ApgarIA Demand Forecasting

Maximize Accuracy. Reduce Costs. Optimize Inventory.

Demand forecasting has never been more critical—or more complex. Market volatility, supply chain disruptions, and shifting customer preferences create uncertainty, leading to stockouts, excess inventory, and lost revenue. ApgarIA's AI-powered demand forecasting helps you plan with confidence, aligning supply with demand for maximum efficiency.

Key Business Impact

- **Higher Forecast Accuracy** – Improve planning with reduced errors vs. traditional methods.
- **Optimized Inventory & Lower Costs** – Reduce stockouts, overstocks, and holding costs.
- **Increased Revenue & Profit Margins** – Align supply with demand, boost sales and margins.
- **Improved Customer Satisfaction** – Ensure availability and timely delivery through accurate forecasts.
- **Greater Planning Efficiency** – Automate tasks, enabling faster and smarter decision-making.

How ApgarIA's AI Forecasting Works

From Data to Actionable Forecasts

ApgarIA combines traditional statistical models with advanced AI/ML techniques to deliver highly accurate demand forecasts tailored to your business.

Multi-Factor Forecasting
Combines internal sales, inventory, and production data with external variables like market trends, economic indicators, and weather.

Advanced AI Models
Uses statistical models, gradient boosting, transformers, and deep learning to improve forecast accuracy over time.

Scenario Analysis
Create and compare different forecasting scenarios and generate supply demand plans.

Accuracy visibility and improvement
Evaluate forecast performance and identify improvement opportunities.

Easy CRM & SAP Integration
Deploy quickly with minimal disruption to existing workflows.

Why ApgarIA?

AI-Driven Accuracy & Adaptability

Unlike traditional forecasting methods that rely solely on historical data, ApgarIA includes future external predictors, highlights past forecast issues, continuously learns and adapts, making forecasts more reliable and responsive.

AI-Powered & Data-Driven
Moves beyond basic trend analysis to real-world demand prediction.

Business-Specific Customization
Tailors models to your unique supply chain and sales cycles.

Seamless Integration
Works with existing ERP, CRM, or databases.

Scalable & Modular
Start with core forecasting & expand into production planning, inventory optimization, and beyond.

With ApgarIA, we're giving our clients the ability to forecast with confidence—not just react to demand, but anticipate it.
The result? Less waste, better margins, and a supply chain that's finally in sync with reality.

Mário Duarte
Business Director, Head of AI & Advanced Analytics

Request a demo today.

Available as SaaS or On-Premises – Choose the deployment model that fits your IT strategy.

ABOUT APGAR

APGAR designs and delivers innovative data and AI solutions and supports clients with expert advisory services to ensure successful adoption and long-term value. With a team of over 230 data and AI experts, APGAR combines product development, integration, and advisory capabilities to help companies turn data into a strategic advantage.

Want to learn more?
Contact APGAR via email or scan to be recontacted.
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