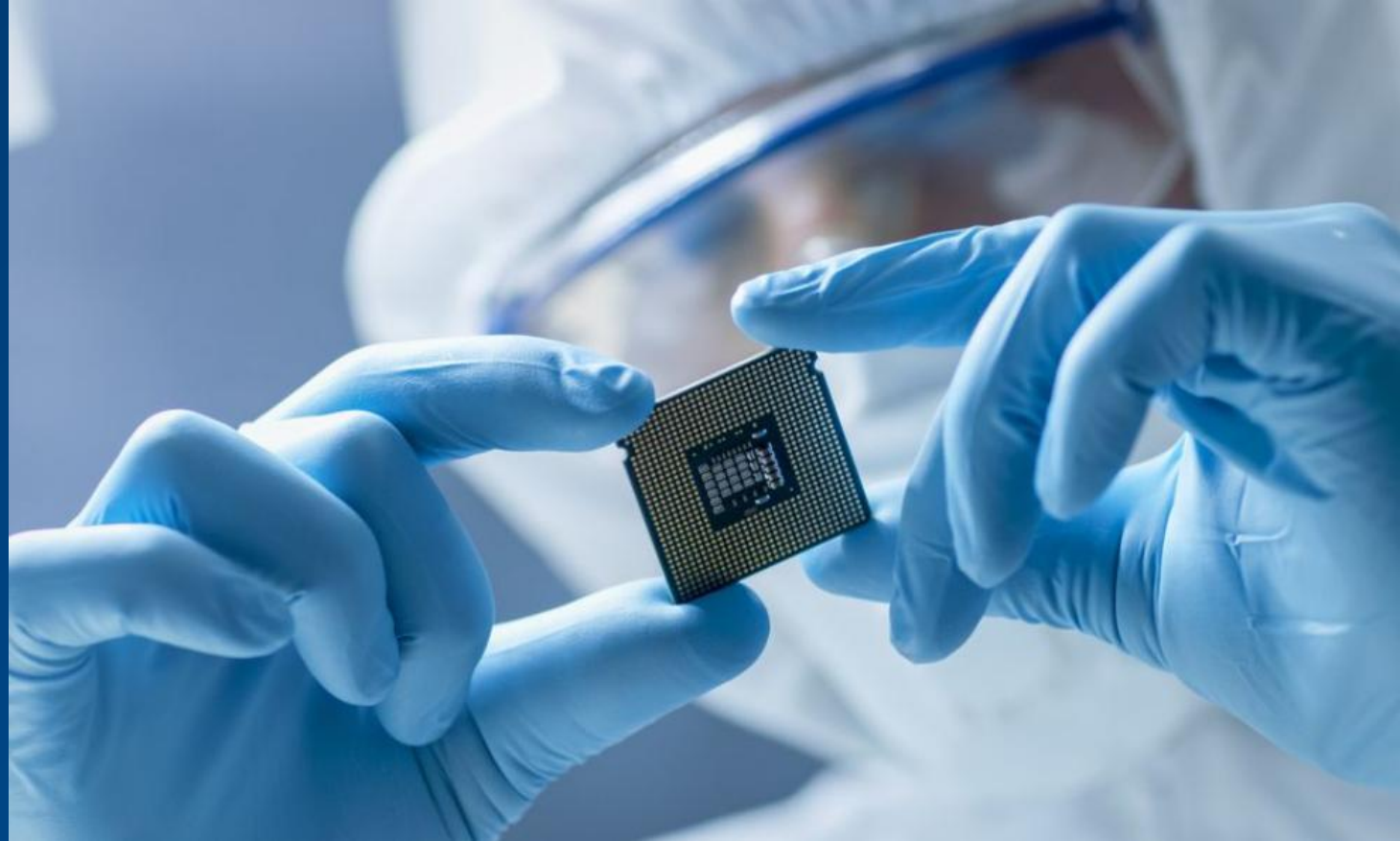
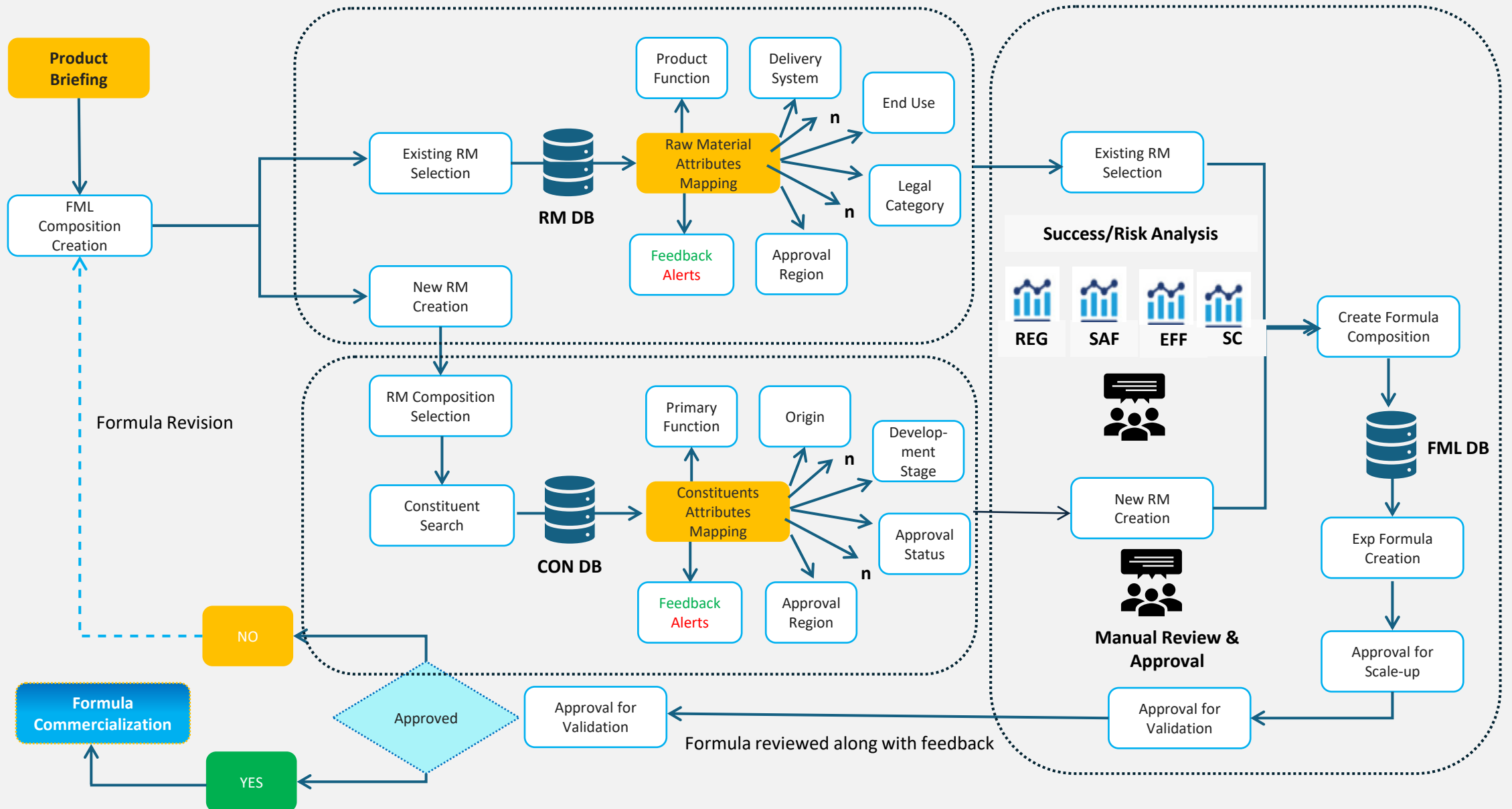


SmartFormulate

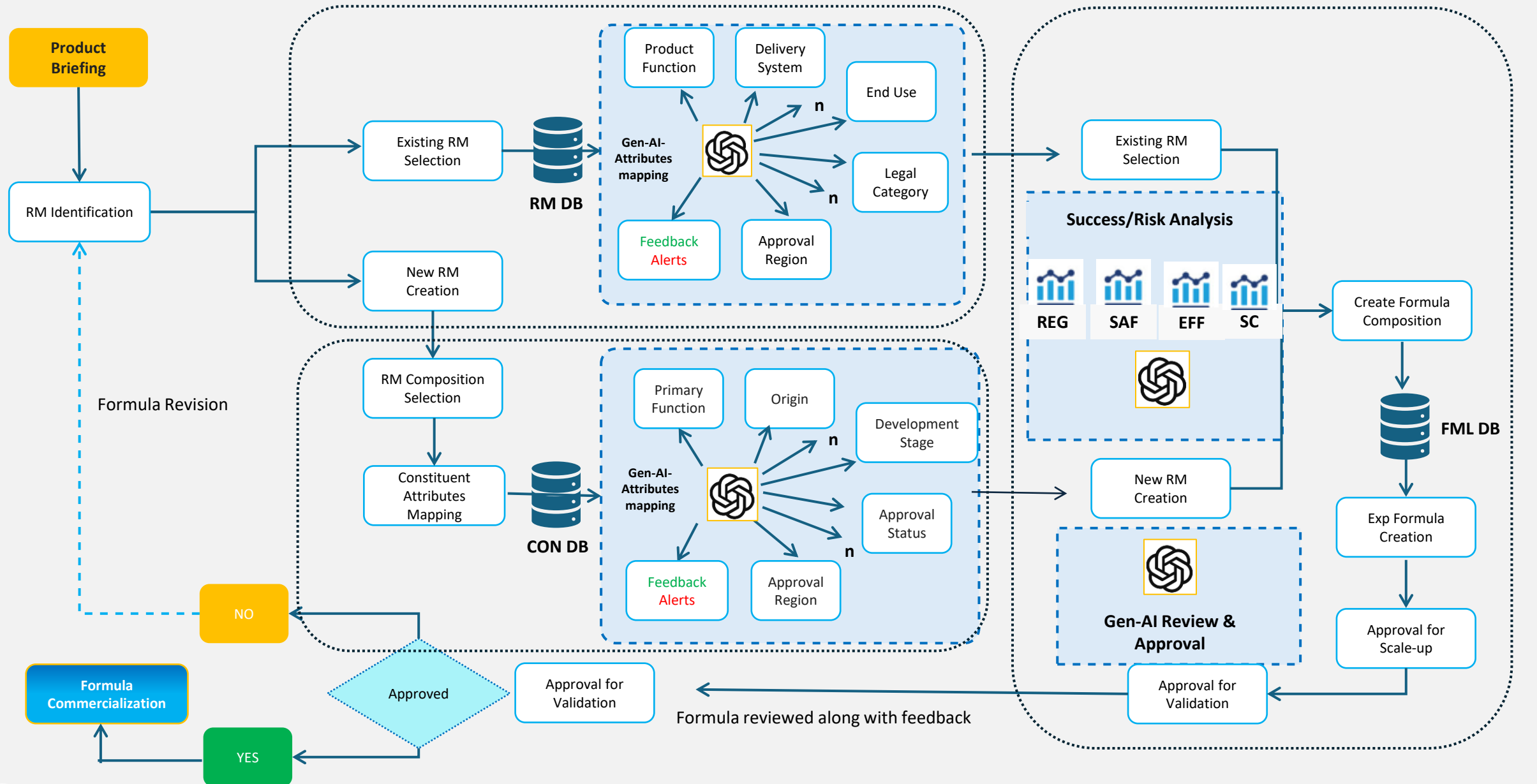
*Reimagining Formulation designing
with Generative AI*



Manual Product Designing Business Process



Gen-AI-Driven Product Designing Business Process



SmartFormulate - Reimagining Pharmaceutical Product Designing with Generative AI

Product Designing process in Life Sciences industries



LTIMindtree's SmartFormulate

LTIMindtree's SmartFormulate, a generative AI-powered Raw materials Data Discovery & Recommendation Platform that unlocks real-time insights from siloed enterprise data. It uses intelligent clustering and knowledge graph visualizations to reveal patterns, improve data visibility, and accelerate product innovation in life science industries.

Multi-layer Data Visibility

Gen-AI driven Knowledge Graphs facilitates multi-layer visibility across discrete siloed datapoints.

Contextual Search and Summarization

Gen-AI assists in contextual search of datapoints based on user's intent and summarizes the information in user-friendly contextual chatbot.

Data-driven Insights

Gen-AI extracts the key insights and patterns by identifying the relationships among siloed datapoints across different databases.

Single Source of Truth

Gen-AI provides the single source of truth for all available information on CON/RM for informed decision making.

Business Benefits

- ✓ Enhancement in successful marketing approval in intended regulatory region
- ✓ Increase speed of new product development
- ✓ Provide real-time data access and suggests recommendations to formulators for alternative raw materials
- ✓ Optimizing supply chain and resource planning

Benefitted personas

- Product Formulators/scientists
- Approver
- R&D Team
- Supply Chain Optimization
- Data-Driven Enterprises

Tech Stack

- Open AI
- Vector Database
- SQL Database
- asp.net core
- HTML,CSS JavaScript

Thank You

