

Aras Innovator*Edge* AI Agents Overview

Aras Innovator*Edge* AI introduces a suite of **specialized agents** designed to operate directly on the digital thread.

These agents are not disconnected AI tools; they are governed, identity-aware services that activate the intelligence already embedded within your Aras Innovator system of record.

What are Aras Innovator<i>Edge</i> AI Agents?

Aras Innovator*Edge* AI Agents are specialized AI services built to perform specific analytical or task-oriented functions within the product lifecycle.

They are categorized into two primary groups based on their functional purpose:

1. Conversational Agents (Discovery)

Embedded within the Aras AI Assistant, these agents help users navigate, analyze, and reason across complex product data using natural language.

- **Analytics & Insights Agent:** Provides natural language analytics over structured product data to speed time to insight.
- **Knowledge Analysis Agent:** Utilizes semantic reasoning across documents and digital thread relationships to uncover historical design intent.

2. Task Assistant Agents (Enrichment)

These agents focus on automating high-friction engineering workflows by creating structured relationships and normalizing data.

- **Requirements Ingestion Agent:** Transforms unstructured PDF documents into governed, structured Requirement Items.
- **BOM Assistant Agent:** Normalizes incoming supplier BOM data into standard Aras structures.
- **Smart Variant Agent:** Analyzes product documentation to assist in the creation of variant models and configurations.

Why This Matters?



The introduction of AI agents built directly on the digital thread represents a strategic shift from traditional "bolt-on" AI approaches.

Activating the Existing Foundation

For organizations invested in Aras Innovator, the foundation for scalable AI is already laid. These agents do not require you to start from scratch; they activate the intelligence in the digital thread you already own.

By grounding AI in your system of record, Aras ensures that insights are derived from authoritative, up-to-date data.

Governed and Secure Intelligence

Enterprise AI requires more than just performance - it requires governance.

- **Traceability:** Every action and outcome produced by an agent is recorded as part of the product record, maintaining a traceable chain of evidence for compliance and auditing.
- **IP Protection:** Every API call is contextualized and identity-aware, ensuring that agents only access data the user is authorized to see.
- **Model Sovereignty:** Aras does not use customer digital thread data to train foundation LLMs. All data interactions occur within the customer's governed tenant boundaries.

Solving High-Friction Business Pains

By bridging the gap between unstructured data (like PDFs and spreadsheets) and structured PLM objects, AI agents reduce the dependency on specialized AML/SQL experts. This shifts human effort away from manual data entry and transcription toward high-value validation and decision-making, significantly accelerating the path from "engineered-to-order" to "configure-to-order."

