CARFULAN
GROUP

Shaping the Future of Manufacturing **Together.**

A Message from our Founder

When we founded Carfulan Group in 1991, we did so with a clear and simple purpose – to provide UK and Irish manufacturers equipment and systems to aid them in their drive to create world-class components. It sounds straightforward, but behind that purpose was a deep belief that British and Irish manufacturing had extraordinary potential, and that the right technology, in the right hands, could unlock it.



We identified a requirement to supply manufacturers, who were striving for precision, efficiency and quality, with superior equipment and world class support to help them achieve their ambitions. Our management team saw an opportunity that was not just commercially driven but one with a genuine chance to make a meaningful difference to the way industry produced products.

Our strategy involved seeking out world leading brands that could provide advanced technology at each stage of a products lifecycle, this included design, development, production and quality control. We selected partners that had machinery and software that pushed the boundaries in their field, partners that had an ethos of 'continual development' where they designed their hardware and software in house using Industry feedback to steer their efforts. We chose partners that embraced a 'customer first' supporting us to deliver that world class support we strived to achieve.

Our advanced strategy was to provide each partner with dedicated engineering resources, each one receiving specialist sales and support personnel. Our partners had the assurance that their products would be specified and configured correctly, Our customers receive 'manufacturers standard support', a support that not only meets but exceeds our Partners expectations. More than three decades on, I am immensely proud of what Carfulan Group has become. Our people bring a depth of knowledge and passion that I believe is second to none. The partners we represent sit at the very forefront of their respective fields. And perhaps most importantly, the relationships we have built with our customers over the years are ones built on trust, integrity and a genuine commitment to their success. Those relationships are the heartbeat of everything we do.

None of this has happened by chance. It has taken dedication, resilience and an unwavering belief.

We are fortunate to work with fantastic UK and Irish companies that lead the world in their particular sectors and advance the way we lead our lives. It is truly humbling to be part of these great technological advancements and to witness first hand what advanced manufacturers can achieve when they have the best tools at hand.

This brochure is not simply a reflection on where we have come from. It is an invitation to look forward.

Manufacturing is at an exciting crossroads. The technology available to today's manufacturers is more powerful, more precise and more accessible than at any point in history. Those who embrace innovation, who invest in the tools and knowledge to work smarter will be the ones who define the future of our industry. I firmly believe that.

My call to every manufacturer reading this is simple: we are ready to help, we have a wealth of experience and an extended family of partners that are ready to help you be push boundaries. The world is moving quickly, and the opportunity to lead rather than follow has never been greater. We are here to help you seize it.

Thank you for taking the time to read this brochure. I hope it inspires you.

Andrew Fulton | Founder

Customer first means everything we do starts with our customers. We focus on serving them better, supporting their success, and growing together.

Our unwavering focus is on delivering exceptional value to our customers. Every decision, every action, and every innovation is guided by our 'Customer First' mindset. We are committed to deepening relationships, exceeding expectations, and driving mutual success. By putting our customers at the heart of everything we do, we build trust, loyalty, and lasting partnerships.

The story

It started with a simple belief manufacturers deserved a partner they could genuinely rely on. That belief brought Andrew and Angela Fulton to a small unit in Derbyshire in 1989. It's the same belief that drives everything we do today.

The obsession

Understanding our customer's operation. Their pressures. Their goals. We're not here to sell them a solution and move on, we're here to make sure the technology we put on their shopfloor actually makes a difference.

The ethos

Family-founded. Family-run. Built on honest conversations. Just clear, straightforward advice from people who care about getting it right - every time.

The growth

2 people became 65. One van became five divisions. A handful of customers became 1,500+. Growth we're proud of, built on customers who trust us.

The vision

To create one relationship that covers everything our customers need on their shopfloor. Metrology, additive manufacturing, tool management, shopfloor software, all from one team that knows customers' businesses inside out.

The invitation

We love to meet customers on their terms. Visit us at our Advanced Innovation Centre in Derby and see every technology running live. Or let us come to you, we'll bring the equipment to your shopfloor and show exactly what it can do for your operation.



Chris Fulton | Managing Director



Matt Fulton | Managing Director

One Partner. Every Technology. Total Focus on You.

Five world-class technologies.
One team. One relationship built entirely around you.

From multi-sensor metrology and tool presetting to turned part measurement and industry-leading 3D printing, the Carfulan Group delivers solutions that optimise every stage of the production process. Our technologies enable manufacturers to measure more accurately, design more freely and produce more efficiently.



Carfulan Headquarters, Derby

WHAT DOES THE **CARFULAN GROUP** DO?

Multi-Sensor Metrology
Measure everything your operation produces from the smallest micro-component to large complex assemblies. One system, one setup, one report. Less time inspecting, more time manufacturing.

3D Printing
Prototype in hours not weeks. Print the jigs, fixtures, and tooling your shopfloor needs faster and cheaper than machining them. Totally unmanned. If you can design it, we can help you print it.

Tool Presetting
Get the right tool data to the right machine, every time. Your CNC keeps cutting while tools are set offline meaning fewer trail cuts, less scrap and more output.

Turned Part Measurement
Inspect shafts, screws, valves, and cylindrical components optically, right next to your turning cell, in seconds.

Shopfloor Measurement
Get the measurements you need in seconds. Any operator, any material, multiple parts measured simultaneously to deliver real-time inspection results exactly where production happens.

Explore Carfulan

WHY ONE GROUP **MATTERS**

One relationship
We know how frustrating it can be dealing with multiple suppliers each one only seeing part of the picture. With the Carfulan Group, you get one team that understands your whole operation. A team that remembers the details, follows things through, and is genuinely invested in getting it right for you.

One location
Everything you need to make an informed decision is waiting for you at our Advanced Innovation Centre in Derby. Every technology running live, on real parts, with the people who know them inside out. Come and visit us and leave knowing exactly what's possible for your operation.

One team
65 specialists engineers, application experts, and service professionals all under one roof, all talking to each other. We're not just a supplier we're an extension of your company. When you need support, we're there for you to talk to. Talk to someone who knows your business and genuinely wants to help.

Cross-technology expertise
Most suppliers see one machine. We see your whole operation. The connections between your measurement, tool management, production, and data that's where the real opportunities are. And because we cover every discipline, we're uniquely placed to help you source the best solutions.

Your Shopfloor. Our Technology.

We don’t just supply technology. We work with you to put the right solution in exactly the right place so your whole operation performs better.

Every technology has a place. Every place has a purpose. The Carfulan Group can connect them all.

ZOLLER
expect great measures

Tool Room / Pre-Staging Area

Tools measured and set offline. Data transferred directly to your CNC controllers. Your machines keep cutting uninterrupted, right first time.

VICIVISION

Next to the Turning Cell

Turned parts measured optically, directly off the machine, in seconds. No lab. No waiting. No interruption to production.

ogp UK

Quality / Inspection Department

Automated multi-sensor measurement routines, driven by your 3D CAD. Consistent, repeatable results every part, every shift, every operator.

sys

Design Office / Tool Room

3D print jigs, fixtures, tooling aids, prototypes, and end-use parts in hours, not weeks. Manufacture in a fraction of the time compared to traditional methods.

metrios

Next to Production

Place a part. Press go. Get instant measurements in seconds. User friendly, suitable for any operator, zero training required. Real-time results exactly where your production happens.



> “The ability to measure multiple features on a number of samples in one set-up has provided significant programming and cycle time savings.”
> **- RA Labone**

Measure Everything. Miss Nothing.

Your parts don’t have simple geometry.
Your measurement system shouldn’t have simple capability.

WHAT OGP BRINGS TO **YOUR SHOPFLOOR**

One machine. Every sensor

Video, touch probe, laser, and 3D scanning all in a single automated routine. No more moving parts between instruments. No more losing time on multiple setups.

Measure what others can’t

Complex geometries, micro-features, internal dimensions if it needs measuring, OGP can reach it.

Your CAD drives the measurement

Import your 3D model, click a feature, measure it. The software guides the routine not the operator’s experience or memory.

Same result. Every shift. Every operator

Automated routines eliminate human variability completely so whoever’s running the machine, the answer is always the same.

Catch problems in production, not after it

Real-time SPC data flags trends before parts go out of tolerance correct the process, not the scrap bincoverage matter.

One system replaces many

CMM, profile projector, optical comparator, surface measurement solutions all consolidated into one machine meaning one calibration, one service contract.

WHAT IT MEANS FOR **YOUR BUSINESS**

Inspection times cut dramatically

More throughput, less bottleneck.

Scrap and rework costs reduced

Problems caught early, not at final inspection.

Lower capital spend

One multi-sensor system replaces multiple single-purpose instruments.

Reduced training time and operator dependency

Anyone can run a CAD-driven routine.



Design More Freely. Manufacture More Efficiently.

> “SYS Systems have been instrumental in our ability to rapidly prototype and deliver small batch product.”
> **- Spectra**

The world’s leading manufacturers don’t wait weeks for machined tooling. They print it overnight and run production in the morning.

WHAT SYS BRINGS TO **YOUR SHOPFLOOR**

Print your fixtures overnight. Run production tomorrow

Get custom jigs, fixtures, and tooling printed in just 24 hours. No more waiting weeks for delivery from a machine shop.

Slash your tooling costs dramatically

Manufacturers are reporting savings of £60,000 to £230,000 per year just from switching jigs and fixtures to additive.

Totally unmanned

Run builds overnight, over weekends, without a single operator your printer works while your team doesn’t have to.

Sell parts your competition can’t make

Stratasys certified materials are qualified by Boeing, Airbus, and the US Air Force for flight-critical components. Over 200,000 certified Stratasys parts are flying on Airbus aircraft right now. Open up new opportunities with additive manufacturing.

Achieve geometry that machining simply can’t achieve

Internal channels, lattice structures, consolidated assemblies, parts that would be impossible or prohibitively expensive any other way before you invest.

3D printing service

We’ll print your parts, design your fixtures, and prove the ROI before any commitment is made.

WHAT IT MEANS FOR **YOUR BUSINESS**

Tooling lead times cut from weeks to hours

Production never stops waiting for a fixture.

Tooling costs reduced dramatically

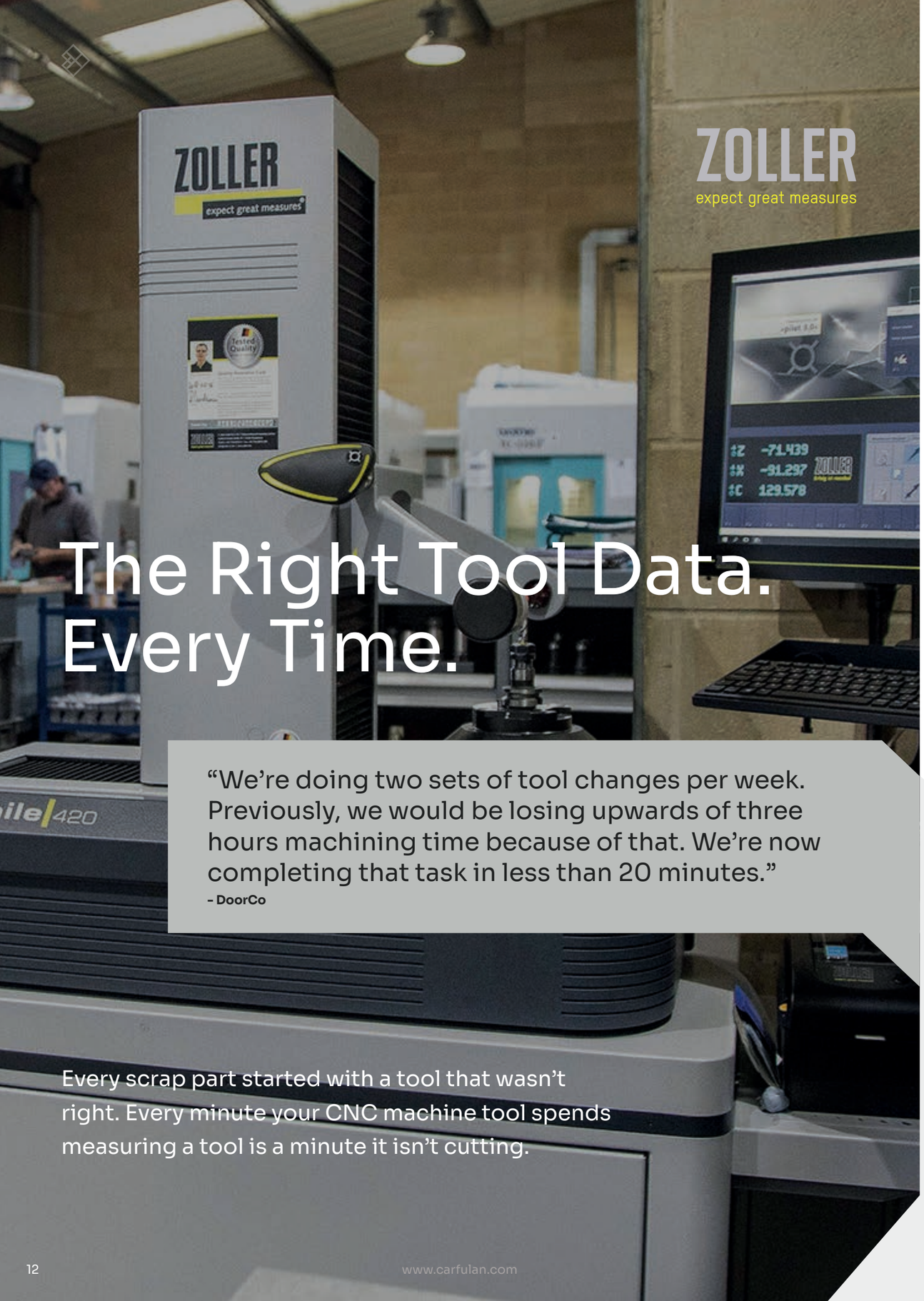
Print only what you need, when you need it.

New revenue opportunities

Certified materials open doors to aerospace, defence, and medical customers.

Unmanned overnight production

Output without headcount.



The Right Tool Data. Every Time.

"We're doing two sets of tool changes per week. Previously, we would be losing upwards of three hours machining time because of that. We're now completing that task in less than 20 minutes."
- DoorCo

Every scrap part started with a tool that wasn't right. Every minute your CNC machine tool spends measuring a tool is a minute it isn't cutting.

WHAT ZOLLER BRINGS TO **YOUR SHOPFLOOR**

Tools set offline. CNC machine tools keep cutting

Measure and set tools away from the machine zero interruption to production.

Right first time, every time

Accurate tool data means fewer trial cuts, less scrap, less waste.

Data straight to any controller

Tool offset data transferred directly to any and every CNC controller no manual entry, no risk of human error.

Know where every tool is

Full tool management — condition, location, and replacement schedules all in one place.

Consistent results, any operator

Automated measurement removes variability so whoever's on shift, the result is always the same.

The ZOLLER Process

Preset – Measure and set every tool offline to exact specification.

Shrink – Precision thermal tool clamping for maximum accuracy.

Balance – Eliminate vibration for better surface finish and tool life.

Manage – Know every tool's condition, location, and history.

Store – Organised, traceable tool storage nothing lost, nothing forgotten.

Deliver – Offset data sent directly to your CNC machine tool. Automatically.

WHAT IT MEANS FOR **YOUR BUSINESS**

CNC machine tools running longer, cutting more

Fewer trial cuts and less scrap

Full digital traceability from tool setup to finished part

Achieve right-first-time parts, everytime.

Trusted by The UK's Leading Manufacturers

Over 2,000 customers across every manufacturing sector.
Here are some of the names that trust the Carfulan Group.

AEROSPACE

Carclo
AIRBUS
GE
GKN AEROSPACE
ROLLS ROYCE
Honeywell

AUTOMOTIVE / F1

F1
Ford
JLR
KS COMPOSITES
TOYOTA

EDUCATION

CITY OF WOLVERHAMPTON COLLEGE
UNIVERSITY OF OXFORD
UNIVERSITY OF SURREY
UNIVERSITY OF CAMBRIDGE
University of Sunderland

PRECISION ENGINEERING

benham PRECISION ENGINEERING
Beverston Est. 1974
TOTAL PRECISION
ENFPRECISION ENGINEERING
VISION precision engineering
TRUST PRECISION ENGINEERING LTD

DENTAL & MEDICAL DEVICE

ambridge ceramics
CANCER RESEARCH UK
BANT DENTAL DIGITAL DENTAL LABORATORY
NHS Sheffield Teaching Hospitals NHS Foundation Trust
BD
polymer medics

DEFENCE

THALES
SPECTRA Group
BAE SYSTEMS
LEONARDO
Ministry of Defence

PLASTICS & RUBBER

COSTER
THE PLASTEK GROUP
dp seals
HellermannTyton
OWEN MUMFORD
RUTLANDPLASTICS Right People Right Partner
Unilever
MARTIN'S RUBBER COMPANY
Hallite
Labone



> “VICIVISION gives us complete confidence and flexibility with our inspection, enabling us to deliver perfect parts consistently.”
> **- Hi-Spec Precision Engineering**

Every Turned Part. Measured in Seconds.

Solve complex geometries in one cycle directly on the shopfloor and capture thousands of unique data points every second.

WHAT VICIVISION BRINGS TO **YOUR SHOPFLOOR**

Solve complex cylindrical geometries in a single cycle

Capture thousands of turned part precise data points every second for fast, reliable shopfloor inspection.

Press go. Get results

Any operator, zero training, instant pass/fail full digital report included.

Reduce scrap

Real-time tool wear trends let you correct the process before parts go out of tolerance.

One machine. Multiple lathes

A single VICIVISION serves several turning centres simultaneously directly on your shopfloor

Threads, screws, bolts, camshafts, turbines, valves

Automatic measurement of turned threads, fittings, screws and bolts in seconds.

Hundreds / Thousands of hours saved per year

Every batch. Every shift. Every operator. Speed up your inspection capabilities.

WHAT IT MEANS FOR **YOUR BUSINESS**

ROI typically within six months

Driven by reduced inspection time, lower scrap rates, and faster decision-making directly on the shopfloor.

Up to 37% improvement in production efficiency

Remove bottlenecks in inspection, reducing downtime, and accelerating quality feedback loops on the shopfloor.

Scrap and rework slashed

Earlier defect detection and real-time feedback that prevents issues from progressing through production.

Full digital traceability

Ensure every measurement is recorded, accessible, and linked to each part for complete quality control and audit readiness.



> “Real-time results, right where we need them it’s changed how our shopfloor works.”
> **- CNF Precision Engineering**

Rapid Shopfloor Measurement. Place It. Inspect It. Trust It.

The fastest, simplest shopfloor measurement machine you’ll ever need. Carry out comprehensive inspections directly on the shopfloor in seconds.

WHAT METRIOS BRINGS TO **YOUR SHOPFLOOR**

Place a part. Press go. Done

Automatic position detection. Full pass / fail reports in seconds.

2.5 micron accuracy

Built for the shopfloor. No need to put in a metrology room.

Any material. Any shape

Measure via non-contact meaning no damage risk to parts.

Multiple parts. One scan

Load several components simultaneously all measured in a single cycle

Built for the harshest environments

Made from rugged steel with built in temperature compensation. Vibration compensation. Auto-calibration.

From micro-components to 20kg parts

Achieve the same high-precision inspection capability across a wide range of sizes without compromising on speed or accuracy.

WHAT IT MEANS FOR **YOUR BUSINESS**

Replaces profile projectors, callipers, height gauges

One machine, one investment.

Any operator measures confidently

With guided workflows and automated analysis ensuring consistent, reliable results regardless of experience level.

Full digital traceability

Ensure every measurement is recorded, accessible, and linked to each part for complete quality control and audit readiness.

Defects caught in production, not at final inspection

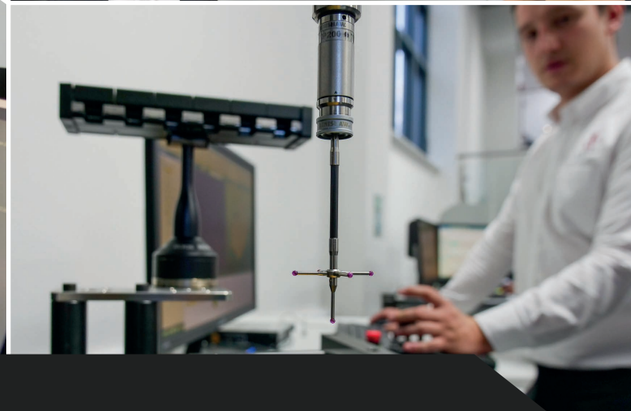
Enable immediate correction that reduces scrap, prevents downstream issues, and keeps manufacturing on track.











> “It’s the products that drew us in, but it’s the service that’s going to keep us.”
> **- Preci-Spark**

We’re Not Just Your Supplier. We’re Part of Your Team.

Every technology we put on your shopfloor is backed by a team that treats your business like their own. We install, train, maintain, and support you for the life of the equipment.

The sale is just the beginning. What makes the Carfulan Group different is what happens next. We stay with you. We pick up the phone. We come to site. We write your programmes, train your operators, and make sure the technology we recommended actually delivers everything we promised. That’s not a service contract — that’s a partnership.

Service & Support

At Carfulan Group, our relationship with you starts long before installation and continues long after. With over 35 years of experience, we understand that true performance is not just about the machine, it is about the support behind it. That is why everything we do is built around a customer first mindset.

Our aftersales team is what sets us apart. We have more than 40 highly skilled professionals, all UK based, ready to respond when you need them. From installation and calibration to preventative maintenance, breakdown support and machine moves, our service engineers keep your operation running with minimal disruption.

Alongside them, our expert applications engineers ensure your team gets the very best from your investment through certified training, programming support and ongoing guidance.

What makes Carfulan Group different is consistency. When you invest with us, you receive the same industry leading standard of care across every solution we provide. One team, one approach, one level of excellence. No gaps, no compromises, just reliable support you can trust.

We know that downtime costs time and money. That is why our response is fast, our expertise is deep and our focus is always on getting you back to peak performance as quickly as possible. Every call, every visit, every interaction is driven by one goal, keeping your business moving.

With Carfulan Group, aftersales is not an add on. It is at the core of who we are.

Every Solution You Need. Expert Additional Services When You Need Them.

When capacity is stretched and time is tight, we step in and deliver as part of your team.



Additional Services Available from The Carfulan Group

SUB-CONTRACT METROLOGY

Send us your parts and we'll take it from there. Measured on the same equipment we sell, by the same team that supports you returned with a full report, a programme, and everything you need to hit your deadline.

- Your parts measured on our OGP SmartScope, VICIVISION, Metrios, Discus, and Evolve SPC — all available at our Derby facility.
- First article, in-process, and batch inspection — any part, any material, any industry.
- Send your CAD file and we'll write your ZONE3 programme and return it with a full video walkthrough.
- Gauge R&R studies — we'll prove the measurement capability before you commit to anything.
- UKAS-calibrated equipment — every result traceable and audit-ready.
- Rapid turnaround — send parts in, collect them, or let us arrange it both ways.
- No minimum order — one part or one thousand, we treat every job the same.
- Preferential pricing for existing Carfulan Group customers — because loyalty matters to us.

ADDITIVE MANUFACTURING & PRINT SERVICES

Don't own a printer yet or need more capacity than you have? We'll print your parts, design your fixtures, and prove the business case before you spend a penny on your own machine.

- FDM, PolyJet, P3, and SAF — the full Stratasys range, available to you.
- We'll design or redesign your jigs, fixtures, and tooling specifically for additive.
- Expert material selection — the right Stratasys material for your application, environment, and budget.
- Rapid prototyping — functional parts for form, fit, and function testing. Produced in days not weeks.
- Short-run and bridge manufacturing — production-grade output while you scale up.

> "They printed our fixture overnight and we had it on the shopfloor the next morning. It would have been three weeks to machine it."
>
> **- Rolls-Royce**

Our Story So Far From a Small Corner of Derbyshire...

1989

Founded as Independent Calibration by Andrew & Angela Fulton. CMM servicing from Derbyshire.



1991

Secured Land Rover, Rolls-Royce, and Ford contracts.

Early 1990s

Became UK representative for OGP and Sheffield Measurement. Renamed DISC (GB).



2002

Became OGP UK Ltd. Sales jumped from 10 to 35 systems per year.

2007

SYS Systems founded. Entered 3D printing market as a Stratasys UK partner.

2012

ZOLLER UK established. OGP UK wins European Rep of the Year.



2015

Advanced Innovation Centre opened. £3M purpose-built facility, Foston, Derby.

2016

VICIVISION UK established. Turned part measurement added to the portfolio.

2020

COVID-19: SYS Systems prints hundreds of face masks every week for NHS hospitals.

2023

Prolink UK and Discus UK added to group. Dedicated software division established.



2024

Record £22.3M revenue. Win HSBC WIRED Trailblazer award. OGP SmartScope M-Series launched. Expand to 65 employees.

2025

SYS awarded EMEA Partner of the Year. OGP and ZOLLER celebrate 80th anniversary globally.



2026

SYS achieves number 1 Stratasys Partner in EMEA.

Come and See World-Leading Technology All Under One Roof

The Carfulan Group's Advanced Innovation Centre is where cutting-edge technology meets real-world application. Located in Foston, Derby, this purpose-built facility offers visitors the chance to explore the innovations shaping the future of manufacturing. Temperature-controlled. Fully equipped. Staffed by the people who know the systems inside out.

REASONS TO VISIT

- **See every technology running live** — not on a screen. Running. On parts. In person.
- **Bring your parts —** we'll measure them, scan them, print them, or preset your tools while you're here.
- **Meet the team —** the engineers, specialists, and service professionals who'll support you.
- **Get honest expert advice —** not every technology is right for every application. We'll tell you what works and what won't.

OR LET US COME TO YOU

Can't make it to Derby? No problem. We'll bring the technology to your shopfloor so you can see exactly what it looks like in your environment, on your parts, with your team.

Book a visit to the Advanced Innovation Centre

01283 585933 | info@carfulan.com
www.carfulan.com

CARFULAN
GROUP

Faraday House, Woodyard Lane, Foston, Derby, DE65 5BU

01283 585933 | info@carfulan.com

www.carfulan.com