

CHALLENGE

Many companies are looking to tap into AI capabilities, leveraging predictive analytics to turn their data into value and gain important insight for their business operations. Unlocking the benefits of advanced forecasting and anomaly detection requires a superior machine learning (ML) and AI tool like Tangent Information Modeller (TIM).

Integrating TIM and accompanying InstantML capabilities into an existing system requires users to connect the right source data, transform the data, and provide data in an appropriate quality and structure.

OPTIMUS + TIM SOLUTION

Tangent Works and Neural Technologies have partnered to combine the advanced data integration capabilities of Neural Technologies' Optimus Platform with the revolutionary predictive analytics enabled by the InstantML technology provided by TIM.

The Optimus Platform is used to orchestrate the connectivity to consume source data, then clean, enrich, and transform the data to the required input for TIM. By providing the quality data sets in an automated and integrated architecture, the Optimus Platform enables TIM to leverage the full potential of its ML/AI power, providing users an effective end-to-end solution for their growing data needs.

The Optimus platform utilizes TIM's rich API ecosystem to integrate the prepared data with its automated forecasting and anomaly detection capabilities. TIM executes the ML/AI models and provides the forecasting and anomaly detection results via API's. These results are then processed once more by the Optimus Platform, and can be transformed into any required output for customer applications. This includes the capabilities of the Optimus Platform to provide real-time insights via API's, streaming data solutions (e.g. Kafka), batch files, or store the data in various storage systems.

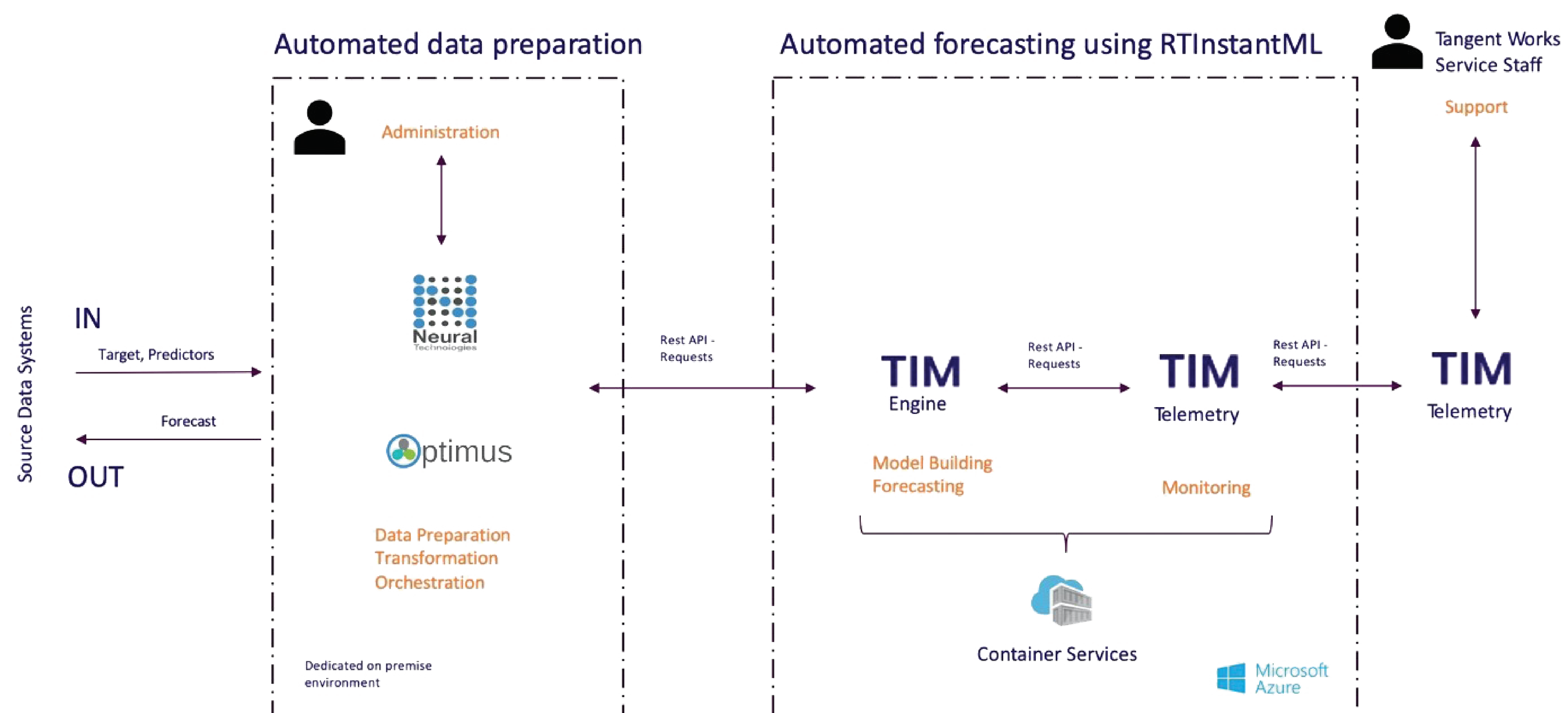
This partnership offers integrated, automated, end-to-end architecture, from source data, via data preparation and ML/AI model execution, to results and insights. This advanced integrated solution enables customers to create superior forecasting and anomaly detection use cases by leveraging the combined power of the Optimus Platform and TIM.

ABOUT NTL

Neural Technologies is a leading provider of revenue protection and digital transformation solutions with over 30 years' experience unlocking data-driven success for its customers. Optimus, from Neural Technologies, can assist enterprises in successfully digitizing key business processes in the areas of revenue protection, digital transformation, and customer experience. Neural Technologies has a global presence with customers in 45 countries, delivering solutions in fraud, credit risk, charging, mediation, analytics, orchestration, revenue assurance, IoT, dunning, customer insight and other business-critical functions. Founded in 1990, the company has built an international reputation for providing award-winning solutions to increase the bottom-line for its customers around the globe.

For more information go to neuralt.com or contact us at info@neuralt.com

ARCHITECTURE



BUSINESS VALUE

Data and predictive analytics are fundamental to future business success in a modern operating environment. These powerful capabilities unlock valuable business insight, enabling a new era of strategic decision making that greatly improves business intelligence. According to analysts McKinsey, those businesses which rapidly adopt AI and ML in their organizations will outperform their peers by 122% over the next 10 years, benefiting from 6% additional rate of cash generation annually.

POWER OF INSTANTML

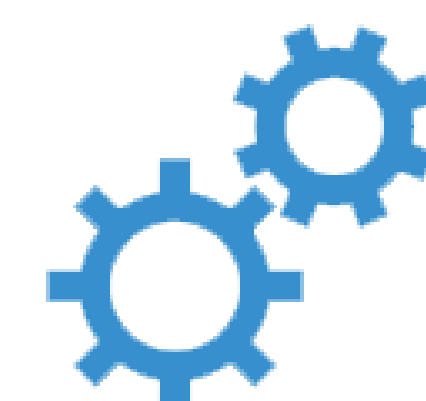
InstantML is a predictive modeling game-changer for forecasting and anomaly detection. This simple, user-friendly platform supports business users with its focus on value creation. With TIM, predictive analytics initiatives go beyond experimenting to production in a fast, accurate, automated, flexible and explainable way.



Speed



Accuracy



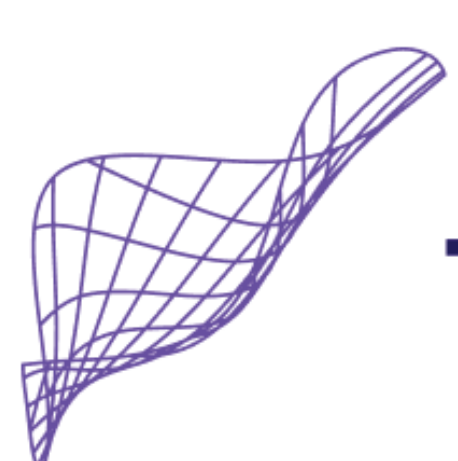
Automation



Flexibility



Explainability



Tangent Works

ABOUT TANGENT WORKS

Tangent Works was founded in 2014 by a team of data scientists and mathematicians who believed in the power of predictive modeling for optimizing operations and reducing costs, but found that the existing methods were far too complex and slow for broad adoption. Our mission is to de-mystify predictive modeling for forecasting and anomaly detection using our revolutionary InstantML technology and flexible TIM solution and make them accessible and productive for a broad range of users and use cases.

For more information go to www.tangent.works or contact us at info@tangent.works