

Do you have the ability to analyze large volumes of data quickly?

As the focus on liquidity increases, analyzing cash positions and better managing idle cash will require the speed and agility of AI. SmartPredictions™ improves your cash forecasting with its ability to analyze large volumes of data faster, run multiple scenarios more quickly and accurately, and free up analysts to interact with decision-makers and become an even more valued partner to the business.

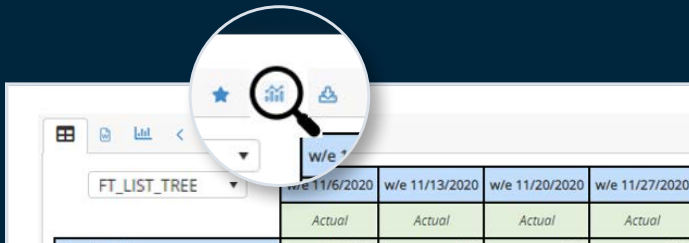
Having insight from a tool that can precisely forecast future transactions is crucial for cash management and can better equip your treasury team for decision making. Fueled by artificial intelligence, SmartPredictions gives you the ability to quickly create forecasts with a predictive accuracy determined by your business' historical liquidity data.



SMARTPREDICTIONS™
KEY BENEFITS

- Minimal user input and intuitive interface let you run forecasting scenarios quickly
- Optimal accuracy with algorithmically selected machine learning models
- Transparent results include recommended models and accuracy scores
- Significant time savings on data and historical analysis with the click of a button

AI Forecasting with just a few clicks



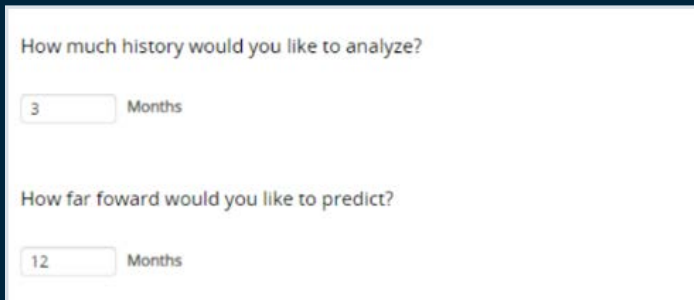
Step 1

To launch SmartPredictions, simply click the icon located on the Forecast Plan.



Step 2

Users can select as many User Codes or User Code Trees as they would like to be included.



Step 3

Only two simple data inputs are required—how far back to analyze the historical data and how far forward to predict.

Smart Prediction Model Analysis

User Code/Tree	Description	Prediction Model ^①	Accuracy Score ^① <small>(Average Absolute Variance)</small>
0195	Incoming Money Transfer (0195)	Day of Week Average	1,100,681.63
0206	Book Transfer Credit (0206)	Singular Spectrum Analysis	1,277.57
0208	Intl Money Transfer Cr (0208)	Singular Spectrum Analysis	3,544.35
0277	CMA Credit Transfer (0277)	Day of Week Average	3,002,856.75
0301	Commercial Deposit (0301)	No historical data	0.00
CREDITS	Total Credits Tree	Day of Week Average	725,552.94
0455	Preauthorized ACH Debit (0455)	Singular Spectrum Analysis	99.80
0466	ACH Settlement (0466)	Singular Spectrum Analysis	1.60
0495	Outgoing Money Transfer (0495)	Singular Spectrum Analysis	56,684.18
0555	Deposited Item Return (0555)	Singular Spectrum Analysis	7.96

Step 4

SmartPredictions will run the historical data in each User Code against the prediction models to test their accuracy and provide an Accuracy Score. The model with the best accuracy score would then be used to run your prediction data.

Remove the limitations of spreadsheets

Without AI, treasury professionals are constrained by the amount and type of data that can be input and analyzed by spreadsheet-dependent processes. The inconsistency of internal data collection procedures and the risk of errors when inputting or importing data can take great manual effort and lead to significant issues for the finance team. SmartPredictions uses the data readily available within the GTreasury system, eliminating the risk associated with manual entry and ensuring consistency from business unit to business unit.

More time for your business partners

Status quo forecasting processes consume analyst time by requiring them to work on reconciling and compiling data rather than working with decision makers. Using SmartPredictions to produce forecasts can eliminate mundane tasks analysts do today, allowing them to focus on business strategies, operational flows and even macro and micro-economic drivers which impact on your business. By bringing those insights to decision-makers, financial analysts become better partners for the business.

Data transparency

Our solution was built to be transparent in how artificial intelligence is being applied to your data. Every time a forecast is generated, SmartPredictions provides clear information about which optimal model was chosen, along with the expected margin of error, giving you a level accuracy and understanding that you can depend on.



GTreasury provides the clarity to act.

GTreasury is the leading innovator of integrated SaaS treasury and risk management solutions for the digital treasurer. We offer any combination of cash management, payments, financial instruments, risk management, accounting, banking and hedge accounting—all seamlessly integrated, on-demand worldwide and fully secured. Headquartered in Chicago, with offices serving EMEA (London) and APAC (Sydney), our global community includes more than 800 customers and over 30 industries reaching 160 countries worldwide.

Intuitive accuracy

SmartPredictions can learn data patterns and accurately predict forecast data by running multiple machine learning-models to recommend the best fit for each transaction type. Decision Tree Regressor (gradient boost framework), which builds out regression models in a tree structure, splitting historical data into increasingly smaller samples according to predictor variables, and Singular Spectrum Analysis, which processes data points sequentially to predict what subsequent data will look like, are just two types of the models used.

Experience you can trust

By adopting an established cloud-based treasury management system with fully integrated AI for forecasting, you get the benefits of AI, plus a partner who understands the complexities, regulations and challenges faced by your team. With GTreasury, no specialized knowledge of AI is required, you are not dependent on data scientists and you have the specific controls required by treasury teams.

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