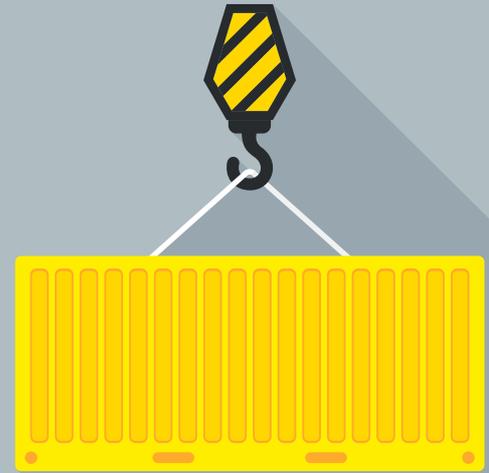


Case Study: project44

Real-time freight visibility solution backed by Munich Re



The case

project44, headquartered in Chicago, provides the world's leading advanced visibility platform for shippers and logistics service providers. project44 connects, automates and provides visibility into key transportation processes to accelerate insights and shorten the time it takes to turn those insights into actions. Leveraging the power of the project44 cloud-based platform, organizations increase operational efficiencies, reduce costs, improve shipping performance, and deliver an exceptional experience to their customers. For more information, visit <https://www.project44.com>

The challenge

Shippers, from retailers to manufacturers to suppliers, face a challenging supply chain problem: They cannot gain visibility of and make decisions on their inventory because the supply chain data is unreliable. Supply chain data is often widely inaccurate and incomplete while the data is constantly changing. Shippers would like to monitor their containers in transit and gain a proper roll-up of all information in one place. They also need to plan and optimize inventory based on the forecast of their container demand. Currently, much of the planning and tracking for inventory is done manually or via rule-based modeling. As a result, shippers suffer from costs, including unnecessary transportation cost, low personnel productivity, high financing costs, poor customer service, etc.

The solution

project44 provides shippers with real-time visibility of their freight, reporting vessel arrival and other milestones with improved accuracy. It uses machine learning to forecast demand at a granular level, right down to the individual shipping container. The key competitive advantage is the ability to correct data by judging whether certain data combinations are probable and, if not, what the probable replacement values are. This ability transforms low-information data to high-information data, which forms the basis for better predictive models.

Munich Re conducted a thorough assessment of project44's system, and came to a positive conclusion with a strong indication of its efficacy. This favorable signal saves testing efforts on the part of project44's clients, including search and analysis costs.

More importantly, project44's solution can also be offered with a performance guarantee, and this is backed by a liability policy from Munich Re to project44. If project44's model does not work as expected for a client's shipments, then there will be a fixed payment per container given from project44 to its client. Munich Re takes over this financial risk for project44 in case its AI system does not perform as promised.

Munich Re's insurance backing for project44's AI technology plays a key role in supporting the company's efforts to continue to deliver innovative and effective solutions to improve transparency and predictability in logistics.

Profile Munich Re

Munich Re is one of the world's leading providers of reinsurance, primary insurance and insurance-related risk solutions. Since it was founded in 1880, Munich Re has been known for its unrivalled risk-related expertise and its sound financial position. It offers customers financial protection when faced with exceptional levels of damage. Munich Re possesses outstanding innovative strength. The company is playing a key role in driving forward the digital transformation of the insurance industry, and in doing so has further expanded its ability to assess risks and the range of services that it offers. The insurance for project44 is underwritten by GLISE, a primary insurance carrier of the Munich Re Group, which is an S&P AA- rated international insurance company, eligible to write surplus lines insurance in all US states.

The Policy was originally entered into between GLISE and ClearMetal Inc. In May 2021, ClearMetal was acquired by project44 Inc. and GLISE consented that the Policy be assigned to project44. The Policy is subject to exclusions, deductibles, and a policy limit. For more information, visit www.munichre.com/insure-ai.

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