

9 autonomous workflows

powering the agentic enterprise

Translating the unified SAP and Google Cloud data foundation into measurable ROI

The strategy

Transitioning to an Agentic Enterprise requires moving past simple chatbots and reactive dashboards. Unifying your SAP operations with the Gemini Enterprise Agent Platform—powered by a bidirectional, zero-copy integration through SAP BDC Connect for BigQuery—enables you to deploy intelligent agents capable of autonomously executing complex, multi-step workflows across your entire business.

Here are 9 highly tactical workflows that define the modern, AI-driven enterprise, incorporating the latest agentic use cases.

Finance and risk management

(the office of the CFO & CRO)

01 Agentic cash collection:

The workflow: An agentic workflow that manages outstanding receivables by combining financial ledgers with dynamic customer relationship data.

The value: Accelerates inbound revenue (money in) by expediting cash recovery while preserving the client experience.

02 Agentic invoice validation:

The workflow: A digital accounts payable gatekeeper that automates invoice validation by cross-referencing incoming invoices against internal purchase orders, existing contract terms, and real-world external events.

The value: Defends outbound spend (money out) and acts as a fortified defense mechanism against overbilling.

03 Agentic cash deployment:

The workflow: An agentic treasury workflow that evaluates live market data across counterparties, tenors, and instruments.

The value: Optimizes the deployment of excess corporate cash into short-term investments to optimally position working capital (money maximized).

Supply chain and operations

(The office of the COO)

04 Agentic supplier risk management:

The workflow: A proactive supplier monitoring engine that adjusts sourcing schedules based on real-world disruptions and vendor financial health.

The value: Secures suppliers (source) and protects production continuity before bottlenecks occur.

05 Agentic inventory replenishment:

The workflow: A predictive procurement assistant that orders materials based on live consumer market signals before demand actually hits.

The value: Anticipates demand (stock) to ensure optimal inventory levels across distribution centers.

06 Agentic logistics optimization:

The workflow: A dynamic freight coordinator that reroutes shipments in transit to bypass physical-world bottlenecks.

The value: Navigates global uncertainty (ship) to definitively protect delivery SLAs and customer trust.

CPG, retail, and marketing

(The office of the CMO)

07 Agentic production scheduling:

The workflow: A dynamic shop-floor planner that cross-references SAP production orders with real-world material availability and machine IoT data.

The value: Optimizes manufacturing efficiency to maximize factory output (make) while instantly adapting to constraints.

08 Agentic demand shaping:

The workflow: A proactive retail workflow that actively steers consumer demand by launching targeted digital promotions.

The value: Dynamically steers the market to clear the exact surplus inventory currently sitting in the ERP.

09 Agentic media to sales optimization:

The workflow: A measurement and optimization workflow that links live marketing signals directly to ERP-managed wholesale and retail sales.

The value: Continuously optimizes marketing ROI (measure) by maximizing digital media effectiveness.

Learn more at
cloud.google.com/sap