aerospace Engineering at Queen's University is rated as one of the top ten mechanical engineering schools in the UK and is in the top 1% globally. It has a strong background in advanced composite structures, including thermoplastic composites, aerodynamics, intelligent automation,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



Areas of expertise:

- Modelling of airframe 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
- Clean energies



Queen's University Belfast School of Mechanical and Aerospace Engineering

Core Activities

Research and Education

Year Established

1845

Employee Number

250+

Annual sales

\$10m +

Approvals

All degree programmes are accredited by the Institution of Mechanical Engineers and the Royal Aeronautical Society.

Contact

Professor Juliana Early
E : j.early@qub.ac.uk
T : +44 (0) 28 9097 5663
W : www.qub.ac.uk

Address

University Road
BELFAST
BT7 1NN

Rainey Mapal

T/A Rainey Engineering Solutions (Mapal Group)

Core Activities

Carbide tool manufacture
 Special drills and endmills 3mm – 32mm
 Technical tooling solution provider

Year Established

1924

Employee Number

<50

Annual sales

\$1-\$5m

Certifications

ISO9001:2015

Contact

David Tinney
 E: david.tinney@mapal.com
 T: +44 (0) 28 9266 9233
 W: www.mapal.com
www.raineys.co.uk
www.c-com.net

Address

8a Enterprise Crescent
 LISBURN
 BT28 2BP

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 UK facility
- Cost Per Unit - Tool management expertise including cCom Industry 4.0 software
- Technical distributor including tool management through vending solutions



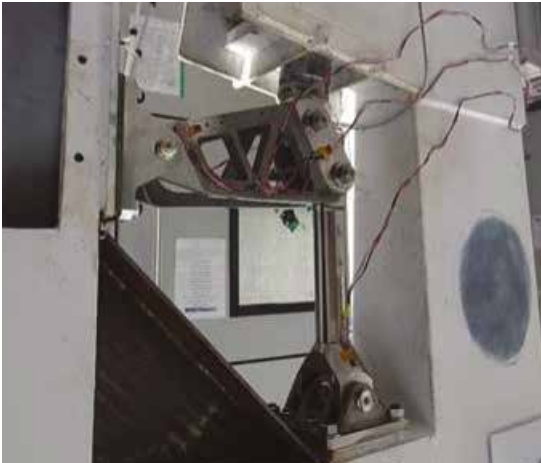


Resonate
TESTING LIMITED

www.ResonateTesting.com

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 aid test rig 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 med-tech
- Test and certification support to FAA Fire Test Standards across a range test types



Resonate Testing Ltd

Core Activities

Vibration and shock
SRS and pyro shock
Rechargeable Lithium-Ion battery abuse and certification
Environmental testing
Bespoke test design and rig fabrication
Support to product development and certification
Aircraft propulsion level fire testing

Year Established

2015

Employee Number

<50

Annual sales

\$1-\$5m

Certifications

ISO17025:2017
ISO9001

Approvals

Multiple customer approvals

Contact

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

Address

Unit 1
Bridge Technology Park
Carnagat Lane
NEWRY
BT 35 8XF



RLC UK Ltd

Core Activities

Aerospace Mechanical Manufacture,
Assembly & Processing

Year Established

1955

Employee Number

~1000

Annual sales

~ £120M

Certifications

Full Nadcap approval for non-destructive
and wet processing

ISO 14001

ISO 45001

AS9100

ISO50001

Approvals

Full range of aerospace customer
specific approvals

Contact

Paul Coates

E: paul.coates@rlc-group.com

T: +44 (0) 28 9083 4460

W: www.rlc-group.com

Addresses

97 Largy Road
Crumlin
BT29 4RT

Global Point Business Park
Corrs Corner
NEWTOWNABBEY
BT36 5PY

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



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
- Warehousing and stock management, including Final Mile 3PL and kitting services with full lot traceability maintained
- Production support services, including Kanban and lineside feed stock replenishment



RTA Ireland Ltd

Core Activities

Sourcing, procurement, warehousing, kitting, and distribution of components and catalogue parts. Third party logistics. Mechanical assembly services.

Year Established

1999

Employee Number

<50

Annual sales

\$5-\$10m

Certifications

EN9100:2018 (technically equivalent to AS9100 Rev D) – certified by BSi

EN9120:2018 (technically equivalent to AS9120 Rev B) – certified by BSi

SC21 Gold (1 year) – certified by ADS

AEO-F (Authorized Economic Operator for both compliance and safety/security) – certified by HMRC

Approvals

Collins Aerospace and Thompson Aero Seating

Contact

Dominic Hannon

E : dominichannon@rtaintl.com

T : +44 (0) 28 4176 9800

W : www.rtaintrl.com

Address

7 East Council Road

KILKEEL

BT34 4ZR



www.rwpowdercoatings.com

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

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



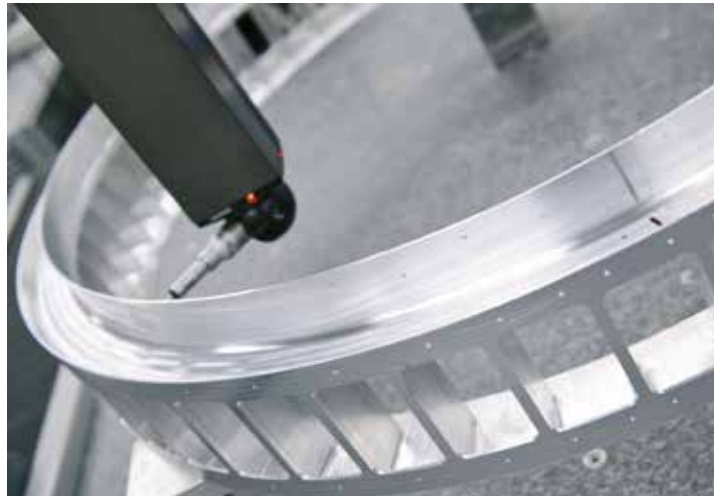
www.sam.sg
www.jwkane.co.uk

JW 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)
JW 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

Skytek Technology Ltd

Core Activities

Skytek is a software development company with expertise in applying space-based EO and navigation technologies to real-world problems.

Year Established

2020

Employee Number

<50

Annual sales

\$1-\$5m

Certifications

Skytek provide quality assurance against the standard, ECSS-Q-ST-80 (Which defines the principles and requirements applicable to space software product assurance. The formulation of this Standard takes into account the existing ISO 9000 family of documents, and the ISO/IEC 12207 standard)

For space software engineering, Skytek develop to the European Cooperation for Space Standardisation ECSS-E-ST-40C

For technical documentation and support manuals Skytek use the Darwin Information Typing Architecture (DITA) standard (DITA is an XML-based open standard for structuring, developing, managing, and publishing content)

Approvals

NASA award for outstanding innovation and technical development.

Contact

Rita Malosti
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W: www.skytek.com

Address

Clockwise Riverhouse
48-60 High Street
BELFAST
BT1 2BE



www.skytek.com

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 procedure and decision support applications





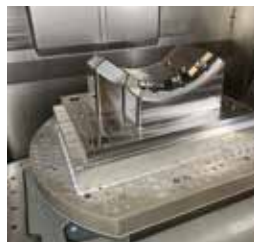
www.smiths-engineering.com

Smiths Precision specialises in producing highly complex parts for the aerospace industry. Utilising 5 - Axis state-of-art Hermle 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 Hermle multi-axis machining centres 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. 24 hours 7 days per week
- 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



Smiths Precision

Core Activities

Multi-axis CNC Machining, Manufacture & assembly of transmission products, Fabrication & sub-assembly

Year Established

1962

Employee Number

<50

Annual sales

\$5-\$10m

Certifications

AS 9100 Rev D, ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, SC21 Bronze Award

Approvals

Thompson Aero Seating, Irish Rail, Transport for London, Optibelt, Schlumberger, EP Power Europe, ESB

Contact

Ian Kinstrie

E : ian@smiths-engineering.com

T : +44 (0) 28 2564 1621

W : www.smiths-engineering.com

Address

Pennybridge Industrial Estate

BALLYMENA

BT42 3HB

Speedlink NI Ltd

T/A Speedlink International Logistics

Core Activities
Transport & Logistics

Year Established
2010

Employee Number
<50

Annual sales
\$1-\$5m

Certifications
GDP certified
ISO 9001 (Quality)
AEO Certified

Approvals
CAA regulated agents
BIFA – British International Freight Association
WCA – World Cargo Alliance

Contact
David Rogers
E : belfast@speedlink.ie
T : +44 (0) 28 9069 1332
W : www.speedlink.ie

Address
Unit 1
Building 19
New Freight Forwarders Building
Belfast International Airport
BT29 4JT



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 WCA group, Speedlink are part of a network of over 10,000 shipping agents in 200 countries.



www.speedlink.ie

Areas of expertise:

- Aerospace & Defence – Speedlink tailor their services to specific industries including arranging full aircraft charters
- Cargo screening – Speedlink offer FREDDs 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





www.spiritaero.com

Spirit AeroSystems Belfast 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 UK defence player



Spirit AeroSystems

Core Activities

Design and manufacturing

Year Established

Established as Short Brothers in 1908

Employee Number

250+

Annual sales

\$10m +

Certifications

ACAA Part.21.G Production Organisation Approval
CAA Part.21.J Design Organisation Approval
EASA Part.145 and CAA Part.145 Maintenance
Repair and Overhaul Approval

Approvals

AS9100, AS9110, ISO 14001:2015, ISO 45001:2018.
NUCAP approval for Chemical, Composite,
Heat Treatment, NDT, Shotpeen and Welding

Contact

Michael Hogg

E : michael.hogg@spiritaero.com

T : +44 (0) 28 9568 1317

W: www.spiritaero.com

Address

Airport Road
BELFAST
BT9 3DZ



Springco NI Ltd

Core Activities

Spring manufacture - compression, torsion, tension and flat springs. Wire forming, tube forming and positive material identification.

Year Established

1954

Employee Number

<50

Annual sales

\$1-\$5m

Certifications

AS9100

ISO9001

SC21 Silver Award

EFQM 4 Star

Approvals

Spirit AeroSystems, Safran, Thales, Pattonair.

Contact

Connor Jordan

E: connor.jordan@springco.co.uk

T: +44 (0) 28 3833 3482

W: www.springco.co.uk

Address

21 Carn Road
PORTADOWN
BT63 5WG

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



Survitec Group Ltd

Core Activities

Safety and survival technology for the defence industries including: Design, Manufacturing, Testing & qualification, Training, Servicing & maintenance

Year Established

1920

Employee Number

250+

Annual sales

\$10m +

Certifications

ISO 9001:2000

AS 9100

ISO 14001

Approvals

FAA, EASA, CAA, DAOS

Contact

Martin Beagan

E : martin.beagan@survitecgroup.com

T : +44 (0) 7810 527148

W : www.survitecgroup.com

Address

Kingsway

Dunmurry

BELFAST

BT17 9AF



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
Queens Award for Enterprise

Approvals

Collins Aerospace
Thales

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

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 speciality



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:

- 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 UK Ltd

Core Activities

Engineering
Manufacturing

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 Rondel - Media

E : adrian.rondel@uk.thalesgroup.com

T : +44 (0) 7971 414 052

David Gilleece - Operations

E : david.gilleece@uk.thalesgroup.com

T : +44 (0) 28 9046 5106

W : www.thalesgroup.com/UK

Address

Alanbrooke Road

BELFAST

BT6 9HB

Thompson Aero Seating Ltd

Core Activities

Business Class seats

Year Established

2009

Employee Number

250+

Annual sales

\$10m +

Certifications

EASA Part 21G Certification, EASA.UK.21G.2638,
EASA Part 21A.602B(b)(2) Approval, EASA.305,
EASA PART145 Certification, EASA.UK.145.01290,
AS EN 9100 Rev D Certification, FM 540498,
TCCA CAR 573 AMO, TCCA 814-05, FAR145,
6TOY336C

Approvals

Airbus (A320F, A330, A340, A350 and A380) and
Boeing (B737, B757, B767, B777 and B787)

Contact

Colm McEvoy

E : colm.mcevoy@thompsonaero.com

T : +44 (0) 28 3833 4000

W : www.thompsonaero.com

Address

51 Seagoe Industrial Estate
Portadown
CRAIGAVON
BT63 5QE



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



thyssenkrupp 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 lead times
- Global presence
- Supply chain management
- 3rd party logistics (3PL) & 4th party logistics (4PL)
- Control tower solutions



thyssenkrupp Materials UK

Core Activities

Stock hold, preparation, cutting & supply of ferrous & non-ferrous materials. Fuselage sheet handling and inspection capabilities.

Year Established
2008

Employee Number
<50

Annual sales
\$10m +

Certifications
SC21 Silver Award, ISO 9001:2015, ISO 14001:2015
and ISO 45001:2018

Approvals
Bombardier Aerospace, Airbus, Westland,
Thales, BAE Systems

Contact
Andy Scott
E : andy.scott@thyssenkrupp-materials.com
T : +44 (0) 28 9184 4114
W : www.thyssenkrupp-materials.co.uk

Address
Kiltonga Industrial Estate Belfast Road
NEWTOWNARDS
BT23 4TJ

Trimite Ltd

T/A Trimite Global Coatings (TGC)

Core Activities

Manufacturers of powder coatings, wet paints, pre-treatment chemicals and custom aerosols

Year Established

1940

Employee Number

51-249

Annual sales

\$10m +

Certifications

ISO 9001

Contact

Stephen McConnell
E : steve.mcconnell@trimite.com
T : +44 (0) 28 9066 3361
W : www.trimite.com

Address

Falcon Road
Adelaide Industrial Estate
BELFAST
BT12 6RD



A TRADING STYLE OF TRIMITE LTD (BELFAST)

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 powders coatings & wet paints available

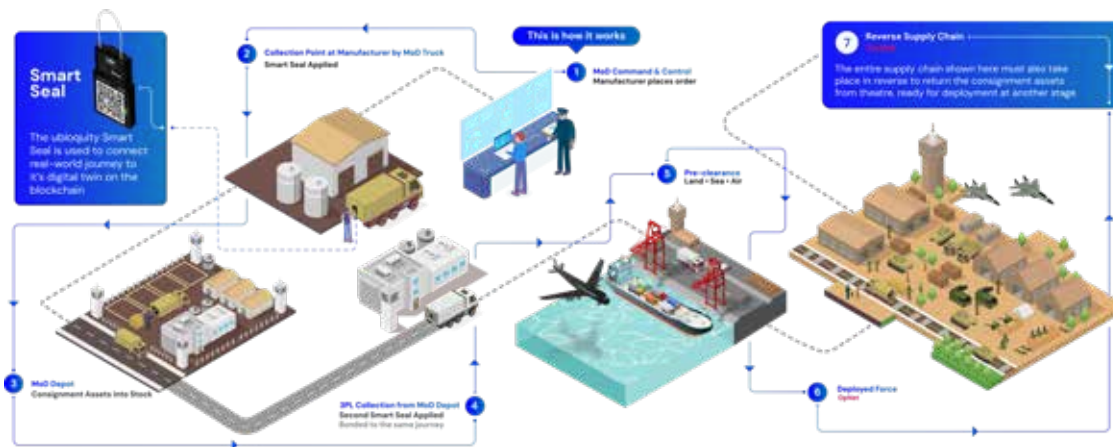


www.trimite.com

ubloquity is a specialist DLT company enabling Digital Twin Asset authentication and frictionless trade across the global supply chain. It's technology ensures provenance, authentication, and trust across global industries, transforming aerospace, defence, logistics, and manufacturing with blockchain, AI, and IoT-driven automation for secure, transparent, and efficient transactions.

Areas of expertise:

- Supply chain security - blockchain
- Digital twin asset provenance
- IoT integration for frictionless trade
- Supply chain compliance
- Trade cyber security



ubloquity

Core Activities

Digital asset authentication and supply chain security

Year Established

2021

Employee Number

<50

Annual sales

\$1-\$5m

Certifications

Multiple AWS certifications

Security clearance

Pending cyber essentials

Approvals

Boeing approved supplier

ADS member

Contact

Kieran Kelly

E : kieran@ubloquity.io

T : +44 (0) 7557 904 931

W : www.ubloquity.io

Address

31 Old Mill Rd

SCARVA

BT63 6NL



Ulster University

Core Activities

Education and research

Year Established

1984

Employee Number

250+

Annual sales

\$10m +

Contact

Alistair McIlhagger

E : a.mcilhagger@ulster.ac.uk

T : +44 (0) 7809 701 923

W : www.ulster.ac.uk

Address

Cromore Road

COLERAINE

BT52 1SA

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





www.upmet.com

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, forged block, 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



United Performance Metals Ltd

Core Activities

Specialty metals solutions center offering high-performance metals and alloys and in-house prefabrication services

Year Established
2008

Employee Number
<50

Annual sales
\$10m +

Certifications

ISO 9001:2008

AS9100:2009

AS9120RevA, PWA 119 1&2

ISO 13485:2003

AS7003, EE02-S-422

AS9011D with ISO 9001:2015

Approvals

GE, Boeing, Rolls Royce, Pratt & Whitney and many others

Contact

Michael O'Prey

E : moprey@upmet.uk

T : +44 (0) 28 9181 7919

M : +44 (0) 78 2533 0594

W : www.upmet.com

Address

Ballyharry Business Park

6 Berkshire Road

NEWTOWNARDS

BT23 7HH



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 Dunmurry
BELFAST
BT17 9GX

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





WHISKIN PRECISION ENGINEERING
www.whiskinprecision.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.

www.whiskinprecision.com

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
Jigs and fixtures design and manufacture
Reverse engineering

Year Established
2001

Employee Number
<50

Annual sales
\$1-\$5m

Certifications
BS EN ISO 9001:2015
AS 9100 REV D

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










































Capability Matrix



Company Name

	Assembly/ Sub Assembly	Composites	Defence	Design & Stress Engineering	Interiors	Logistics	Materials Supply	Metal Forming	Precision Machining	Research/ Training	Software/ Technology	Space	Structures/ Wings	Tooling	Treatments	Other
ADS GROUP LTD																
AEROSPACE METAL FINISHERS LTD																
ANGOKA LTD																
AR LIVE SYSTEMS LTD																
AXIS COMPOSITES LIMITED																
BOYCE PRECISION ENGINEERING LTD																
BRADFOR LTD																
BROLIS PHOTONICS SOLUTIONS LTD																
BUTTERFLY ENGINEERING LTD																
CATAGEN LTD																
CCP GRANSDEN LTD																
CENTRE FOR COMPETITIVENESS																
CLINTY RE-GEN LIMITED																
CM PRECISION COMPONENTS LTD																

Company Name

	Assembly/ Sub Assembly	Composites	Defence	Design & Stress Engineering	Interiors	Logistics	Materials Supply	Metal Forming	Precision Machining	Research/ Training	Software/ Technology	Space	Structures/ Wings	Tooling	Treatments	Other
CMASS LNI LTD	●										●					●
COLLINS AEROSPACE	●				●											
COONEEN GROUP			●													
COPAS 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	●								●	●			●			
DORAN PRECISION ENGINEERING LTD	●				●				●							
ECIT										●	●					●

Company Name

	Assembly/ Sub Assembly	Composites	Defence	Design & Stress Engineering	Interiors	Logistics	Materials Supply	Metal Forming	Precision Machining	Research/ Training	Software/ Technology	Space	Structures/ Wings	Tooling	Treatments	Other
ELECTRONIC AUTOMATION ENGINEERS LTD			●								●			●		●
ELITE ELECTRONICS SYSTEMS LTD	●		●								●					●
EURO COMPOSITES @ S.A.	●	●														
EXACT CNC (NI) LTD	●	●	●		●				●						●	●
FSL ELECTRONICS LTD											●					●
GENESIS AEROTECH LTD				●							●		●			●
GOUDSMIT (UK) LTD.	●	●							●							●
GREEN ENERGY ENGINEERING LTD T/A G.E.E	●								●							●
ICEMOS TECHNOLOGY LIMITED	●		●								●					●
IconicRF LTD	●		●								●					●
INDUSTRIAL PRECISION COMPONENTS LTD	●	●			●				●					●		●
KINSETSU LIMITED			●							●	●	●				●
KX SYSTEMS (FIRST DERIVATIVES)											●	●				
KYOCERA AVX COMPONENTS LTD	●										●	●				●

Company Name

	Assembly/ Sub Assembly	Composites	Defence	Design & Stress Engineering	Interiors	Logistics	Materials Supply	Metal Forming	Precision Machining	Research/ Training	Software/ Technology	Space	Structures/ Wings	Tooling	Treatments	Other
LASER PROTOTYPES (EUROPE) LTD		✖	✖						✖					✖		✖
MAGELLAN AEROSPACE (UK) LTD	✖		✖						✖				✖			
MARLBOROUGH ENGINEERING LTD									✖					✖		
MCGREEVY ENGINEERING LTD			✖		✖				✖					✖		
MCKENZIES (NI) LTD							✖									✖
MF LOGISTICS UK LTD						✖										
MO TEAM LTD		✖		✖												
MORSON PROJECTS LTD				✖							✖			✖		✖
MOYOLA PRECISION ENGINEERING LTD	✖		✖						✖				✖	✖	✖	
MOYFAB TOOL COMPANY LTD								✖						✖		
NI PRECISION LTD									✖							
NI TECHNOLOGY CENTRE										✖						
NI ADVANCED COMPOSITES & ENGINEERING (NIACE) CENTRE		✖								✖						
NACELLE SYSTEMS CONSULTANCY LTD				✖						✖						✖
NITRONICA LTD	✖										✖					✖

Company Name

	Assembly/ Sub Assembly	Composites	Defence	Design & Stress Engineering	Interiors	Logistics	Materials Supply	Metal Forming	Precision Machining	Research/ Training	Software/ Technology	Space	Structures/ Wings	Tooling	Treatments	Other
PAC GROUP LTD		●												●		●
PING HANDLING						●										●
PINNACLE PROFESSIONAL LTD										●						●
PLASWIRE LTD							●									●
PLATINUM PRECISION ENGINEERING LTD									●							
QUALITY BLUE LTD										●						●
QUEEN'S UNIVERSITY BELFAST										●						●
RAINEY MAPAL GROUP			●							●				●		●
RESONATE TESTING LTD			●							●	●					●
RLC UK LTD	●		●						●				●		●	
RTA IRELAND LIMITED	●				●	●										●
RW POWDER COATINGS LTD															●	●
SAM AEROSPACE (NI)	●								●				●			
SPIRIT AEROSYSTEMS	●	●	●	●				●	●	●	●	●	●	●	●	
SKYTEK TECHNOLOGY LTD											●	●				

Company Name

Company Name	Assembly/ Sub Assembly	Composites	Defence	Design & Stress Engineering	Interiors	Logistics	Materials Supply	Metal Forming	Precision Machining	Research/ Training	Software/ Technology	Space	Structures/ Wings	Tooling	Treatments	Other
SMITH'S ENGINEERING WORKS (NORTHERN IRELAND) LTD	●				●				●							●
SPEEDLINK						●										
SPRINGCO (N.I.) LTD	●							●								
SURVITEC GROUP LTD			●		●					●						●
TECHNICAL METALS LTD															●	
THALES UK LTD			●	●								●				
THOMPSON AERO SEATING LTD	●				●											
THYSSENKRUPP AEROSPACE UK LTD						●	●									
TRIMITE LTD			●		●		●								●	●
UBLOQUITY			●			●					●					
UNITED PERFORMANCE METALS LTD							●									
UNIVERSITY OF ULSTER										●						●
VITA MATERIALS LTD					●		●									
WHISKIN PRECISION ENGINEERING LTD									●					●		
YELO LTD	●										●					●



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, attracts high quality inward investment and seeks to stimulate a culture of entrepreneurship and innovation.

Invest NI offers inward investors one of the most attractive support packages available in Europe. Invest NI's packages of financial support are tailor-made 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.

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.



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 concessionary 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 in areas such as:

- Property search and selection
- Talent sourcing
- Operating efficiency
- 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

www.InvestNI.com

Contact

Aerospace Team
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Address

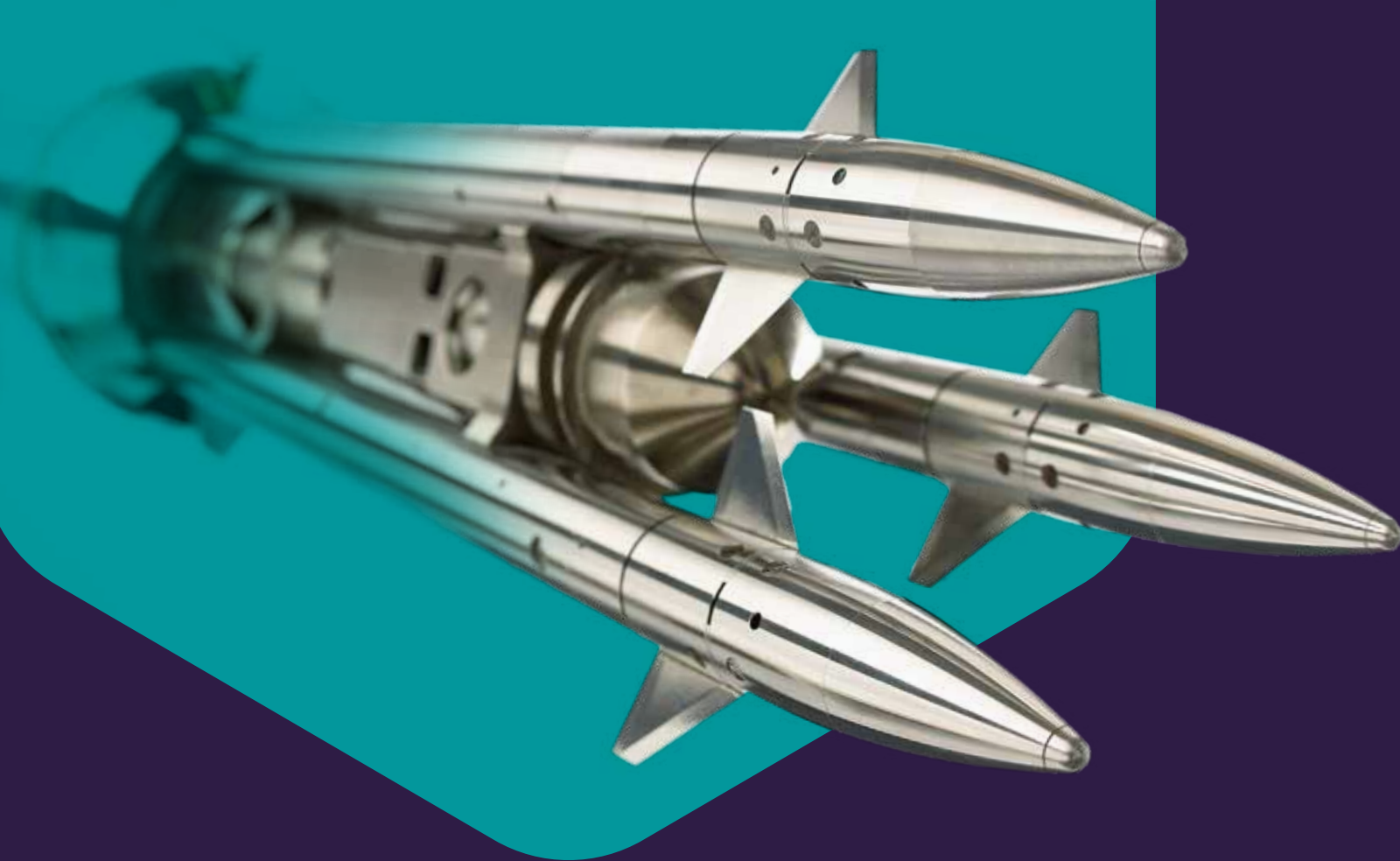
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Back cover image courtesy of Thales UK Ltd.





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