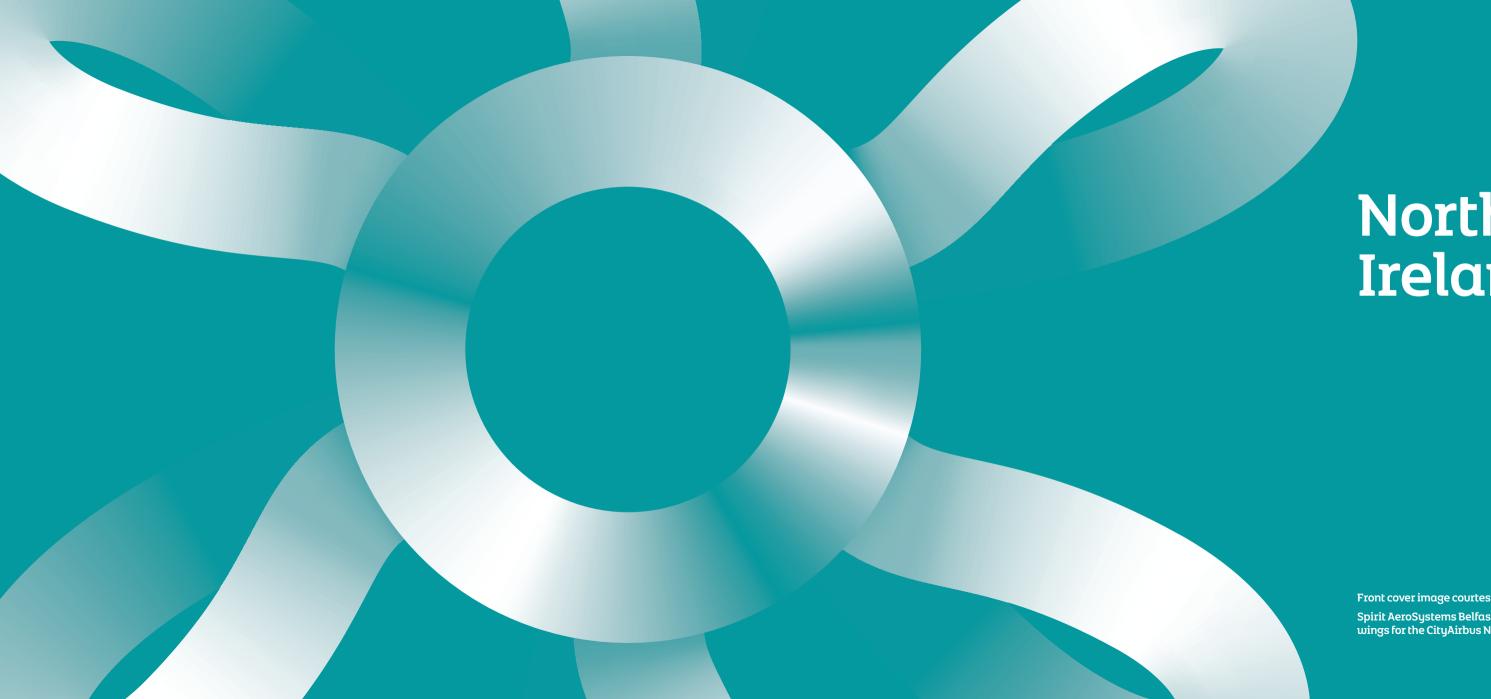
Northern Ireland Aerospace & Defence





Northern Ireland Aerospace & Defence

Front cover image courtesy of Airbus.

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



Contents

Northern Ireland Aerospace & Defence	4	Cmass Ltd	23	Genesis Aerotech Ltd	43
Established Capabilities & Technologies	6	Collins Aerospace	24	Goudsmit (UK) Ltd	44
Enabling Capabilities & Technologies	7	The Cooneen Group Ltd	25	G.E.E Precision Green Energy Engineering Ltd	45
		Copas Technologies Ltd	26	IceMOS Technology Ltd	46
Company Profiles		Creative Composites Ltd	27	IconicRF Ltd	47
ADS Group Ltd	8	Crossen Engineering Ltd	28	IPC Mouldings	48
Aerospace Metal Finishers Ltd	9	Cunningham Covers Ltd	29	Kinsetsu Ltd	49
Angoka Ltd	10	Datum Tool Design Ltd	30	Kx a subsidiary of FD Technology PLC	50
AR Live Systems Ltd	11	Denroy Ltd	31	KYOCERA AVX Components Ltd	51
Axis Composites Ltd	12	Derry Precision Tools	32	Laser Prototypes (Europe) Ltd	52
Boyce Precision Engineering Ltd	13	DHL Global Forwarding (UK) Ltd	33	Magellan Aerospace (Greyabbey) Ltd	53
Bradfor Ltd	14	Donite Plastics Ltd	34	Marlborough Engineering Ltd	54
Brolis Photonics Solutions Ltd	15	Dontaur Engineering Ltd	35	McGreevy Engineering Ltd	55
Butterfly Engineering Ltd	16	Doran Precision Engineering Ltd	36	McKenzies (NI) Ltd	56
Catagen Ltd	17	ECIT Institute	37	MF Logistics UK Ltd	57
Causeway Aero Group Ltd	18	Electronic Automation Engineers Ltd	38	Mo Team Ltd	58
CCP Gransden Ltd	19	Elite Electronic Systems Ltd	39	Morson Projects Ltd	59
Centre for Competitiveness	20	Euro-Composites ® S.A	40	Moyfab Tool Company Ltd	60
Clinty Regen Ltd	21	The Exact Group	41	Moyola Precision Engineering Ltd	61
CM Precision Components Ltd	22	FSL Electronics Ltd	42	Nacelle Systems Consultancy Ltd	62

NI Precision Ltd	63	Skytek Technology Ltd	80
NI Technology Centre	64	Smiths Precision	81
Northern Ireland Advanced Composites		Speedlink (NI) Ltd	82
& Engineering Centre (NIACE)	65	Spirit AeroSystems	83
Nitronica Ltd	66	Springco NI Ltd	84
Process Automation & Calibrations Ltd t/a PAC Group	67	Survitec Group Ltd	85
PING Group Ltd	68	Technical Metals Ltd	86
Pinnacle Growth Group	69	Thales UK Ltd	87
Plaswire Ltd	70	Thompson Aero Seating Ltd	88
Platinum Precision Engineering Ltd	71	thyssenkrupp Materials UK	89
Quality Blue Ltd	72	Trimite Ltd t/a Trimite Global Coatings (TGC)	90
Queen's University Belfast School		Ulster University	91
of Mechanical & Aerospace Engineering	73	United Performance Metals Ltd	92
Rainey Mapal t/a Rainey Engineering Solutions		Vita Materials Ltd	93
(Mapal Group)	74	Whiskin Precision Engineering Ltd	94
Resonate Testing Ltd	75	Yelo Ltd	95
RLC UK Ltd	76	Capability Matrix	96
RTA Ireland Ltd	77	Invest Northern Ireland	104
RW Powder Coatings Ltd		Northern Ireland Location and Key Facts	105
SAM Agraciago (NI)	70		



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 Advanced Manufacturing and Innovation Centre (AMIC), 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.

Future Flight / Advanced Air Mobility

Northern Ireland's civil aerospace cluster boasts the UK's only full aircraft design, build and test capability in Spirit AeroSystems with strong supply chain capability in lightweighting and precision manufacture. It is also home to a thriving innovation ecosystem with the UK leading R&D cluster on Digital Twins led by the Digital Catapult's Designed Smarter Digital Twin Centre, the Global Innovation Institute & ECIT world class in cyber security and AMIC. Dual access to both EU and UK markets makes Northern Ireland the ideal place for global AAM businesses to assemble and distribute aircraft for the UK and EU markets. Additionally, due to its national infrastructure and scale and land border, Northern Ireland is positioned as an ideal testbed for Advanced Air Mobility.

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 EU, arrangements
 agreed between the EU and the UK give companies
 based in Northern Ireland a unique advantage.
 Northern Ireland benefits from full market access to the
 EU, but also seamless market access to the GB market.
 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 established businesses can operate
 free from customs forms or declarations, rules of origin
 certificates issues and non-tariff barriers on the sale of
 goods to both GB and the EU.
- This is a unique position within the UK, with businesses located in Northern Ireland benefitting from full, unfettered access to both the EU and GB markets.
 This is particularly advantageous for manufacturers who wish to service both markets, recalibrate supply chains, or design, develop and sell products across key industries including aerospace, electronics and machinery.
- 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.

 $oldsymbol{4}$



Established Capabilities & Technologies



PRECISION MACHINING



COMPOSITIES/ 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



ADS Group Ltd

Core Activities

National Trade Association for the Aerospace, Defence, Security and Space Industries

Year Established

Employee Number 51 - 249

Annual sales \$1 - \$5m

Contact Dr Leslie Orr

E:leslie.orr@adsgroup.org.uk T:+44 (0) 28 9046 8296 W:www.adsgroup.org.uk

Address

Airport Road BELFAST BT39DZ

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





turnaround time with consistent quality. The plant is equipped with the best

technology, extraction, filtration and effluent treatments which meet all current and future environmental

directives and legislation.





Areas of expertise:

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



Aerospace Metal Finishers Ltd

Core Activities

Non-destructive testing, anodising, painting and finishing treatments for the Aerospace and Defence sectors.

> Year Established 2002

Employee Number

Annual sales \$1 - \$5m

Certifications

NADCAP Chemical Treatments NADCAP Non-Destructive Testing

Approvals

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

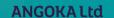
Contact

Roger Smyth E:roger@amfni.com T:+44 (0) 28 2563 1066 W:www.amfni.com

Address Unit 3

11-17 Paradise Avenue BALLYMENA BT423AE

ANGOKA



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).

Contact

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

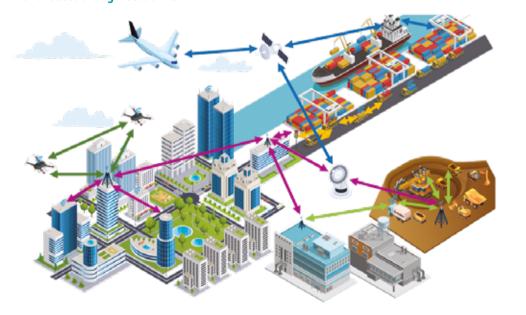
Address

Catalyst
The Innovation Centre
Queen's Road
BELFAST
BT3 9AD

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



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.

GALAHAD

ARLS

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





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

Annual sales

Certifications

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

Approvals

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

Contact

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

Address

Surveyor House 7 Balloo Court Balloo Drive BANGOR BT19 7AT





composite components.

www.boyceprecisionengineering.com

Axis Composites Ltd

Core Activities

Strategic development in advanced textiles/composites.

Year Established 2012

Employee Number

<50

Annual sales

<\$1m

Contact

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

Address

Room 5B08B Shore Road NEWTOWNABBEY BT37 00B 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

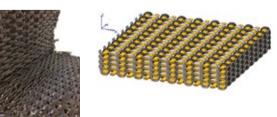
Manufacturing solutions and development programmes are undertaken to produce advanced composites for a broad spectrum of industries.

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







bovce precision ENGINEERING

- 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







Boyce Precision Engineering Ltd

Core Activities

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

Year Established 2006

Employee Number

Annual sales \$1-\$5m

Certifications AS910 REV D SC21 Silver (2 years)

Approvals

Thompson Aero Seating, Collins Aerospace, Thales

Contact

Brian Perry
E:brian.perry@boyceprecisionengineering.com
T:+44 (0) 28 3888 1415
W:www.boyceprecisionengineering.com

Addı

16 Charlestown Drive Portadown CRAIGAVON BT63 5GA

12

BRADFOR

Bradfor Ltd

Core Activities
Aircraft Seat Covers

Year Established

Employee Number 51-249

Annual sales \$5-\$10m

Certifications

SC21 Silver

Investors in People Silver award EFOM 5 Star

Part 21G

Approvals

Collins Aerospace Kilkeel, Winston Salem, Leighton Buzzard

Contact

Patricia Clements E: patricia@bradfor.co.uk T: +44 (0) 28 4173 8835 W: www.bradfor.co.uk

Address

Forestbrook Mill Forestbrook Avenue ROSTREVOR BT34 3BX

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







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

BROLIS

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



Brolis Photonics Solutions Ltd

Core Activities

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

Year Established 2012

Employee Number

Annual sales <\$1m

Certifications ISO 9001 Cyber Essentials Plus

Security cleared staff

Approvals

NATO supplier (NCAGE:0104R)

Contact

Marek Jakobina E: mj@brolis-defence.com T:+44 (0) 78 3561 1517 W:www.brolis-defence.com

> Address Unit A4

Innovation Suite Willowbank Business Park Milbrook LARNE BT40 2SF

1



Butterfly Engineering Ltd

Core Activities Design & engineering of flexible aircraft seating

Year Established

Employee Number

Annual sales

Certifications ADOA (pending)

Contact

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

Address

Unit 1A Concourse 1 Catalyst Queen's Road BELFAST BT39DT

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





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.

CATAGEN

beyond now





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



Catagen Ltd

Emissions testing in the development of new vehicles to meet regulatory standards: Catalyst ageing, Characterisation, Precious Metal Optimisation In development - Net Zero Technologies in: E-Fuel Production, Bio-Hydrogen, Compression, Carbon Capture

Year Established

Employee Number

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

Sonya Kerr E:Sonya@catagen.com T:+44 (0) 28 9045 5100 W: www.catagen.com

Address

Channel Commercial Park Oueen's Road Titanic Quarter BELFAST BT39DT

CCP Gransden

CCP Gransden offers one of the UK's

manufacturing processes in-house,

delivering optimum solutions. Many

in-house capability is combined with

engineering team to support exclusive

experienced operators and a skilled

projects right through from concept

to commercialisation.

widest selections of advanced composites

esteemed customers entrust CCP Gransden

for performance improvement. Substantial



Causeway Aero Ltd

Core Activities

OEM economy seat – PF3000, Turnkey aircraft interior solutions, Integration of design, stress and manufacture of interiors and structures, Supply chain management

Year Established 2000

Employee Number

Annual sales \$1-\$5m

Certifications

AS9100 – Rev D UK CAA 21G – RACE Completions UK CAA 145 – RACE Completions

Approvals

Spirit AeroSystems, Rolls Royce, Boeing – Boeing Global Services, Britten-Norman, Alstom

Contact

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

Address

2 Rathdown Walk Lissue Industrial Estate West LISBURN BT28 2RF

AERO GROUP

Causeway's 'Pitch' PF3000 Economy Seat, end-to end product development for aircraft interiors and structures coupled with strategic and tactical offload offers more than Tier 1 capabilities to OEMs, airlines and leasing companies. Causeway provides a unique partner to support your business growth.

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





Areas of expertise:





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

Employee Number

Annual sales

Certifications

\$5-\$10m

AS9100, IS09001, IS014001, OHSAS18001, ADS SC21 Silver, Cyber Essentials Certified Plus, ADS SC21 Competitiveness and Growth, Innovate NI Platinum Level Innovator, JOSCAR Registered.

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

Contact

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

> Address 17 Moss Road BALLYGOWAN BT236JE





www.clintyregen.co.uk

Centre For

Core Activities

Improvement Programmes, Recognition (EFOM European Excellence Recognition

Year Established

Employee Number

Annual sales

EFQM Committed to Excellence

EFOM Country Partner for Northern Ireland and Ireland ADS Strategic Partner for Northern Ireland and Ireland

Research Institute for Northern Ireland and Ireland)

Contact

Innovation Centre Queen's Road

BELFAST

Competitiveness

Training and Education, Facilitation of

and ADS Aerospace SC21 Recognition)

Certifications

Approvals

(Certified Training and Recognition centre)

Qualified ISO Auditing Country Partner for COTRI (China Outbound Tourism

George Wilson

E:george.wilson@cforc.org T:+44 (0) 28 9073 7950

M:+44 (0) 77 9552 8906

Address

BT39DT

Centre For Competitiveness (CforC) is a membership based, not for profit organisation which focuses on all key areas of Continuous Improvement.

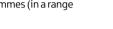
and COTRI.

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

Areas of expertise:

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





better practices.

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



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

Year Established

Employee Number

Annual sales \$1-\$5m

Certifications IPPC licence ISO 9001

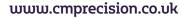
Approvals Spirit AeroSystems

Contact Brian McMillen

E:brian@wilsonresources.net T:+44(0)2890748551 W:www.clintyregen.co.uk

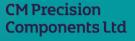
Address

27 Duncrue Street BELFAST BT39AR









Core Activities CNC machining of component parts

Year Established

Employee Number

Annual sales \$1-\$5m

Certifications ISO 9001

Contact

Sean McLaughlin E:sean@cmprecision.co.uk T:+44 (0) 28 4461 9920

Address

4 Brannish Road DOWNPATRICK BT306LL

CM Precision Components has a proven track record of a fast, reliable, efficient and accurate service. It specialises in smaller batches of smaller parts.

precision components Ital



Areas of expertise:

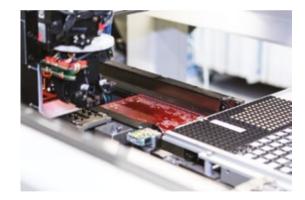
- All aspects of CNC component manufacturing
- Quick turnaround if required
- It will assist with development if required



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

cmass

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

Year Established

Employee Number

Annual sales \$5-\$10m

Certifications ISO 9001 2015 IPC 610/620 Manufacturing Standards

> Approvals **UL** Approved

Contact

Thomas Thompson E:tthompson@cmass-ni.com T:+44 (0) 28 9560 0761 W:www.cmass-ni.com

Address

5A Mc Kinney Road MALLUSK BT36 4PE

22

Collins Aerospace



Collins Aerospace

Core Activities

Year Established

Employee Number

Annual sales

Certifications ISO 9001

ISO 14001 ISO 50001

ISO 22301

Approvals Boeing, Airbus

Contact

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

Address

2 Moor Road KILKEEL BT34 4NG

Collins Aerospace is part of Raytheon Technologies, the largest aerospace and defence company in the world. Its global team dreams, designs and delivers smarter, more connected solutions for passenger safety and comfort, mission success, space exploration, and operational efficiency and sustainability. Collins makes the most powerful concepts

in aerospace a reality.

Areas of expertise:

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







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 garmen 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
- to corporate and public sector clients
- of character nightwear for kids and adults

Employee Number Cooneen at Work - Uniform / workwear managed service, • Cooneen by Design - UK's leading designer and supplier Social Accountability Management System (SAMS)

Contact

Barry McLaughlin E:barry.mclaughlin@cooneen.com T:+44(0)2889521401 W:www.cooneengroup.com

The Cooneen Group Ltd

solutions and police and military clothing

Design & manufacture of innovative body armour

Core Activities

Year Established

51-249

Annual sales

Certifications

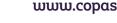
ISO 9001

ISO 14001

ISO 45001

Address 23 Cooneen Road

FIVEMILETOWN BT75 ONE



www.copastechnologies.com

Creative Composites www.creativecom

www.creativecomposites.co.uk

Copas Technologies Ltd

Core ActivitiesManufacturing

Year Established 2006

Employee Number

-30

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

AEROSPACE

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

Employee Number 51-249

> Annual sales \$10m+

> Approvals Thales

Contact

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

Addr

Knockmore Hill Industrial Estate 1 Ferguson Road LISBURN BT28 2FW



Crossen Engineering Ltd

Core Activities

Mechanical / Industrial Engineering

Year Established

Employee Number

Annual sales \$1-\$5m

Certifications

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 BT236BL



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

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

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) 2879642638 W:www.cunningham.com

Glenshane Industrial Park Tobermore Road MAGHERA BT465DR





Datum Tool Design Ltd

Core Activities

Design and manufacture of aerospace & automotive tooling

Year Established

Employee Number 51-249

Annual sales \$5-\$10m

Certifications

ISO9001 ISO45001

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

www.datum-design.com

- 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.

denrou

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, Ultern 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

Employee Number

Annual sales

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) 7583097488 W:www.denroy.com

Address

Balloo Drive Balloo Industrial Estate BANGOR

www.derruprecisiontools.com



Derry Precision Tools

Core Activities

Precision Engineering, Surface finishing

Year Established

Employee Number

Annual sales \$5-\$10m

Certifications

BS EN ISO 9001:2015

Contact

Gerry Doherty E:gerry@derryprecisiontools.com T:+44(0)2871288006 W:www.crossenengineering.co.uk

Address

18 Balliniska Road Springtown Industrial Estate Londonderry BT48 OLY

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



Areas of expertise:

- 3, 4 and 5 axis precision machining employing worldleading equipment & associated technologies.
- Advanced Cleaning Solutions
- Sub-Assembly & Test
- Surface finishing: including Anodising, Blasting, Alocrom & Passivation
- Full supply chain management





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

Employee Number

Annual sales

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

www.donite.com





Core Activities

Industrial thermoforming Toolmaking Value add assemblies

Year Established

Employee Number

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 BT247DU Donite Plastics specialises in the design and manufacture of plastic parts using the thermoforming process. Ireland's leading industrial thermoforming company, Donite Plastics services the aerospace, agri-tech, public transport (namely the bus and coach sectors), construction and material handling, medical and film and television sectors.



Areas of expertise:

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

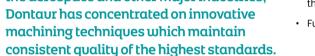






Dontaur PRECISION ENGINEERS

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





The Little

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





www.dontaur.co.uk

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+

CertificationsEN9100:2018
IS09001:2015
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

3/

www.doranengineering.com





www.qub.ac.uk/ecit

Doran Precision Engineering Ltd

Core Activities

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

Year Established

Employee Number

Annual sales <\$1-\$5m

Certifications

AS9100 & IS09001 IS013485 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

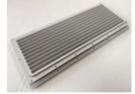
Unit 4 84B,
Dundrum Road Industrial Estate
NEWCASTLE
BT33 OLN

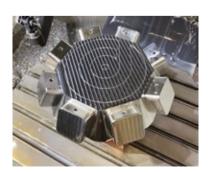


Doran Precision Engineering Ltd specialises in the manufacture of precision components for the aerospace, medical devices, and motorsport industries.

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.



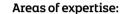




Areas of expertise:

- 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).



- 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

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)

ContactPhilip 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





www.elitees.com

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

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)2890737939 W:www.eae-ni.com

Address

The Innovation Centre Northern Ireland Science Park Oueen's Road Queen's Island BELFAST BT39DT



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.

currently support mechanical and electrical / automation for

to support the AUTOMATION control system & BAE Robot Drilling CELLS.









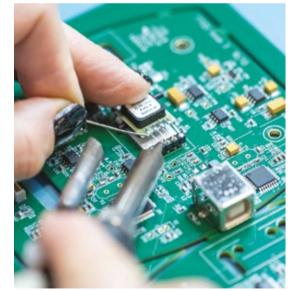
Areas of expertise:

- 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

Employee Number 51-249

> Annual sales \$10m+

Certifications 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







Euro-Composites® S.A.

Core Activities

Production and processing of composite structures and assemblies.

Year Established

Employee Number

Annual sales

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 BT41GW

The EURO-COMPOSITES® Group is a global player within the international aviation industry, delivering; high quality and sophisticaled 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









The company specialises in the end-to-end manufacture and finishing of complex CNC machined components and offers a full cradle to grave solution from DFM, to aid product development and reduce customer costs, through to manufacture, assembly and specialised finishings all under one roof.

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



Areas of expertise:

- Rapid Response CNC machining
- Volume production manufacturing
- Composite part preparation & part finishing
- Specialised wet, dry, chemical and ceramic coatings
- Production line 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 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

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





in the workplace.

FSL Electronics Ltd

Core Activities Design & Manufacturing

Year Established

Employee Number

Annual sales \$1-\$5m

Certifications

BS EN 50081-2 Electromagnetic compatibility generic emission standard BS EN 50082-2 Electromagnetic compatibility generic immunity standard Part 2 Industrial environment 1995

Approvals

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

Areas of expertise:

- Industrial wireless remote controls
- Electronic displays for productivity, site management and health & safety





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.

G ENESIS **AEROTECH**



Areas of expertise:

- Rotary aircraft design, development, prototyping and testing
- Fixed wing aircraft design, development, prototyping and testing

www.genesisaerotech.com

- 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

Employee Number

Annual sales

Contact

Michael Rice T:+44(0)2896002200

Address

67B Carnalea Road Fintona OMAGH

- Design & manufacture of customised PCB's
- Customised electronic solutions for OEM's



BT782JD





www.geeprecision.org

Goudsmit UK

Core Activities

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

Year Established

Employee Number

Annual sales \$5-\$10m

Certifications ISO 9001, AS 9120

Contact

Michael Lyness E:michael@goudsmit.co.uk T:+44(0)2890271001 W:www.goudsmit.co.uk

Address

1st Floor Riverview The Green Tullynacross Road LISBURN BT275SR

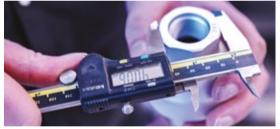
Goudsmit UK is an established subcontract manufacturer supplying quality engineered components into a range of industries. With an established network of logistic partners, backed up with years of experience, Goudsmit UK adds value to clients' supply chain by project managing product requirements from early design stage through to delivery or warehousing.

GOUDSMITUK

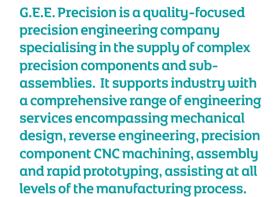


Areas of expertise:

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









Areas of expertise:

- Production of high quality precision components and assemblies
- Multi-axis CNC milling and complex mill turn capacity
- Full multi-axis CADCAM programming capabilities
- Quality control systems and full traceability
- Problem solving, on time delivery and Kanban Analytics







G.E.E. Precision Green Energy Engineering Ltd

Supply of complex precision manufactured components and sub-assemblies

Year Established

Employee Number

Annual sales \$1-\$5m

Certifications AS 9100: Rev D ISO 9001:2015

Contact Jeff Lyttle E:Jeff@geeltd.org T:+44(0)2838820043 W:www.geeprecision.org

> Address 198a Lurgan Road DROMORE BT251HL





IceMOS Technology Ltd

Core Activities

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

Year Established

Employee Number 51-249

Annual sales

Certifications IATF 16949

ISO 9001

Contact

Hugh Griffin E:hughgriffin@icemostech.com T:+44(0)2890573700 M:+44(0)7870606570 W:www.icemostech.com

Address

5 Hannahstown Hill BELFAST BT17 OLT

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





MICROCHIP

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

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

Year Established

Employee Number

Contact

Andrew Patterson E:Andrew.Patterson@Microchip.com T:+44(0)7570322604 W: www.microchip.com

Address

Innovation Factory 385 Springfield Road BELFAST BT127DG

www.ipcmouldings.com



MOULDINGS

IPC Mouldings

Core Activities

Year Established

Employee Number

Annual sales \$1-\$5m

Certifications ISO 9001 AS 9100

SC21 Gold EFQM 5 Star

Approvals Collins Aerospace

Contact

Graeme Bennett

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.





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 Areas of expertise: solutions that give defence organisations Intelligent locating solutions

kinsetsu

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.

hello now.

- · 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

Year Established

Employee Number

Annual sales

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)2895219091 W:www.kinsetsu.co.uk

Address

Unit A4 Harbour Court 5 Heron Road BELFAST втз энв





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

Employee Number

Annual sales \$10m+

Contact

Gary Connolly E:gconnolly@kx.com T:+44 (0) 7885 969 260 W:www.kx.com

Address

BT356BP

Head Office Brian Conlon House 3 Canal Quay NEWRY

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





KYOCERa

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

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

Year Established

Employee Number

Annual sales

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) 2870340672 M:+44 (0) 78 5060 4657 W:www.kyocera-avx.com

Address

Hillmans Way COLERAINE BT522DA





www.magellan.aero

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

Employee Number

Annual sales \$1-\$5m

CertificationsIS09001:2015
IS013845:2016

Contact

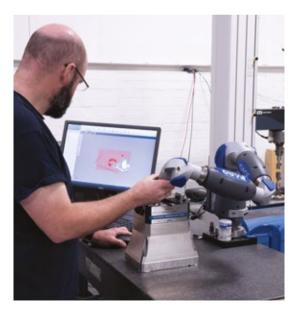
Campbell Evans E: Campbell@laserproto.com T:+44 (0) 28 9070 6940 W: www.laserproto.com

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

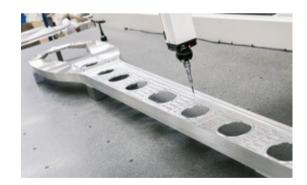






Magellan Aerospace develops and produces complex and integrated products and services that bring value to customers, serving the civil aerospace and defence markets across the globe.

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 Manuafacturing
- Access to Magellan global expertise, resources and capabilities





Magellan Aerospace (Greyabbey) Ltd

Core Activities

Year Established 1964

Employee Number 250+

Annual sales

Certifications

ITAR, AS9100 – GB99/50891 + IS014001 – GB07/71965

Approvals

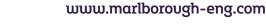
Airbus, Boeing, BAE Systems, GKN Aerospace, Spirit AeroSystems

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



Mc**GREE**

www.mcgreevyengineering.co.uk



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: Imacdonald@marlborough-eng.com

T:+44 (0) 73 4053 6840

W:www.marlborough-eng.com

Address

67 Sydenham Road BELFAST

BT41SE

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

invar and mild steel.

Areas of expertise:

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









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

Utilising advanced manufacturing technologies, the company delivers service excellence and cost 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

Year Established 1980

Employee Number

Annual sales \$1-\$5m

Certifications
AS9100:2015 Rev D

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

Addres

Maryland Industrial Estate Ballygowan Road BELFAST BT236BL

54 |



McKenzies (NI) Ltd

Core Activities

Metal recovery, Recycling & Export Producer of aluminium ingots

Year Established

Employee Number 51-249

Annual sales

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



McKenzies is Northern Ireland's leading metal recovery and recycling specialist providing services to the aerospace, manufacturing and precision engineering sectors generating above market revenues for customers from waste metal products.

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







Areas of expertise:

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





⊗mflogistics

Areas of expertise:

- UK to Ireland road freight
- Europe to UK/Ireland transportation
- Airfreight solutions
- 4PL management





MF Logistics UK Ltd

Core Activities

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

> Year Established 1968

Employee Number

Annual sales

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

Employee Number

Annual sales \$1-\$5m

CertificationsMachinery Safety CE

Contαct Rob Moran E:rob@motean

E:rob@moteam.co.uk T:+44 (0) 7764 448 808 W:www.moteam.com

Address

11E Chapel Road CRUMLIN BT29 4LY Mo Team has international engineering expertise in various industries including equipment test and certification electronics manufacturing, IT and telecoms, brewing and drinks packaging and diary. Mo Team specialises in plant equipment automation, utilities, energy efficiency, carbon footprint reduction, manufacturing IT, strategic capital investment, performance optimisation, cost saving and value engineering.



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

Areas of expertise:

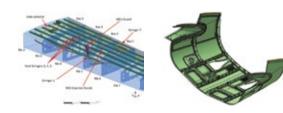
- Turnkey automation
- Machine building
- Machinery/safety/&CE
- PLC servo drives instrumentation RFID
- Process control engineering

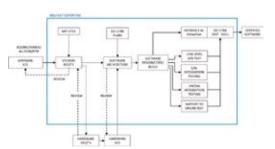




Morson Projects is a reputable multidisciplinary engineering consultancy with over 40 years' experience across the UK and overseas.

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

Annual sales

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

Addre

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

- 50

Moyfab Tool Company Ltd

Core Activities

Manufacturing, precision sheetmetal and machining

Year Established

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.movfabtool.com

Address

215 Moyadd Road Kilkeel NEWRY BT34 4HL

Moufab 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 sheetmetal 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 leads the market in the provision of machined and assembled precision components through its commitment to:

MOYOLA

Precision Engineering

- 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 CADCAM 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

Employee Number

Annual sales

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

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 Semple E:mark@moyola.com T:+44 (0) 2879469349 W:www.moyola.com

Address

4-8 Curran Road CASTLEDAWSON BT458AF

THE NACELLE GROUP

www.nacellesystems.com



www.niprecision.com

Nacelle Systems Consultancy Ltd

Core Activities

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

Year Established

2005

Employee Number

Annual sales \$1-\$5m

Certifications

IS09001

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

BT358XF

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

Employee Number

Annual sales \$1-\$5m

Certifications
AS9100D
IS0 9001
IS0 13485

Contact

Stefan Cherry E:stefan@niprecision.com T:+44 (0) 797753 4475 W:www.niprecision.com

Addı

Lissue Industrial Estate Moira Road LISBURN BT28 2RE

67



Northern Ireland Technology Centre, Queen's University Belfast

Core Activities

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

Year Established

1968

Employee Number

Annual sales \$10m+

Contact

Colm Higgins E:c.j.higgins@gub.ac.uk T:+44 (0) 29 9097 4330 M:+44 (0) 78 0141 6901 W:www.gub.ac.uk

Address

Cloreen Park Malone Road BELFAST BT95HN

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







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

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



nitronica

www.nitronica.com

Nitronica Ltd

Core Activities

Electronic manufacturing and assembly services

Year Established

Employee Number 51-249

Annual sales

Certifications ISO 9001

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 BT248AN

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:

- Cable assembly
- · Electro-mechanical box build
- Panel build

Full product build







PCB assembly



PAC

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

Employee Number

Annual sales \$5-\$10m

Certifications

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

Contact

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

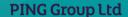
Address

Units 35-37 Somerton Industrial Park Dargan Crescent BELFAST BT39JB





www.pinggroup.co.uk



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

Employee Number

Annual sales \$1-\$5m

Certifications

ISO 9001 (pending)

Approvals

HMRC

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

www.pinnaclegrowth.group

- 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

Employee Number

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 BT281XN



www.plaswire.com





Core Activities

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

Year Established

Employee Number

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 OJZ 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

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



batch production.





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

PLASWIRE 5

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) 7813695316 W:www.plaswire.com

Address

3 Halfpenny Valley Industrial Estate LURGAN BT66 8TP

QUALITY BI.UE

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

Employee Number

Annual sales

Certifications

Certified QMS to ISO9001:2015, CQI-IRCA Certified Principal Aerospace Auditor, COI-IRCA Certified Principal OMS/9001/27001 Auditor. Certified EFOM 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.gualityblue.uk

Address

Quality Blue House NEWTOWNARDS BT236XA

DRIVING PERFORMANCE

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; IS027001; 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





Certified Recognition Organisation





www.gualityblue.uk



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.

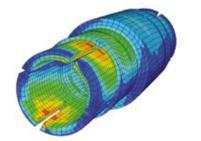




Areas of expertise:

- 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

Annual sales

Approvals

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

Contact

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

> Address University Road

BELFAST BT71NN



www.mapal.com www.raineys.co.uk www.c-com.net

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

Employee Number

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

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





TESTING LIMITED

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

www.ResonateTesting.com

- 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

Vibration and shock SRS and pyro shock

Core Activities

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

Employee Number

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 BT35 8XF



RLC UK Ltd

Core Activities

Aerospace Mechanical Manufacture. Assembly & Processing

Year Established

Employee Number

Annual sales

~£120M

Certifications

Full Nadcap approval for non-destructive

and wet processing

ISO 14001

ISO 45001

AS9100

Approvals

Full range of aerospace customer specific approvals

Contact

Paul Coates

E:paul.coates@rlc-group.com T:+44(0)2890834460

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 £100Mp/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.



- Mechanical manufacture
- Processing
- · Supply chain management
- Logistics & kitting





Areas of expertise:

- New product introduction





RTA

SUPPLY CHAIN SOLUTIONS

RTA is a supply chain harmonisation

part number consolidation services

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.

partner that provides supply chain and

with an emphasis on delivery, quality,



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

Employee Number

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

Collins Aerospace and Thompson Aero Seating

Contact

E:dominichannon@rtaintl.com T:+44 (0) 28 4176 9800 W:www.rtaintl.com

Address

7 East Council Road BT34 4ZR



www.rwpowdercoatings.com

SAM Aerospace/

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

RW Powder Coatings Ltd

Core Activities

Powder coating

Year Established

Employee Number

Annual sales \$1-\$5m

Certifications

AS 9100:2016

Approvals

Thompson Aero Seating, Collins Aerospace

Contact

Caroline Webb E:caroline@rwcni.com T:+44(0)2890449310 W:www.rwpowdercoatings.com

Address

46 Hillsborough Road Comber NEWTOWNARDS BT235PW

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





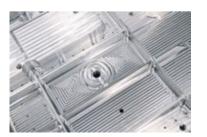
JW Kane is at the forefront of technology in machining and is dedicated to the continuous improvement of its manufacturing and service delivery processes. It offers:

- 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







Core Activities

JW Kane Engineering Ltd

CNC Machining 3, 4, 5, & 7 Axis Complex Milling

Sub-Assembly Year Established

SAM Aerospace (NI)

Employee Number

Annual sales

Certifications

SC21 Silver Award (7 years)

ISO 45001

EFOM Five Star Award

Approvals Spirit AeroSystems, Bombardier Aerospace, Safran

Contact

Ian Murray E: ian.murray@jwkane.co.uk T:+44 (0) 74 3617 5196 www.jwkane.co.uk

1 Charlestown Crescent Charlestown Road Industrial Estate PORTADOWN BT635ZE

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

Employee Number

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

Approvals

NASA award for outstanding innovation and technical development.

Contact

Rita Malosti E:rita.malosti@skvtek.com T:+44 (0) 7554181136 W:www.skytek.com

Address

Clockwise Riverhouse 48-60 High Street BELFAST BT12BE



One Platform To Validate, Mana

And Predict Insurance Risk

www.skytek.com

• Earth observation cloud based data processing

Procedural and information sharing/exchange

Web based earth observation data access

skytek

Skytek is a leading provider of costeffective 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.

react



Areas of expertise:

and visualisation

web-based applications

Commercialisation of research

· Intelligent procedure and decision

between multiple parties

support applications







SMITHS

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

www.smiths-engineering.com

- · 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

Employee Number

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 BT423HB



Speedlink NI Ltd

T/A Speedlink International Logistics

Core Activities
Transport & Logistics

Year Established 2010

Employee Number

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

Nutra 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.

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





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 ActivitiesDesign and manufacturing

Year Established

Established as Short Brothers in 1908

Employee Number

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

Approve

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

B1294J

Springco

HIGH QUALITY SPRING MANUFACTURER

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

Annual sales \$1-\$5m

Certifications

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

Address

21 Carn Road

PORTADOWN BT635WG

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





- with any spring design required
- new equipment
- Positive material identification Ensure your material is in accordance with your material certificate from customer



www.springco.co.uk





Areas of expertise:

- Spring design Its team of experts can help
- Spring manufacture Major investment in





Areas of expertise:

Survitec

SURVIVAL TECHNOLOGY

Survitec is a global leader in survival and

safety solutions to the marine, defence,

aviation and offshore markets. Survited

has over 3,000 employees worldwide

15 offshore support centres and over

supported by a network of over 500

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.

70 owned service stations. It is further

3rd party service stations and distributors.

covering eight manufacturing facilities,

- 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

Employee Number

Annual sales

Certifications ISO 9001:2000 AS 9100

Approvals FAA. EASA. CAA. DAOS

Contact

Martin Beagan E:martin.beagan@survitecgroup.com T:+44 (0) 7810 527 148 W:www.survitecgroup.com

Address

Kingsway Dunmurry BELFAST BT179AF





www.thalesgroup.com/UK

Technical Metals Ltd

Anodising, beadblasting, passivation & engineering solutions to customer requirements.

Year Established 1984

Employee Number

Annual sales \$1-\$5m

Certifications

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

Technical Metals Limited offers customers a wide range of engineering solutions Core Activities 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 Areas of expertise:

THALES

Building a future we can all trust

for missile systems design, development

group. From its Belfast site, Thales is the

range weapon systems for over 60 years.

and manufacturing within the Thales

world's leading provider of very short

Belfast is also home to Thales's global

Space Electric Propulsion Integration

investment. The centre was located in

on site, which were developed through

Belfast due to the high precision

its defence business alongside

engineering skills already present

Invest Northern Ireland investment.

Centre, delivered in 2016 with a £6 million

- 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

• Part of the Thales Group – a global company with

- UK leader of Lightweight missile systems
- Northern Ireland leader in R&D and engineering innovation

Contact

Thales UK Ltd

Core Activities

Engineering

Annual sales

Certifications

IIP Gold Award

AS 9100

ISO 9001/14001/18001

Manufacturing

Year Established

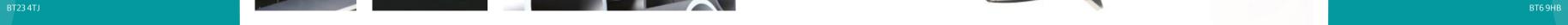
Employee Number

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







www.thyssenkrupp-materials.co.uk

Thompson Aero Seating Ltd

Core ActivitiesBusiness Class seats

Year Established

Employee Number

Annual sales

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

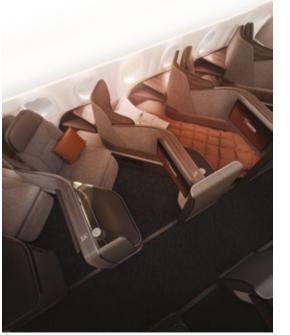
Airbus (A320F, A330, A340, A350 and A380) and Boeing (B737, B757, B767, B777 and B787)

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 50E 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.



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

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.

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

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





A TRADING STYLE OF TRIMITE LTD (BELFAST)

Trimite Ltd
T/A Trimite Global
Coatings (TGC)

Core Activities

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

Year Established

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

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







Ulster University

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

www.ulster.ac.uk

- Embedded systems sensors and data analytics
- Process simulation and materials modelling
- Nanotechnology and plasma



Ulster University

Core Activities
Education and research

Year Established

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 BT521SA

www.upmet.com



United Performance Metals Ltd

Core Activities

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

Year Established

Employee Number

Annual sales

Certifications

ISO 9001:2008 AS9100:2009 AS9120RevA. PWA 1191&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 BT237HH

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







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

Areas of expertise:

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





www.vitamaterials.com

Vita Materials Ltd

Core Activities

Technical foam conversion; fabrication and lamination of foam products

Year Established

Employee Number

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)874190345 W:www.vitamaterials.com

Address

15-18 City Business Park Dunmurry BT17 9GX

WHISKIN PRECISION ENGINEERING www.whiskinprecision.com

Whiskin Precision Engineering

Whiskin Precision Engineering Ltd

Core Activities

Jigs and fixtures design and manufacture Reverse engineering

Year Established 2001

Employee Number

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 BT57TX

www.whiskinprecision.com

manufactures high quality precision

engineered multi-axis milled and turned components from specialised parts to batch production.

It supplies global businesses in aerospace, defence and security sectors. Combining traditional engineering techniques with the sophistication of modern technology, it offers a complete engineering service.

Areas of expertise:

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











Yelo designs and builds electronic test equipment including:

yelo

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



Yelo Ltd

Core Activities Design & manufacture of electronic test equipment

Year Established

Employee Number

Annual sales

\$1-\$5m

Certifications ISO 9001

TEST ENGINEERING SOLUTIONS Burn-in Testing / Bed of Nails Testing / Bespoke Testing Equipment / Build to Print



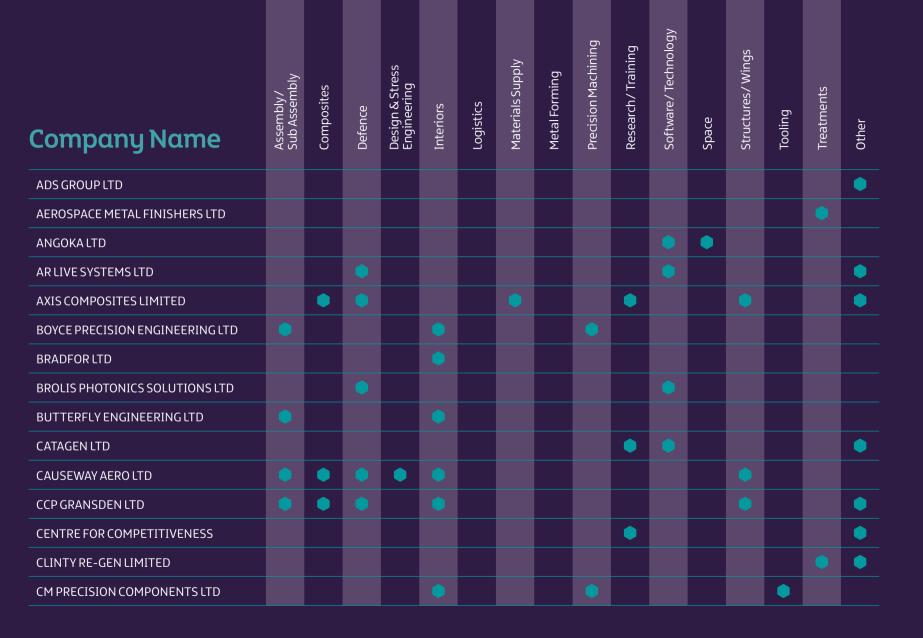
Contact

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

Address

Trooperslane Industrial Estate 20 Meadowbank Road CARRICKFERGUS BT388YF

Capability Matrix



96 \mid 97

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/Technoloo	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/Technolog	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	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																•
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 tailormade 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.co

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103

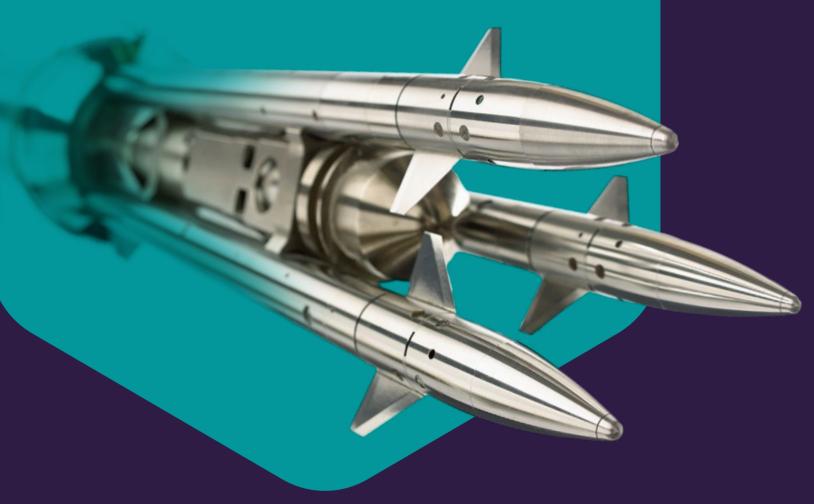
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102 |





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