



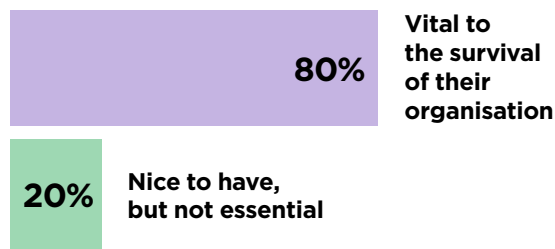
Innovation amongst disruption: Achieving fastest time to value within the supply chain

Supply chains are being challenged like never before. Evolving consumer demands, turbulent geopolitical environment, labour shortages, and increasing operational costs have all amplified the complexities and fragility of supply chain interdependencies, and as such, the progress of innovation initiatives.

Underlying the pressures to innovate, a survey commissioned by InterSystems found that four in five (80%) supply chain leaders believe innovation is vital to the survival of their organisation with keeping pace with consumer needs the main driver of innovation projects for over half (59%).

However, whilst supply chain leaders recognise the need to accelerate innovation and are actively undertaking innovation projects, the InterSystems research also reveals that these initiatives are being slowed down by multiple challenges.

What supply chain leaders think about innovation



What's the main driver for innovation projects?

- 1 Keeping pace with customer needs
- 2 Keeping pace and lead within the market
- 3 Gaining agility and future proofing

Blockers of innovation - data & insight

Alongside a myriad of external shocks, supply chain leaders are facing many internal barriers to innovation.

In particular, data challenges are hindering the ability to anticipate and quickly respond to disruption within the supply chain. In a world of growing market volatility, organisations seeking greater resilience face the challenge of being unable to see and understand their supply chains, with a third (33%) of supply chain leaders considering their legacy technology a barrier to data-driven innovation.

Without connected, real-time insights from the entire supply chain ecosystem at their fingertips, time-consuming manual methods must be relied on to conduct analysis before the ability to act. This is true for the 65% who struggle to either get data in the needed format, in a timely manner, or have difficulties with integrating disparate data sources.



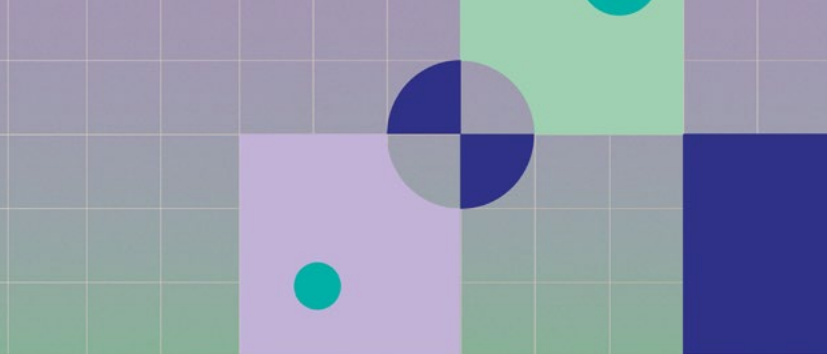
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What's more, nearly a quarter (23%) have poorly integrated and heavily siloed supply chain applications preventing end-to-end visibility, which is down to not giving enough consideration to interoperability when first implementing new technologies or bringing in new 'quick fix' solutions.

To overcome these challenges and create a resilient, highly agile supply chain, organisations need to prioritise adopting the right technological tools to gain end-to-end, real-time visibility and act on the insight provided.

Almost a quarter are prevented from end to end visibility by poor integration and app silos

But it is apparent that post-pandemic labour shortages and the lowest productivity rate in decades are leaving a mark on the sector and that a lack of sufficient in-house skills to understand and analyse data is also presenting as the one of the biggest difficulty, cited by just over half (51%) of supply chain leaders.



A new connective approach

So if success in the supply chain comes down to data, implementing the right supply chain orchestration solution is key. Doing so will deliver real-time actionable insight, creating streamlined end-to-end processes to eliminate operational gaps, as well as managing disruptions and constraints across the entire enterprise and global ecosystem. This translates to accelerated time-to-value.

To help achieve this with confidence, the smart data fabric, sometimes referred to as the connective tissue, is a new architectural approach that speeds and simplifies access to data assets across the entire organisation. It accesses, transforms, and harmonises data from multiple sources, on demand, to make it usable and actionable for a wide variety of business applications.

The line of business can be empowered to leverage healthy data for improved decision-making to better react to future disruptions and to meet changing customer requirements. In addition, a connective tissue can significantly improve demand sensing and forecasting.

With embedded AI & ML powered analytics capabilities, organisations can detect current short-term trends in near real-time.

This makes it faster and easier for supply chains to gain actionable insights and power intelligent predictive and prescriptive services and applications. Prescriptive insights are essential to create a differentiated order fulfilment experience, adapt to order changes, supplier availability issues, and demand spikes for competitive advantage.

Adopting connective tissue technology helps supply chains to shorten the time to decision, arming them with the insights needed to think out of the box to progress their innovation initiatives. That can only happen with the right supply chain data management solution which won't require organisations to rip and replace their current setups, whether they're on-prem, hybrid cloud, or multi-cloud. Instead, it should complement the existing environment and offer flexible deployment options to allow organisations to start driving intelligent actions.



Consistent Data

Multi-Model DBMS

Harmonise and normalise disparate sources and formats—relational, non-relational, streaming, etc.—for consistent and accurate data representation



Real-Time Data and Analytics

Multi-Workload DBMS

Ingest, process, and analyse data in real time without delay and at scale, without moving or copying the data for analysis



Intelligent Processes

Interoperability

Enable seamless, accurate, connected supply chain orchestration and AI-enabled intelligent business processes



Actionable Insights

Advanced Analytics

Real-time advanced analytics—BI, ML, AI, NLP—for descriptive, predictive, and prescriptive insights in the moment

Thriving in the era of disruption

Despite ongoing disruption, supply chain leaders are committed to innovation. Understanding that only by accelerating innovation initiatives can they keep up with changing consumer demands. They are also increasingly recognising the crucial role data-related technologies play in transforming the supply chain into a competitive advantage with next-level orchestration and greater agility. By arming themselves with supply chain orchestration technologies like the connective tissue, supply chain firms will be able to drive their innovation initiatives forward, and not just survive future disruptions but thrive throughout them.

Wherever you are on your journey to innovation, talk to us today to see how we can complement your existing infrastructure and deliver faster ROI.

See, understand, act, and optimise your way to more resilient, flexible, and transparent supply chains with InterSystems Supply Chain Orchestrator™.



For more information scan here

