

Our Approach

Project44's global supply chain carrier network and real-time data platforms are integrated with the SAS® Intelligent Planning Cloud. Using SAS and project44's integrated supply chain planning platform, retailers and CPGs gain a competitive advantage by boosting supply chain agility, cost efficiency and scalability.

Access to real-time, high-fidelity transportation data

Project44 collects real-time global supply chain data from the world's largest network of carriers - for every mode and geography at the order, line and SKU level.

Data collection and cleansing

The project44 Movement platform normalizes and prepares real-time global supply chain data for easy ingestion into the SAS Intelligent Planning Cloud.

Fully integrated API network

Relevant, customer-specific data sets are transmitted in real time through a fully integrated API network refreshed at the desired frequency (e.g., hourly, daily, weekly).

Intelligent decisioning platform

Global supply chain data from project44 is loaded into the open, unified data layer of the SAS Intelligent Planning Cloud. That data is then combined with customer planning data for a highly accurate, real-time intelligent decisioning platform - enabling supply chain planning that's agile, precise, resilient and reliable.

The SAS® Difference

Organizations using the SAS Intelligent Planning Cloud can be confident that they'll operate more efficiently and effectively at all levels of decision making due to our automation, scalability, statistical precision and end-to-end visibility.

- **Complex optimization problem solving.** Run powerful, automated end-to-end supply chain and network optimization solvers in parallel in the cloud to solve routing, planning and resource allocation challenges.
- **Integrated data management.** The ability to easily ingest data from the world's largest real-time data repository allows the SAS Intelligent Planning Cloud to perform better than competitive supply chain planning platforms.
- **High-performance consumer demand forecasting.** Maximize the productivity of demand and supply planning resources, automating decisions where possible. Deploy critical talent where needed for optimal upstream planning.
- **Single administration and reporting interface.** An intuitive visual interface lets users view the condition of the entire supply chain in real time with integrated, drillable and easy-to-understand visualizations.
- **Simulation, what-if analysis and scenario planning.** Find the best possible outcome by optimizing for profit and supply chain resiliency - while considering business and operational constraints - using integrated digital-twin simulation capabilities.
- **Flexibility and scalability.** SAS Intelligent Planning Cloud is flexible to meet the needs of a growing business, seamlessly scaling as needed.
- **Powered by SAS® Viya®.** SAS Intelligent Planning Cloud is on a completely redesigned architecture so it's compact, cloud native, precise and fast.

"The project44 and SAS collaboration brings together the world's largest global real-time transportation data repository, with industry-leading intelligent supply chain planning capabilities, to enable real-time precision and visibility in E2E global supply chains. The partnership promises greater agility, resiliency and cost optimization in supply chain planning."

Brian Kilcourse, Managing Partner at Retail Systems Research



Please visit to see how [SAS delivers supply chain analytics](#).

