



CACI

**Enhancing
logistics
operations
to deliver
unparalleled
results**



Blending logistics operations with rich data to deliver unparalleled insight into modern logistics operations

In our fast-paced world where the demand for enhanced delivery experiences continues to grow rapidly, convenience is king. Dynamic logistics solutions are essential to achieving this and keeping logistics operators afloat. While the end customer may be grateful for their goods arriving, they seldom appreciate the careful planning that goes into each stage of the supply chain to make it happen.

Eyes are on the inner workings of logistics operations – supply chain shortages, rising fuel, driver costs, the e-commerce boom and its impact on the environment – all of which are looming issues that require smart solutions.

Assuming that customers want their goods as quickly and cheaply as possible is natural, however, it's not always the case. Gen Z are increasingly factoring in green credentials when choosing their suppliers. Logistics operators that fail to prove they operate in a sustainable way run an increasing risk of losing out to their competition.

So, how can logistics operators evolve to meet consumers' changing needs?

Optimisation and analytics delivered by CACI is the answer

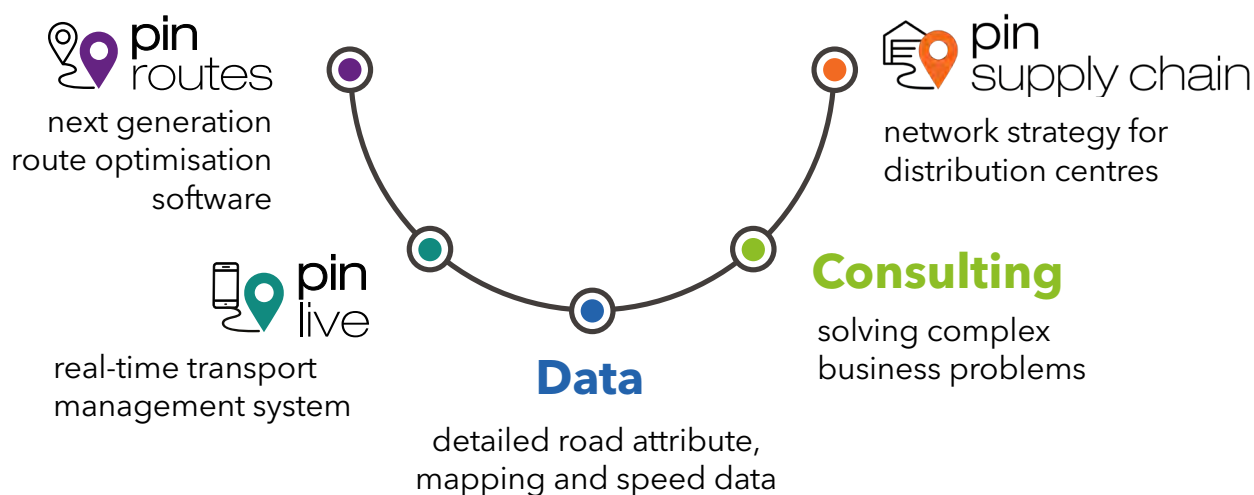
CACI's suite of sophisticated solutions will help you optimise, refine and improve your logistics operations to reduce costs and environmental impact, while increasing flexibility and staff efficiency. This in turn leads to happier customers and enhanced deliveries.

We combine advanced logistics capabilities with a constant finger on the pulse of consumer attitudes and behaviour, enabling us to offer granular insight to future proof your business.

Your roadmap to a more efficient logistics operation

CACI merges a powerful combination of sophisticated tools - Pin Routes, Pin Live, Pin Supply Chain - to power your operations and strategy. Together, they provide the most comprehensive and robust solutions to those responsible for managing logistics operations.

While saving time and money is a key objective within any logistics operation, CACI does much more than this. We take your data - including your fleet, product demand and distribution centres, and combine it with an array of external data. This includes detailed roads, accurate drive times, vehicle navigation constraints and precise address locations, enabling you to design an optimal supply chain, plan the best routes, manage orders, improve customer satisfaction and significantly cut costs and your carbon emissions.



What you receive is an easy-to-manage, dynamic solution that will transform your logistics operation.



Taking route optimisation to the next level

If you want to overcome your routing headache, save money, boost your supply chain's resilience and reduce your environmental impact, you need Pin Routes.

Handling a huge amount of variables that may affect your routes, Pin Routes effortlessly creates vehicle routes to meet both your customers' requirements and your business' needs. It is a scalable, cloud-based route planning and optimising solution that allows delivery, collection and service providers to build routes for single or multiple depots.

All route optimisers have different capabilities and produce a different quality of results. Pin Routes stands out from the competition as its advanced algorithms reduce more mileage, driver hours, vehicles required and carbon emissions than ever before. Its high level of configurability enables the creation of optimal routes in most sectors across first, middle and final mile, and can be used dynamically for fixed routes or to answer strategic questions. Some of its advanced features include:



Collection and
delivery pairs



Soft time
windows



Virtual stops
(the clever algorithms decide the
most optimal depot, collection or
drop off point)



It is straightforward to use, yet it is remarkably powerful and provides a solid modelling platform. It is contributing significantly to the success of our business.

Fresh Produce Distributer





Live order tracking with full visibility for satisfied customers

Once you have optimised your routes, the next step is to manage the real-time operation of your distribution network. This is where Pin Live comes in.

Pin Live is a real-time order tracking, proof of delivery and transport management system. Run in a live environment, it provides users, customers and other stakeholders with full visibility. As a result, customers will automatically be in the picture regarding their delivery by receiving messages on their order status and details, reducing customer services costs and relationship management when deliveries go wrong while improving customer loyalty in the long run. Yard and office staff will gain a newfound helicopter view portal, highlighting areas that need attention and drilling down into the details. Drivers will be guided through their day by a user-friendly app which allows them to scan orders on and off the vehicle and capture full proof of delivery.






Pin Live has it all...a great product. If you want a superb transport management solution... look no further.

Leading Pharmaceutical Distributer



Creating the perfect supply chain





Pin Supply Chain assesses your entire supply chain and determines the best possible locations for new warehouses, reshaping your distribution strategies.

This is the perfect tool for running 'what if' scenarios to assess the effectiveness and efficiency of your distribution centres.

For example, what happens if (or when):

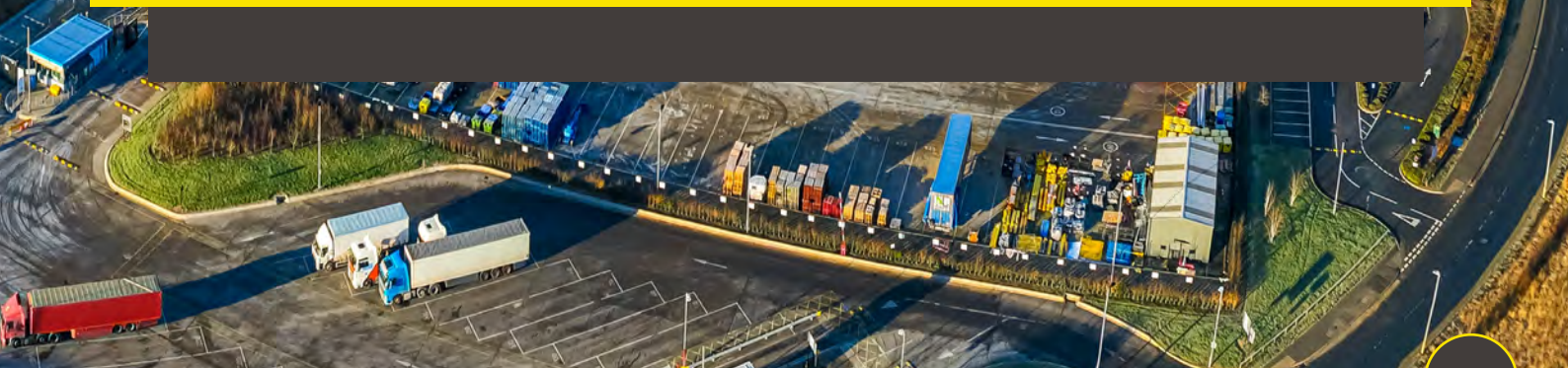
- Your warehouse or RDC was elsewhere in the country?
- You win a new contract or get a spike in demand?
- Your company acquires a competitor?
- Your warehouse leases end?
- You take your logistics in-house?
- You plan to open 50 new stores this year?
- You transition to electric vehicles?

All of this can be modelled with Pin Supply Chain.

By using Pin Supply Chain, you will be able to quickly and easily answer questions such as:

- **Where should we locate our depots?**
- **How many do we need?**
- **How big do they need to be?**

Pin Supply Chain is also the perfect partner to Pin Routes to optimise your logistics operations.



Data

Powerful data insight to support your logistics operations

You've heard about Pin Routes, Pin Supply Chain and Pin Live, but the unsung hero that makes it all function so well is CACI's data.

The strength and breadth of CACI's data offers something for every organisation involved in logistics operations. While some of the critical data available includes road speeds, address locations, attributes for navigable roads and backdrop mapping, there's substantially more than that.

CACI's datasets are specifically designed to facilitate and bring significant benefits to any logistics operation. They are continuously tested, enhanced, updated and supported by our team of experts. The data is available for almost every country worldwide and can be supplied in many different formats. While it is used in our own solutions, it can also be licenced to be used in yours if you've built your own.



We have found that CACI is very well equipped to provide exactly the mapping and demographic data we need. The CACI team are responsive and helpful when it comes to advising on the best products for our requirements, and good at supplying the data in an appropriate format.

Tier 1 Grocery Retailer



Consulting

A roadmap for a future proofed logistics operation

There's no room for uncertainty in your strategy. CACI's consultancy ensures you make the unknown, known, and own the future of your business.

Consulting combines CACI's expertise in complex logistics problems and customer insight into detailed analytics and business strategies. In partnership with you, we can use our own tools to provide you with answers to key logistical questions, such as:

- "What's the best way to work with 3PLs?"
- "What's the best shape for our distribution network?"
- "How can we minimise customer returns of failed deliveries?"
- "What happens if we change our delivery agreements with our clients?"
- "How can we further reduce our costs without compromising on our commitments?"
- "How can we increase our win rate on bids?"



Super job on this team CACI, we are suitably impressed. Exactly what we wanted. You've exceeded our expectations.

Frozen Food Distributer



Those that want to shape their logistics operations into the most cost efficient and effective supply chains need to look no further than CACI.

With the high cost of logistics, and the focus on its impact on the environment, there's never been a better time to assess whether you can do better in terms of cost and emissions. CACI can help you achieve these improvements and efficiencies by leveraging our expertise to develop and sustain your business.

Get in touch today for an objective view of your logistics operation and start a process that'll lead to improvements, happier customers and enhanced outcomes for you and your team.

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