

GenAIQ

By BearingPoint

Teaser

April 2024

GenAIQ is BearingPoint's agentic AI Platform for business automation

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GenAIQ is BearingPoint's platform to implement AI & agentic use cases fast, reliably and compliantly.

WHAT IS GENAIQ?

GenAIQ is BearingPoint's custom-built Agentic RAG AI platform that allows organizations to automate and augment business processes effectively by combining agentic AI, specific domain-specific knowledge and seamless integration with existing IT landscapes.

VALUE DRIVERS

- **E2E Automation:** GenAIQ integrates existing tools and infrastructure, public industry networks, and the latest AI technologies across all tech stacks.
- **Continuous Optimization:** GenAIQ offers a shared repository of customizable agents in its agent store, enabling reuse and scaling across teams and departments.
- **Data Sovereignty & Control:** GenAIQ exclusively processes data from sources explicitly defined by the user in a secured and compliant manner including output explainability.



GenAIQ
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KEY DIFFERENTIATORS

- **Flexible & Compliant:** A model- and cloud-agnostic architecture that is GDPR / EU AI Act aligned and explainable by design.
- **Modular by Design:** Easily configurable, modular components that scale from pilot to enterprise.
- **Interoperable:** Domain-specific integration with enterprise tools (e.g., ServiceNow) and external data sources across ecosystems.
- **Ready-to-Use:** A user-friendly platform with a rich feature set and agentic workflows for fast time-to-value.

DRIVES OPERATIONAL EFFICIENCY LEVERAGING 3 DOMAIN SPECIFIC SOLUTIONS

- **GenAIQ.Procurement Optimizer:** Cuts manual procurement workload, increases process reliability, and accelerates end-to-end procurement cycles.
- **GenAIQ.Planning & Assurance:** Automates planning and assurance workflows to shorten cycle times and improve planning quality and reliability.
- **GenAIQ.Financial Reporter:** Reduces manual reporting effort, improves regulatory accuracy, and enables faster, more consistent forecasting and stress-testing.

GenAIQ contains three layers of capabilities for E2E automation

GenAIQ provides various technical capabilities out-of-the-box and thereby enables rapid implementation of AI and agentic automation use cases.

GenAIQ's provides:



15+ (leading) Large Language Models



20+ out-of-the-box features to leverage



GDPR and EU AI Act conformity



Time-to-prototype of ~ 4-6 weeks¹



60+ Agents with industry specific skills



15+ domain specific solution Modules

GenAIQ's Capabilities:

 Automation Layer	Agent Skills	No Code Workflow Configuration	ERP & CRM Connectors	CRON Jobs
	REST-API	Prompt Library	Agent Store	MCP Integration
 Intelligence Layer	Information & Entity Extraction	Voice & Avatar Interaction	Output Quality Assurance	Context & Sentiment Analysis
	Summaries, Reports, Comparisons	Data Chat and automated LLM Selection	Code Generation, Documentation and Translation	Forecasts & Recommendations
 Data Layer	Retrieval Augmented Generation (RAG)	Web Crawling	OCR & Visual Intelligence	Web Search
	Integrated ML Platform	Speech Transcription	Explainability (XAI)	LLM World Knowledge

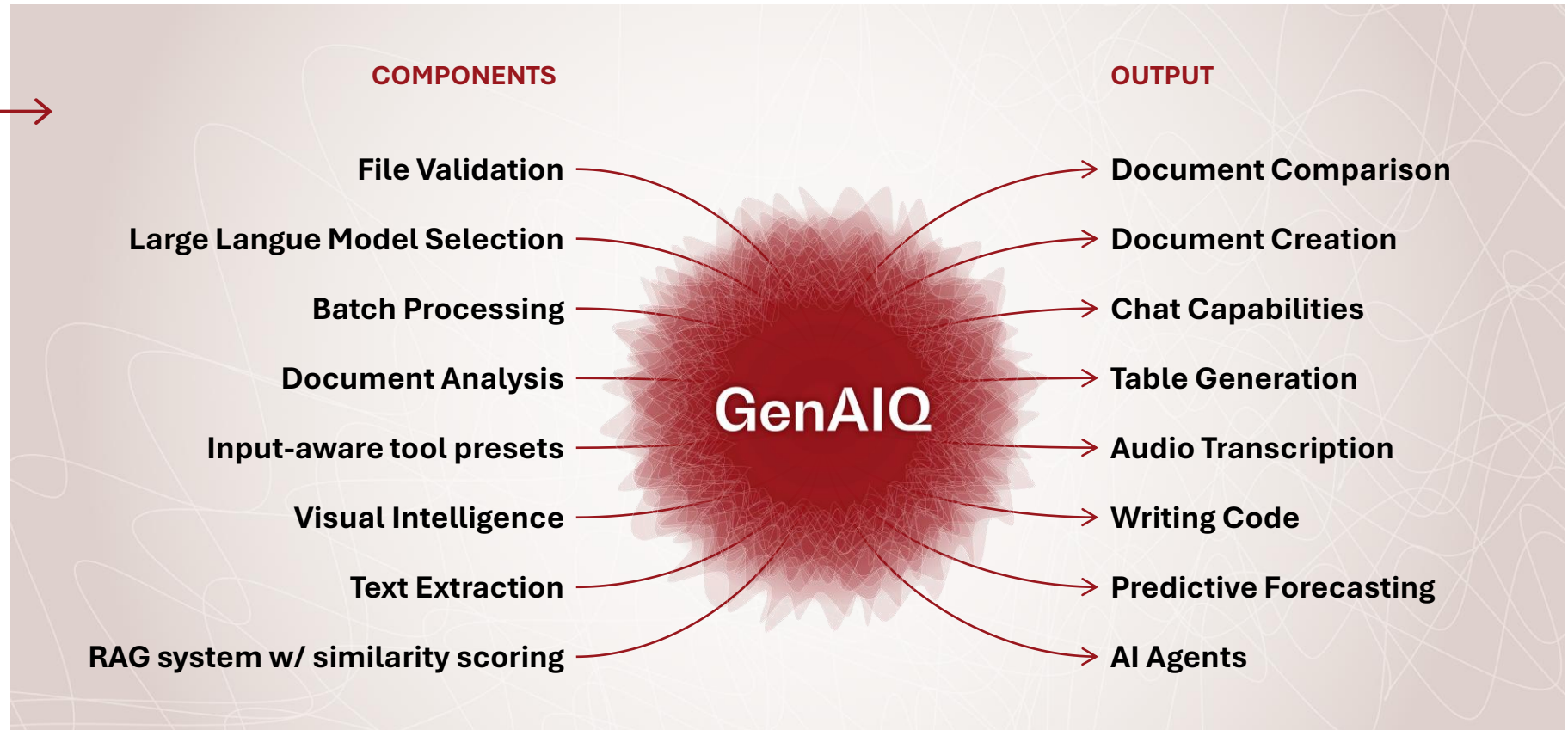
¹ = Can increase depending on scope of use case(s)

GenAIQ works as composite AI in the center of the automation purpose

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GenAIQ is a composite AI platform serving as the central control layer for enterprise AI providing a single point of access to orchestrate tools and technologies, seamlessly switch underlying LLMs, and maintain full technological sovereignty.

GenAIQ functions as the **core orchestration platform**, integrating data sources, AI models, and software infrastructure which enables the **flexible exchange of technical components**, supporting full technology agnosticism.



Expansion Stages: From task-level support to end-to-end process automation

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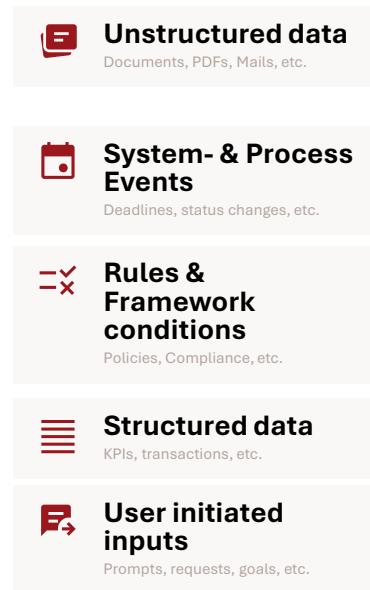
GenAIQ can be leveraged as a smart assistant to augment daily business routines, or it can be applied to automate entire processes with the human acting only as a supervisory authority.

	1 Task Augmentation Smart Assistance	2 Process Automation Integrated workflows
	In expansion stage 1, the software acts as an intelligent assistant. Users actively interact via a chatbot and accelerate their day-to-day work through automated data analysis. The primary value lies in efficiency gains and improved decision quality at the task level.	In expansion stage 2, the solution is deeply integrated into existing systems. This shifts the focus from supporting individual tasks to the automated execution of end-to-end processes – including handovers between systems. The user transitions from executor to orchestrator.
Access:	Web application with Chatbot	Integrated into existing IT-Landscape
Interaction:	User driven (Chat / Prompt) in standard User Interface	System Driven (Events / Triggers / Workflows) with customized User Interface
Purpose:	Acceleration of specific tasks	Automation of entire processes
Typical Use Cases:	Analysis, Evaluation, Decision Support	End-to-End processing; Orchestration
Value Generation:	Time Saving, Better Decision	Cost reduction, Quality improvement, Scaling
Role of User:	Active User	Supervision, Steering
	► Increase of individual productivity 	► Transformation of operating model 

Business Value Generation with GenAIQ

GenAIQ Systematically Transforms Inputs, Data, and Signals into Orchestrated Agent Workflows and Decision-Ready Outputs that Deliver Measurable, Sustainable Business Impact.

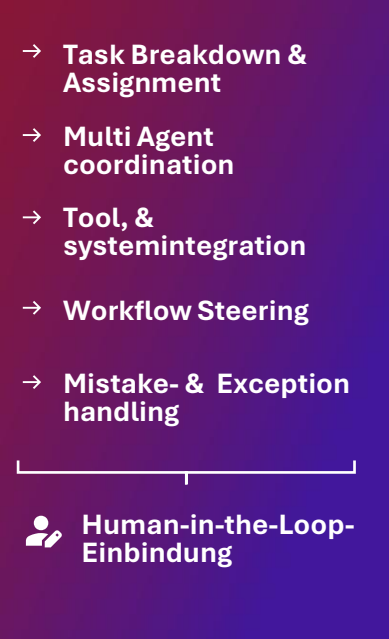
Input



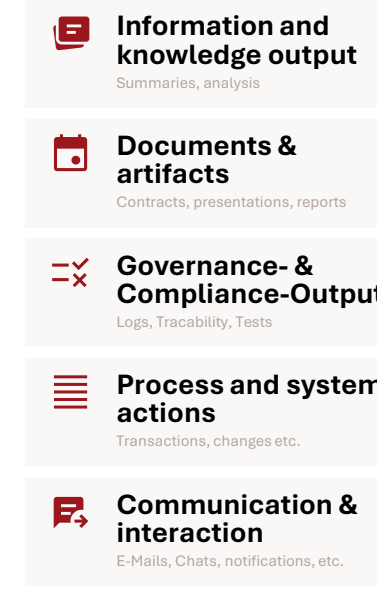
Analysis & Reasoning



Agent Orchestration



Output Categories



Business Impact



↓
Verfügbare Rohinformationen & Signale

↓
Understanding, Decision Basis, or Recommendation

↓
Stable, Executable Agent Flow

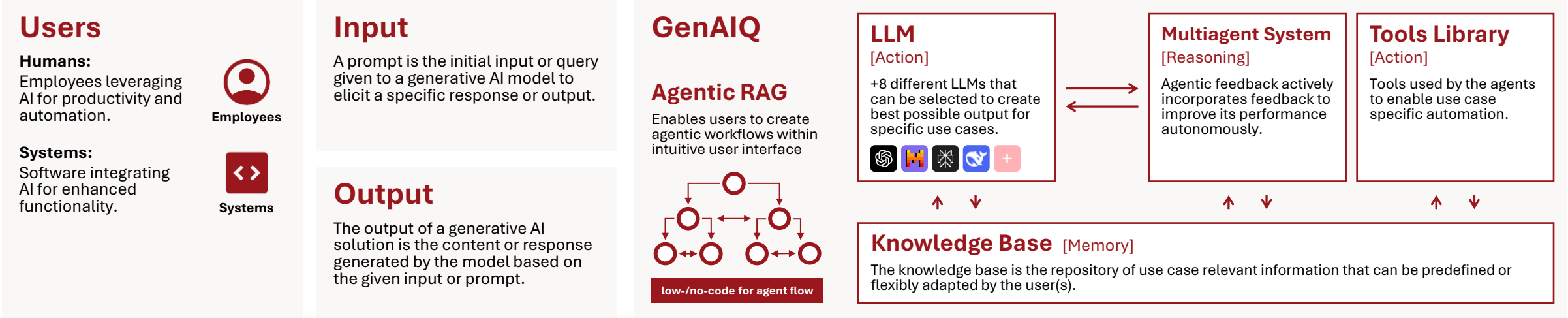
↓
Actionable, Business-Relevant Outputs

↓
Sustainable Business Value

Modular by design – GenAIQ seamlessly integrates into existing infrastructures

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GenAIQ leverages a modular architecture to ensure seamless integration with existing enterprise infrastructures and can run both on public and private cloud as well as on-premises.



Platform Characteristics				
User / use case specific & domain specific (e.g. regulations) knowledge bases	Sovereign Cloud - hostable on any cloud or on-prem	Complies with EU AI Act and GDPR data privacy guidelines (ISO 27001 Certified)	Integrated rights and role system (IAM & SSO)	Customizable User Interface towards user and use case requirements
Integrated Agent builder (no code)	Management of Multi-Agent Solutions	Available as web or local application for easy access	Flexible integration into existing infrastructure for E2E automation	Response traceability feature ensures AI explainability

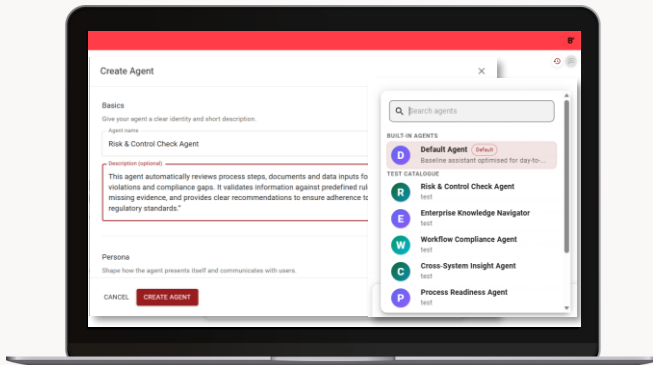
GenAIQ's No-Code Agentic Platform for Enterprise-Wide Automation

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GenAIQ's agentic capabilities enable scalable workflow automation by orchestrating reusable agents, simplifying execution for business users, and accelerating AI-driven decision-making across all operational domains.

AGENT CATALOGUE

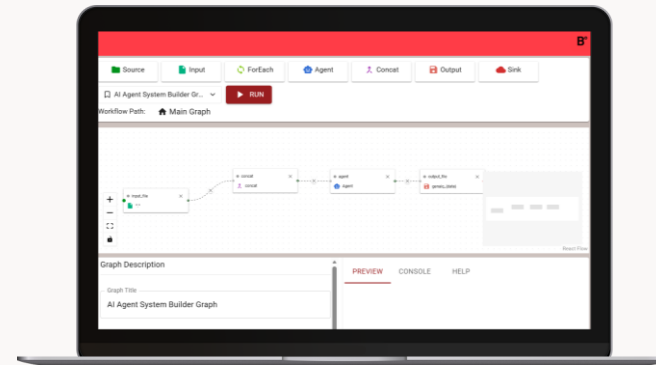
Library to configure, share, and reuse agents across teams.



- Central workspace to **manage all agents and prompt profiles**
- **Share agents organization-wide** for cross-team reuse
- Versioning ensures consistency and governance
- **Reduces duplication** by providing a single source of truth for workflows

AGENT SYSTEM BUILDER

Visual builder for designing multi-step, AI-driven workflows.



- Lets non-technical users run predefined agent workflows **with one click**
- **Drag-and-drop interface** for building agent chains
- Supports multi-step reasoning, branching logic, tool use, and data routing
- **Integrates with external systems** via MCP / APIs
- Enables scalable **orchestration of agents** for end-to-end automation

GenAIQ's no code platform for tailor-made automation workflows

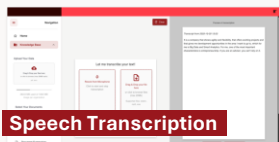
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Out-of-the-box capabilities are combined with configurable agents in GenAIQ's Agent System Builder to rapidly create tailor-made automation workflows.

OUT-OF-THE-BOX CAPABILITIES

GenAIQ provides a wide set of ready-made functions — the basic LEGO bricks from which every solution starts.

- Document parsing & classification
- Table extraction & summaries
- Model interaction & citations
- Prompt Library
- Knowledge Base
- ...

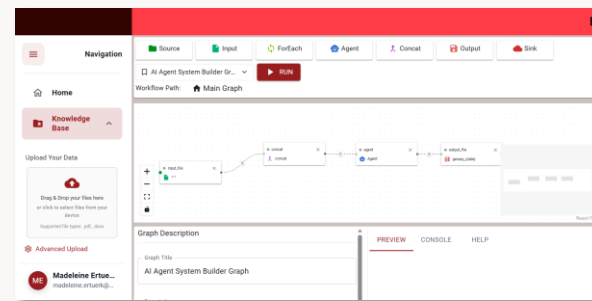


Illustrative

AGENT SYSTEM BUILDER

In the system builder, these components are assembled into complete workflows — like snapping LEGO bricks together to form a working model.

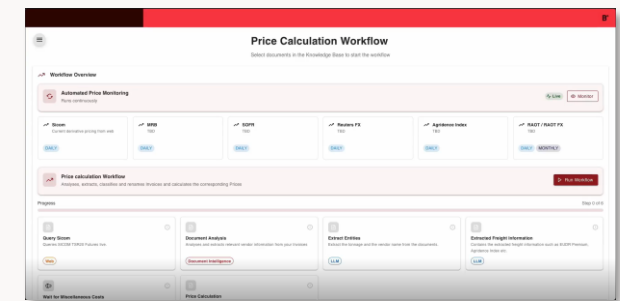
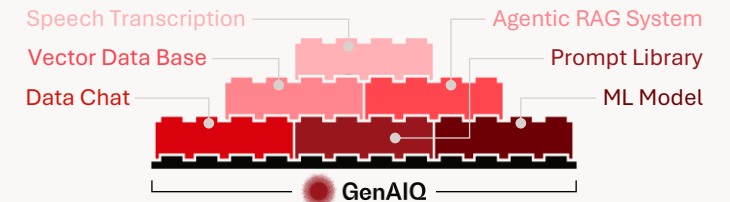
- Connect building blocks into automations
- Nodes for data sources, agents, models, output
- No coding — visual pipeline assembly



Illustrative

TAYLOR MADE CLIENT SOLUTIONS

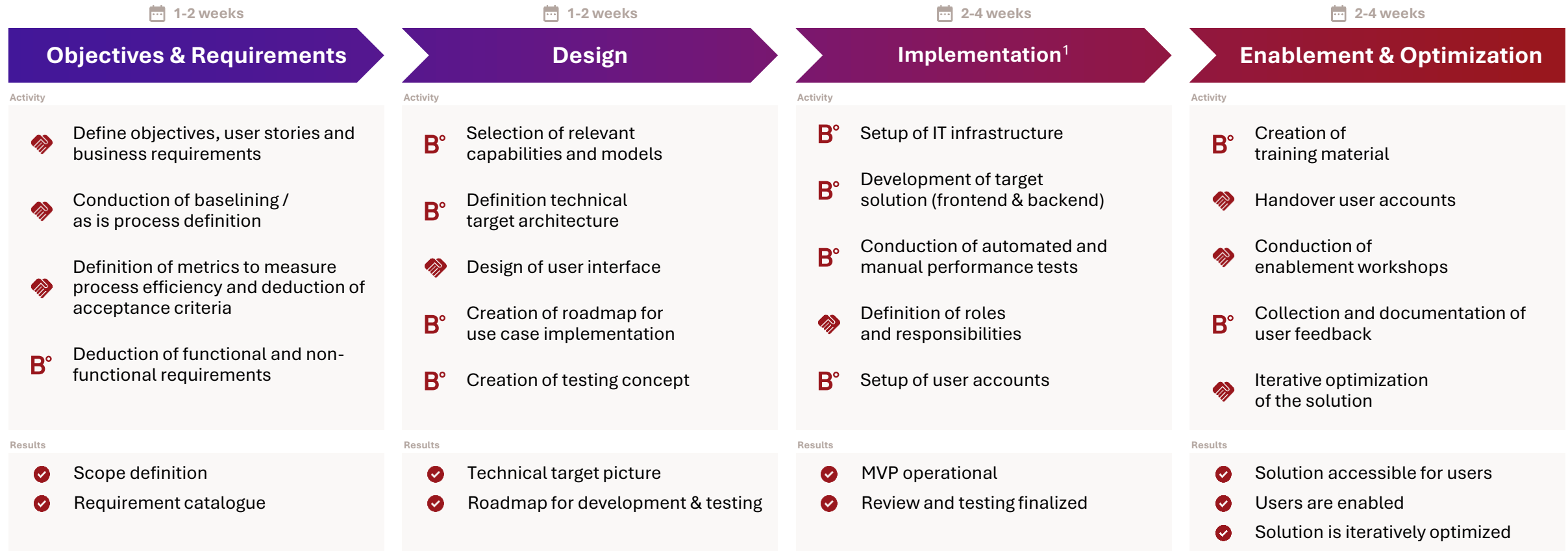
The result is a fully custom solution built entirely from modular, reusable LEGO blocks.



Illustrative

Rapid time-to-value with tailored customer delivery

GenAIQ provides all necessary building blocks for E2E business automation solutions – based on the concrete business requirements the final solution will be tailored towards the client needs and processes.



= Joint Effort = BearingPointTasks ¹ Depending on number of use cases / complexity of use case requirements implementation time can increase

Automation Solutions including configurable agents, complemented by AI Advisory

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Accelerate AI Adoption across the Enterprise with Ready-to-Use Capabilities, Configurable Agentic Workflows, and Trusted AI Governance.

THE GENAIQ OFFERING AT A GLANCE

 GenAIQ STRATEGY	 GenAIQ SOLUTIONS	 GenAIQ GOVERNANCE
 AI Use Case Ideation & Assessment	 GenAIQ.Procurement Optimizer	 Trustworthy AI & Compliance
 Process Baselineing & Business Case	 GenAIQ.Planning & Assurance	 User Enablement
 Target Operating Model Design	 GenAIQ.Financial Reporter	 AI Operations & Lifecycle Management

GenAIQ.Strategy helps with the identification of the “right” AI use cases.



Curate the right AI portfolio, ground investment with transparent baselines and ROI logic, and stand up a role-based Target Operating Model for repeatable outcomes.

USE CASE IDEATION & ASSESSMENT

- Automated transcription and documentation of stakeholder interviews including follow-up questions to systematically close assessment gaps
- Structuring of findings and systematic evaluation of data requirements, process complexity, risks and scalability
- Delivery of overall feasibility score and clear recommendations for use case prioritization



PROCESS BASELINEING & FINANCIAL IMPACT ANALYSIS

- Process baselineing through research and stakeholder interviews to quantify cycle times, manual effort, handoffs, and risk exposure across the end-to-end process
- Financial impact analysis based on baseline metrics, translating time savings, risk reduction, and complexity drivers into cost, efficiency, and ROI assumptions
- Derivation of ROI scenarios and investment rationale by comparing current-state performance with agentic target workflows



TARGET OPERATING MODEL CREATION

- Design of an AI-enabled target operating model defining future-state processes, roles, decision rights, and governance structures required to operationalize agentic automation at scale
- Development of target processes for agentic automation, translating prioritized use cases into standardized workflows, human-in-the-loop interactions, exception handling, and control mechanisms
- Alignment of technology, data, and operating capabilities by integrating agentic solutions into the target architecture and defining enablement measures



GenAIQ's AI Solutions for Three Core Business Domains



GenAIQ's solutions for process automation focus on reducing OPEX by minimizing manual workload across critical operational processes in procurement, planning & assurance and finance.

SOLUTIONS



GenAIQ. Procurement Optimizer



GenAIQ. Planning & Assurance



GenAIQ. Financial Reporter

BUSINESS PROBLEM



High manual workload in procurement processes leads to increased OPEX and a higher risk of losing money due to errors and delayed handling.

Strong dependency on suppliers and technical offices creates bottlenecks, slows down planning, and increases operational uncertainty.

High manual reporting effort and risk of overlooking new regulations can lead to issues and potential penalties.

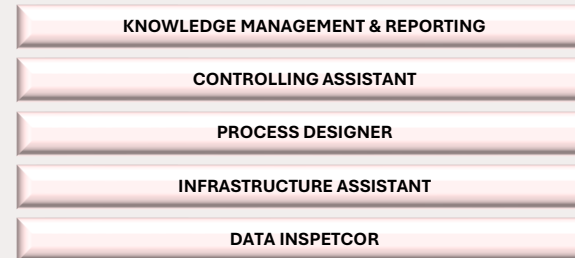
MODULES & AGENTS



Automates key procurement steps to cut manual effort and increase process reliability.



Automates planning and assurance workflows to accelerate cycle times and improve the quality and reliability of planning outputs.



Automates core reporting tasks for financial institutions to reduce manual workload and improve accuracy.



OUTCOME



- ✓ Reduction of manual procurement effort across core processes
- ✓ Increased process reliability through automated checks
- ✓ Faster, more consistent end-to-end procurement cycles

- ✓ Shortened planning cycles through automated validations
- ✓ Improved quality end-to-end
- ✓ Higher planning reliability with reduced manual coordination

- ✓ Reduced manual reporting workload and OPEX savings
- ✓ Improved reporting accuracy and regulatory confidence
- ✓ Faster, more consistent forecasting and stress-testing

GenAIQ.Governance supports with Trustworthy and Compliant AI Operations.



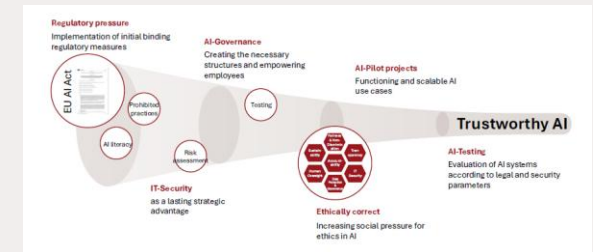
GenAIQ's governance capabilities provide robust structures for trustworthy AI by aligning legal, ethical, and technical requirements to ensure compliant, value-driven AI adoption across the enterprise.



TRUSTWORTHY AI & COMPLIANCE

Ensures technical robustness, ethical integrity, and legal across the entire AI lifecycle.

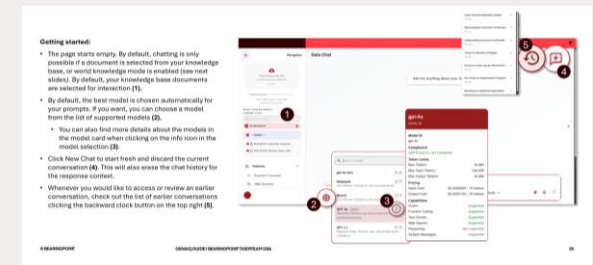
- AI accelerated identification and definition of legal requirements
- Coverage of all key categories of trustworthy AI: human oversight, accountability, data protection, transparency, IT security, fairness, and social/environmental wellbeing
- Development of frameworks for governance, risk management



USER ENABLEMENT

Ensures that users apply GenAIQ correctly and in line with defined governance standards.

- Provides structured enablement to ensure correct and responsible use of GenAIQ features and workflows
- Supports understanding of governance rules, and compliant usage patterns
- Reduces operational and compliance risks by ensuring consistent tool usage across roles



AI OPERATIONS & LIFECYCLE MANAGEMENT

Ensures that GenAIQ is operated and evolved in a compliant and controlled manner.

- Defines how AI solutions are deployed, monitored, and adjusted within governance
- Supports compliance, traceability, and risk management across the AI lifecycle
- Ensures stable and compliant AI operations aligned with Trustworthy AI & Compliance requirements



GenAIQ in the multi-vendor landscape – Agnostic, Separated & Customizable.

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GenAIQ runs in its own domain, integrates with any system and any LLM, and adapts to your exact processes - while Copilot, Einstein and Joule remain bound to their vendor ecosystems.

	GenAIQ by BearingPoint	Copilot	einstein	Joule
 Architecture & LLM choice	+ Agnostic	- M365-bound	- CRM-bound	- SAP-bound
 Data & Domain Separation	+ Own domain	- Needs M365	- SF Data	- SAP Data
 Agentic Automation & Workflow	+ Unlimited	= With additional paid subscription	- None	- None
 Integrations & ecosystem reach	+ Any system	= Connectors	- Limited	- Limited
 Customization (Process-Level)	+ Full	- Low	= Medium	- Low
 Scalability	+ Flexible	= Tenant limits	= SF limits	= SAP limits
 Compliance & Deployment	+ On-prem OK	= Cloud-only	= Cloud-only	= Cloud-only
 Pricing & hidden costs	+ Clear	- Hidden costs	= Add-ons	= Add-ons

GenAIQ is secure & explainable by design

B°

GenAIQ is regularly security tested, certified, compliant and its outputs explainable by design.

Secure by design

Technical & Operational Security

-  On-premise / Private-Cloud self hostable
-  ISO 27001 certified
-  Cyber Team Screening
-  LLM Red Teaming
-  Advanced Threat Inspection
-  Regular security tests/audits

Access & Governance

-  RBAC
-  Customizable “Knowledge Base”

Explainable by design

Transparency & Traceability

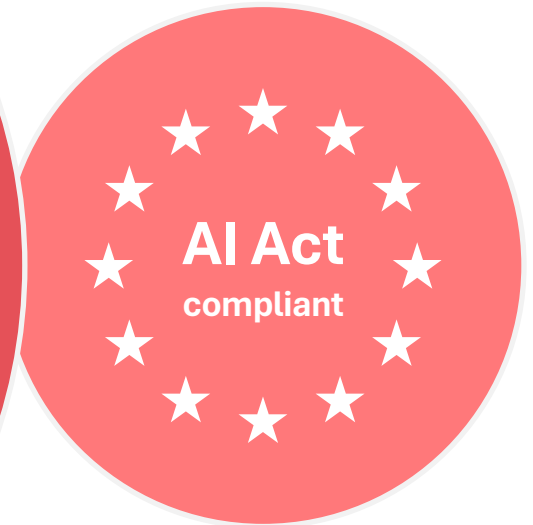
-  Explainable AI
-  Reference to source documents

Validation & Risk Reduction

-  Efficient output validation
-  Context-based hallucination prevention

Agentic RAG Architecture

-  No model training



Full data sovereignty and EU-AI-Act readiness

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GenAIQ can run entirely on-premise, keeping sensitive data, AI models, and workflows inside your own infrastructure to meet the highest security, compliance, and regulatory requirements.

SECURE DEPLOYMENT FOR HIGH-RISK AI USE CASES



Infrastructure Control

Clients maintain their own servers and networking hardware, allowing them to configure environments according to their specific policies and standards.

Data Security & Privacy

Since data never leaves the local environment, strict compliance with industry regulations and governance rules is enabled.

Customization & Integration

On-premise deployments allow deeper integration with existing local systems and legacy applications, tailored to unique business workflows.

Connectivity

While the solution runs locally, it can be configured to interact with external services or cloud components if desired, depending on network policies.

Technical Components

GenAIQ leverages Open Source Software components and LLMs that can run fully offline with no cloud connection

Security

- ✓ Applicative Server and Micro-Services
- ✓ User Interface
- ✓ Authentication
- ✓ Encryption
- ✓ Access Control
- ✓ Data Input and Transmission Control
- ✓ Disaster Recovery – Availability Control
- ✓ Data Segregation
- ✓ Client Order Control
- ✓ Security-Integrated Development Practices
- ✓ Disaster Recovery Plan
- ✓ Logging and monitoring
- ✓ Security testing and vulnerability assessment

GDPR

- ✓ Privacy by design and default
- ✓ Data minimization
- ✓ Consent management
- ✓ Data access and portability
- ✓ User Access controls
- ✓ Secure data processing
- ✓ Data Retention and deletion
- ✓ Data Segregation
- ✓ Third-Party Services Verification:
- ✓ Transparent Data Practices

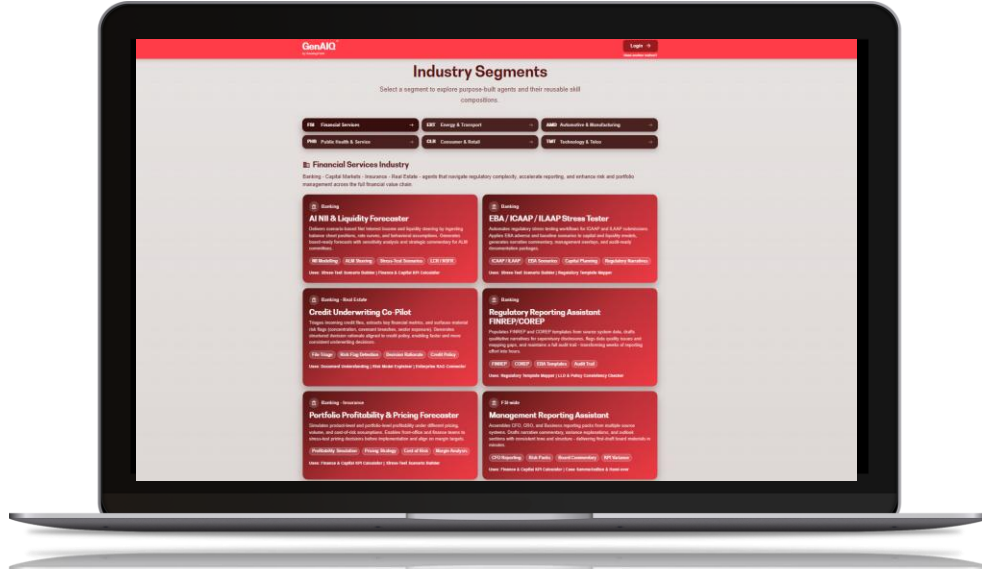


The GenAIQ.Agent Store provides predefined use cases across all segments.

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GenAIQ's solutions are built to scale across all industries – thereby, proven agentic workflows and agent skills can be leveraged in order to minimize time-to-production.

The **Agent Store** of GenAIQ enables teams to quickly activate proven, industry specific agents instead of building from scratch, ensuring consistency, security, and best-practice reuse.



Illustrative Use Cases		Automotive, Manufacturing & Defense	Consumer, Retail & Lifestyle	Energy, Resources & Transportation	Financial Services Industry	Public & Health Services	Technology, Media & Telco
1	GenAIQ Procurement Optimizer	Supplier Risk & Performance Agent	Demand & Replenishment Forecaster	Energy Trading & Position Insight Agent	Real Estate Asset Intelligence Agent	Grant & Funding Eligibility Assistant	Rights & Contract Insight Agent
2	GenAIQ Planning & Assurance	Engineering Knowledge Co-Pilot	Store Manager Co-Pilot	Asset Health & Maintenance Planner	Management Reporting Assistant	Policy Impact Simulator	Infrastructure Agent
3	GenAIQ Financial Reporter	Management Operations Cockpit Assistant	Pricing & Promotion Strategy Agent	Regulatory & Tariff Change Explainer	EBA / ICAAP / ILAAP Stress Tester	Budget Planning & Scenario Agent	Capacity & Traffic Forecasting Agent

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Thank you