Enable Operational Excellence with APGAR AI-Driven Solutions for Operations.

Experience unparalleled operational efficiency with APGAR AI-Driven Solutions for Operations. Our cutting-edge technology, powered by advanced artificial intelligence, is designed to optimize industrial operations, and boost productivity. We leverage Advanced Analytics and AI to analyse complex data, optimize operations, and provide actionable insights to drive operational excellence and to give your business a competitive advantage.

Address Business Operations Challenges
with APGAR AI-Driven Solutions

OPTIMIZE PRODUCTION AND INVENTORY COSTS
APGAR AI Solutions streamline production and inventory costs by applying AI to optimize resource scheduling and inventory management, enabling businesses to maximize efficiency, minimize waste, and improve environmental sustainability.

OPTIMIZE PHYSICAL ASSET UTILIZATION
APGAR uses IoT technology and Real-Time Advanced Analytics to identify asset performance trends in event data streams and generate intelligent alarms. These helps to reduce downtime, improve production yield, and drive profitability.

ACCURATELY FORECAST DEMAND AND OPTIMIZE SOURCING
APGAR AI Solutions employ Advanced Analytics and Machine Learning to accurately forecast demand and optimize sourcing, empowering businesses to meet customer needs while maintaining cost-effective operations.

INCREASE REVENUE PER CUSTOMER
APGAR leverages next best offer Machine Learning models to identify personalized cross-sell and up-sell sales opportunities. By tailoring marketing and sales efforts to individual customer preferences, APGAR AI solutions help in maximizing revenue and enhancing customer satisfaction and loyalty.

A Proven AI Methodology.

A DISCOVERY PHASE
We conduct complimentary business case discovery sessions to understand your unique operational challenges, context, and goals.

A PROOF-OF-VALUE (POV) OR MINIMAL VIABLE PRODUCT (MVP) PHASE
We configure our AI solutions on our infrastructure to showcase their potential in addressing your specific operational goals. Service costs are linked to a predefined success criteria and to the willingness to progress to the next phase.

A ROLL-OUT AND SCALING PHASE
Where we gradually extend the AI solution to other business lines and manufacturing sites and add optional modules. The goal is to bring the new levels of automation and intelligence to all business units.

A DEPLOYMENT AND ENABLEMENT PHASE
We deploy and enable the AI solution on your preferred cloud provider for validation in one or two manufacturing sites or business lines. We typically provide enhancements in an agile fashion during this phase to ensure the solution meets your goals, gains business trust, and starts generating tangible benefits.

APGAR AI-Driven Operations offering includes the following solutions.

AI COPILOT FOR PRODUCTION OPTIMIZATION

A comprehensive Data and AI framework that includes a suite of AI solutions, such as AI resource scheduling optimization and demand forecasting, anchored on a manufacturing supply chain digital twin. This framework is designed to seamlessly integrate with your core systems (MRP, MES, CRM, etc.), facilitating streamlined, data-driven, and optimized manufacturing operations.»

REAL-TIME ADVANCED ANALYTICS FOR OPERATIONS

A robust framework that includes cutting-edge event stream processing capabilities and employs machine learning models to detect abnormal patterns hidden in data. It is further enhanced with real-time dashboards and intelligent alerts, providing immediate insights, and facilitating swift, operational data-driven real time decision-making.

ADVANCED ANALYTICS FOR SUPPLY CHAIN

An Advanced Analytics accelerator bundling a leading Advanced Analytics software platform and a preconfigured data lake solution that delivers AI-augmented and automated insights for enhanced supply chain decision-making. Tightly integrated with your ERP system and the supply chain digital twin, provides self-service analytics directly on SAP data and an overall 360-degree view of your supply chain operations.
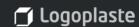
«APGAR's AI solutions have started revolutionizing our production and inventory management, optimizing costs and boosting efficiency. We're excited about the potential value-added of rolling out the solution to other key manufacturing plants, about adding new capabilities, such as accurately forecasting demand and conducting capacity studies, and about the prospect of achieving a 360-degree view of our factory operations.»

Mario DUARTE
Business Director, Head of AI & Advanced Analytics

Trusted industrial customers in AI and Advanced Analytics.

Bial   **Logoplaste**   **Amkor Technology®**

ABOUT APGAR

Apgar is a leading data advisory company supporting its customers in their journey to build a foundation for trusted data. Built with strong values, Apgar aims to provide sustainable advisory services. Apgar acts for small & large companies, in Europe, North America, Australia and the Middle East.

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