
An intelligent approach to retail supply chains



Trusted partner for your Digital Journey

Atos

Transform your supply chain

In a world full of change, you need to be ready to adapt: transforming your business to create a competitive advantage, manage cash flow, and achieving sustainability targets while also ensuring you are resilient enough to face whatever the future brings.

Achieving that requires complete visibility and real-time insights across your end-to-end supply chain, something that over 90% of supply-chain professionals say they don't have!¹

To meet the high expectations of consumers and the accelerated shift to online shopping, businesses need intelligent supply chains that are agile and data-driven with end-to-end transparency. Intelligent data insights and predictive analytics will help you re-imagine how you

manage your supply chain and adapt and scale your processes to meet high consumer expectations and the accelerated shift to online, which is here to stay.

As you transform your supply chain, you need a trusted partner to help guide your strategy around key areas, such as last mile delivery, warehouse automation, order fulfilment and customer service, and provide risk-free access to the latest innovations, such as predictive modelling, IoT, and blockchain. This provides you not only with capabilities but also the knowledge of how to connect the dots and create intelligent supply-chain solutions that are part of a bigger ecosystem that creates business value.

¹Geodis 2017 Supply Chain Worldwide Study

Atos makes retail supply chains intelligent

Intelligent Supply Chain provides a range of solutions defined, delivered, and run by our expert teams, so you can respond faster on the basis of real-time insights to an ever-changing environment, enhancing customer experience in-store and across all digital channels, helping maintain and reduce costs, and minimizing business risk. Our solutions support your sustainability goals, including decarbonization, in line with our own commitment to becoming carbon neutral (net zero) by 2035.

Our approach is based on providing intelligent insights across every stage of the supply chain to help you:

Improve the last mile and enhance customer experience

Enhance the experience of your customers to improve brand loyalty and profitability, by offering a greater choice of delivery options, including the fastest, cheapest, most flexible, or most environmentally friendly, as well as providing real-time data to enable your customers to make last-minute changes.

Intelligent Supply Chain provides transparency and predictability for last mile delivery, enabling you to take snapshots of your data from any existing software system, combined with external data to model scenarios, create accurate predictions, and offer customers better choice.

Reduce business risk

Meet and manage customer expectations by providing real-time transparency across your entire supply chain to improve on-time and in-full delivery by up to 25%, to reduce disruptions by up to 40%, and to ensure quality of goods as they are being transported.

Intelligent Supply Chain combines your data with external data sources to power predictive models, giving you the insights, you need for effective planning, resulting in a better experience for your customers. For example, providing accurate delivery slots for inbound goods to ensure you have the required warehouse space. Or, if a delivery is delayed, providing the real-time data you need to adjust your plans. By using IoT sensors on trucks, alerts can also be shared to protect quality, for example if the on-board temperature changes to a level that could cause degradation.

Enabling same-day delivery for a retail supplier

We reduced delivery time to just under 28 minutes, giving our customer a significant competitive advantage and enabling them to supply the products their retail outlets needed to fulfil the demand for same-day delivery.

Intelligent Supply Chain was used to provide process optimization and platform integration, in partnership with a gig-economy platform that matches orders with stock.

Reduce carbon footprint

Meet sustainability targets with an intelligence-based approach, which uses automation, data analytics, and predictive modelling to balance customer demand for low-cost, quick-delivery goods with the need to take responsibility for CO2 reduction.

Intelligent Supply Chain uses predictive modelling to support customer decision-making, for example, enabling them to rank what they value most (speed, cost, CO2 impact, flexibility) and then algorithms to offer them the best delivery options based on those values. Our data modelling can also be used to identify areas of waste and see how this could be reduced, for example by optimizing transport, logistics, or storage.

Solution overview: Atos Intelligent Supply Chain for Retail



Last Mile Delivery

improve customer experience through greater transparency and predictability; reduce congestion and pollution with new delivery options, including autonomous vehicles (AGVs)



Precise Time of Arrival

predict timing more accurately, plan for disruption with real-time alerts, and access insights to better manage suppliers with Atos patented multi-modal predictive model



Route Optimization

new insights to optimize routes by distance, time, costs, CO2 impact, and product quality, and mitigate risk proactively



In Transport Visibility

visibility and accountability to monitor and control quality of shipments



Shop-floor Track & Trace

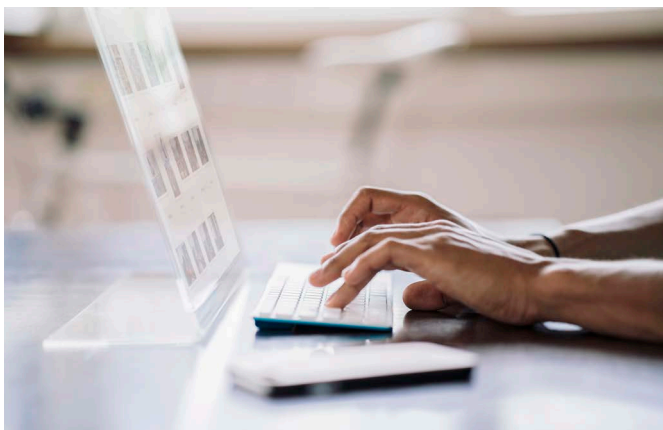
improved visibility to increase efficiency, reduce product loss/theft, and minimize liability issues



Blockchain

secure audit trail across end-to-end supply chain to boost traceability and minimize risk of counterfeit product

Future vision: using Intelligent Supply Chain to create more resilient retail supply chains



When your customers are relying on you for speed and quality of goods, you cannot afford any disruption. You need to be able to access real-time data to adapt to fast-changing situations. And you need to make sure goods do not degrade in the process.

Intelligent Supply Chain offers a powerful solution with end-to-end transparency and full track-and-trace functionality to monitor timings through multi-modal transport (e.g. truck to port, ship to harbor, train to final destination) and prevents quality degradation by monitoring temperatures in transit and in storage. Blockchain provides an additional layer of traceability and a full audit trail to prevent counterfeiting.

Atos is your trusted partner for retail supply chain transformation

Our human and business-centric approach, combined with powerful data insights, looks at all aspects of supply chain logistics, considering human impact as well as technology. We ensure all needs are considered, to deliver the outcomes you require and help you create true business value.

With 25 years' experience in supply chains and through our work with many of the largest retailers as well as many transport and logistics clients, we are perfectly placed to share our knowledge and experience as you navigate your transformation journey.

We have also built one of the broadest eco-systems of innovation partners, for example, last mile delivery specialists, warehouse management, delivery optimization, and autonomous vehicles. Meaning you can access all the latest start-up technology without exposing yourselves to any risk.

Atos will orchestrate and integrate the various pieces of the puzzle leaving you to focus on your core business: happy customers!

About Atos

Atos is a global leader in digital transformation with 110,000 employees and annual revenue of € 12 billion. European number one in cybersecurity, cloud and high performance computing, the group provides tailored end-to-end solutions for all industries in 73 countries. A pioneer in decarbonization services and products, Atos is committed to a secure and decarbonized digital for its clients. Atos operates under the brands Atos and Atos|Syntel. Atos is a SE (Societas Europaea), listed on the CAC40 Paris stock index.

The purpose of Atos is to help design the future of the information space. Its expertise and services support the development of knowledge, education and research in a multicultural approach and contribute to the development of scientific and technological excellence. Across the world, the group enables its customers and employees, and members of societies at large to live, work and develop sustainably, in a safe and secure information space.

Find out more about us

atos.net

atos.net/career

Let's start a discussion together



For more information visit: atos.net/retail

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