



**AI QoD**

Empowering Enterprises

## Smart Digital Enterprise Driven by Multi AI Agent



# How AI is Transforming Enterprises?

**McKinsey & Company** reports a significant increase in AI adoption, with 72% of organizations using AI, up from about 50% in previous years.

**Gartner** predicts that by 2026, over 80% of enterprises will have utilized generative AI APIs or models

## Business Challenges

Difficulty in scaling AI adoption due to skill gaps.

Resistance to embracing functional change driven by AI.

Budget constraints affecting digital transformation.

# Technical Challenges



Scaling up / down

Lack of seamless experience

- Multiple Applications/Dashboards/User Interactions
- Distributed Operations

Cost

- High Infrastructure Costs
- Maintenance

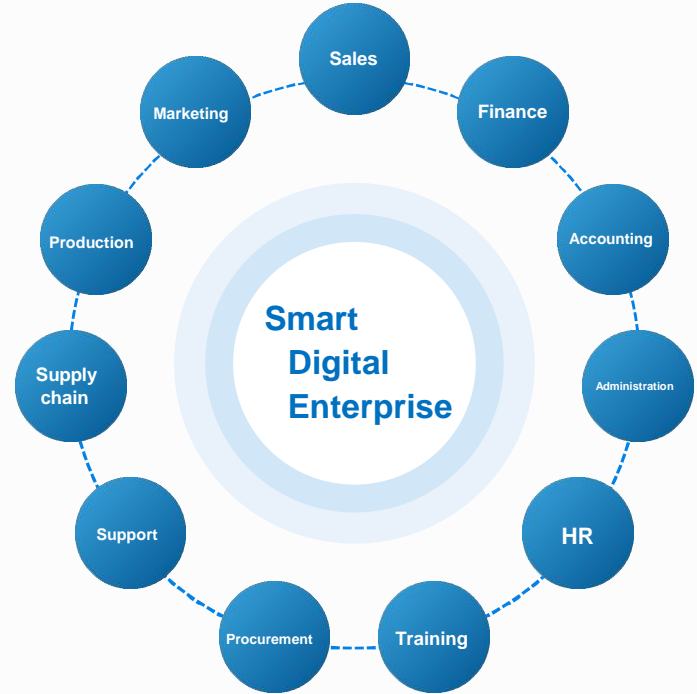
# Smart Digital Enterprise driven by Multi AI Agent

## Real-time Analytics | Virtual Assistant

AIQoD as a Multi-AI Agent framework for every function in an enterprise.

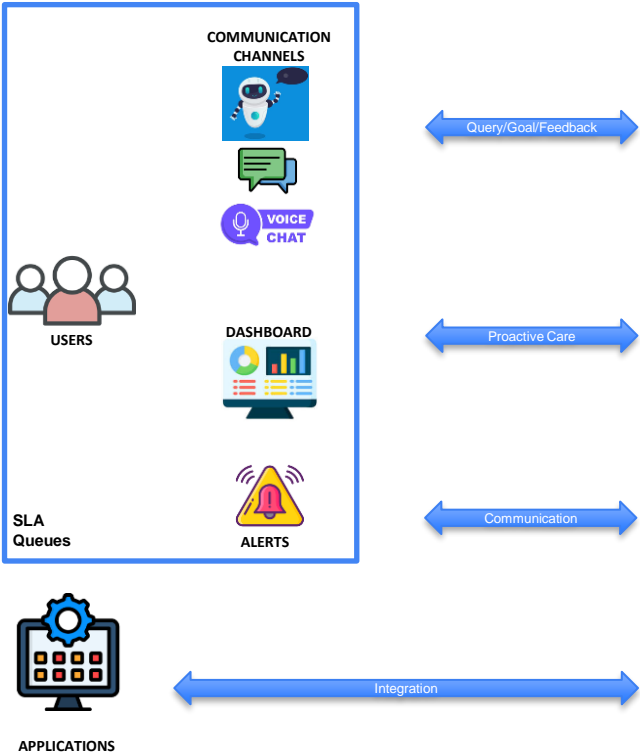
Seamlessly integrates with your existing enterprise ecosystem of applications, transforming your business into a **Smart Digital Enterprise**.

With AIQoD's intuitive **no-code/low-code** framework, you can easily configure, build and deploy AI Agents

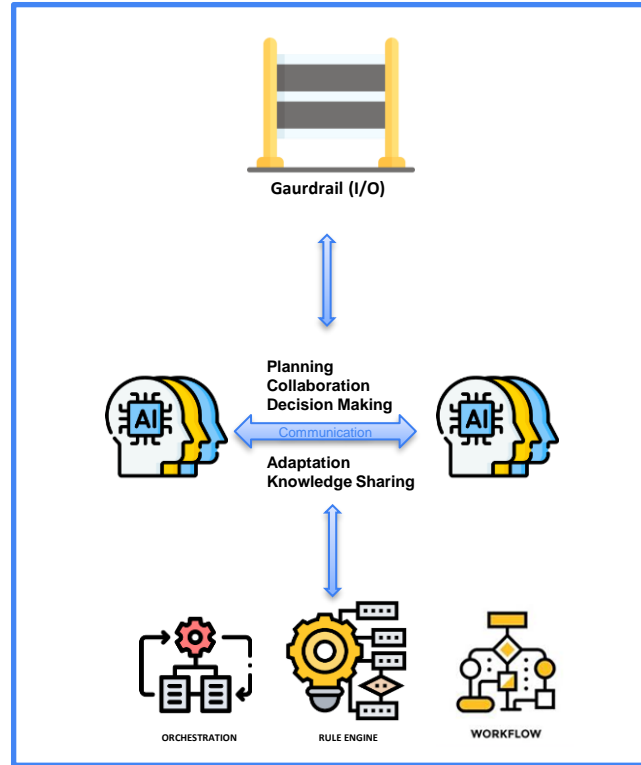


# AIQoD Multi AI Agent Architecture

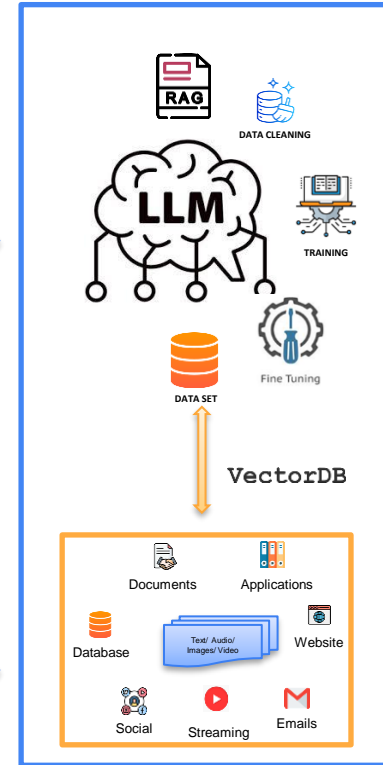
## Human in Loop



## AI Agents



## LLM



Security

Role/Permissions

Multi-Lingual

DMS

Offline Mode

OS/Device

Cloud/On-Premise

**Build AI Agents within weeks with AIQoD360 Multi AI Agent Architecture enabling seamless integration across enterprise functions, delivering efficiency and reducing costs**

<p><b>TTM of 2 weeks to 4 weeks</b></p>	<p><b>Unstructured Data (Video/Audio)</b></p>
<p><b>Multi-Lingual</b></p>	<p><b>Multi-Modal AI Architecture</b></p>
<p><b>Mobile First ready strategy</b></p>	<p><b>Cloud/On-Premise</b></p>
<p><b>Dashboards &amp; Alerts</b></p>	<p><b>Virtual Assistance</b></p>



# Industry Specific Use Case

AIQoD Banking Solution leverages Multi-AI Agents to streamline complex banking operations with unparalleled efficiency. From loan processing and fraud detection to automated reconciliation and smart document management, it empowers banks with AI-driven precision and agility.

## Solutions

- **Loan Credit Analysis:** Automated analysis of credit reports, financial, other documents and customer profiles to prepare a Credit summary report.
- **Signature Validation:** Automated validation of signatures in documents like cheque clearance.
- **MIS Dashboard:** Data extraction from various sources and real time dashboard for understanding overall health of the bank and its branch performance.
- **Fraud Detection:** AI models analyzing patterns to identify suspicious transactions and potential fraud risks in real time.
- **Customer/Vendor Onboarding:** Onboarding with automated communication for all required documents along with validation.





Logistics industry traditionally have been dealing with a lot of paperwork and handling those makes them operationally very inefficient. AIQoD data extractor agent helps logistic firms to digitally transform themselves and helps in reducing cost and platform with guaranteed ROI.

## Solutions

- **3W Reconciliation:** Digitize and reconcile BoL, BoE and supplier Invoices using OCR/ML/GenAI based data extraction and validation for accurate reporting.
- **AWB Audits:** End-to-end automation of the AWB lifecycle, from data extraction and validation to rate calculation, applying complex business rules to determine freight charges, additional costs, and total revenue, with seamless system integration.
- **Invoice to Shipment Creation:** Automate email reading, data validation, and posting of Airway and Seaway bills into logistics platforms for processing.



# Compliance Monitoring with Gen AI

Fleet management requires strict adherence to various regulatory requirements, including vehicle inspections, emissions standards, and driver work-hour limits. Manually tracking these compliance measures is time-consuming. Gen AI automates compliance monitoring by continuously analyzing data from multiple sources

## Solutions

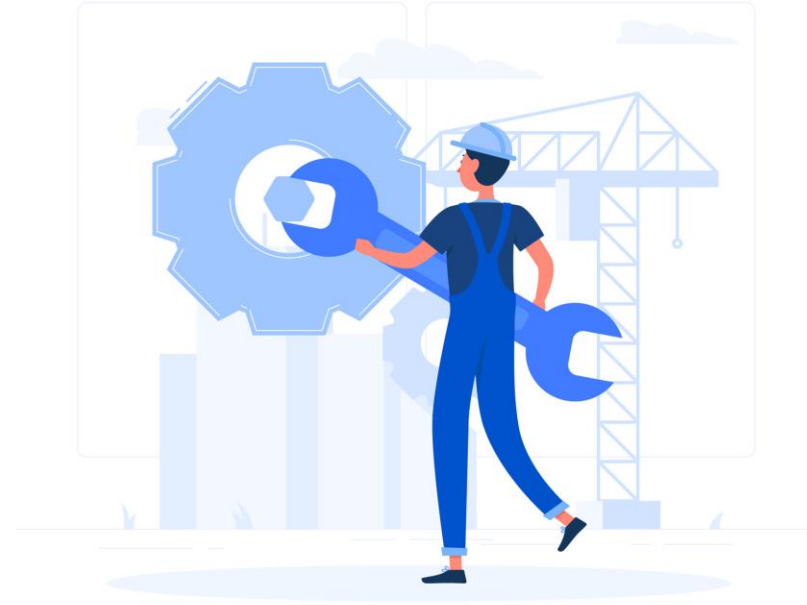
- 1. Vehicle Compliance Tracking:**
  - Manage PUC, RC, Insurance, and Road Tax for all vehicles.
- 2. Driver License Management:**
  - Monitor license validity and ensure driver compliance for assigned vehicles.
- 3. Document Repository:**
  - Upload and store documents in image/PDF format for easy access.
- 4. Automated Alerts:**
  - Notify stakeholders of expiring documents well in advance.
- 5. Interactive Dashboard:**
  - Real-time overview with color-coded status (Green: Compliant, Yellow: Expiry Soon, Red: Non-Compliant).



MRO organizations struggle to efficiently process MRO documents (work orders, task sheets) due to manual data extraction and validation. This leads to errors, delays, and difficulty identifying changes in document layouts.

## Solutions

- Extraction of Customer work package details
- Extraction of Task details e.g. type, category, reference number, description
- Extraction of Task list with associated details e.g. status, reference number, description
- Engineering instructions, parts and other tool requirements
- Validation of extracted data
- Posting into ERP platform for work order execution



Gen AI-Based InsightIQ leverages Multi-AI Agents to revolutionize data scraping in the pharmaceutical industry. By automating multi-source extraction, organizing multilingual data, and delivering structured insights, it empowers companies to make strategic, data-driven decisions efficiently.

## Solutions

- **Evidence Library:** Extract and summarize data from medical publications using OCR, ML, and NLP for enhanced data analytics and insights.
- **HTA (Health Technology Assessment):** Cognitive data analytics from various sources (Web, Excel, PDFs) for specific formats and multi-lingual translation to English for global applications.
- **Medical Report Digitization:** Automate extraction of data from medical reports, ADR, bills, prescriptions, and consent forms for faster processing and compliance.
- **Product and Pricing Analysis:** Sourcing product pricing information from various country local language websites using GenAI and providing dashboards for decision making
- **Product Performance Monitoring:** To scrape data from social media, open forums like Quora, retrieve orders data from e-commerce apps and give a summarize view and sentimental analysis summary to the pharma company as dashboard

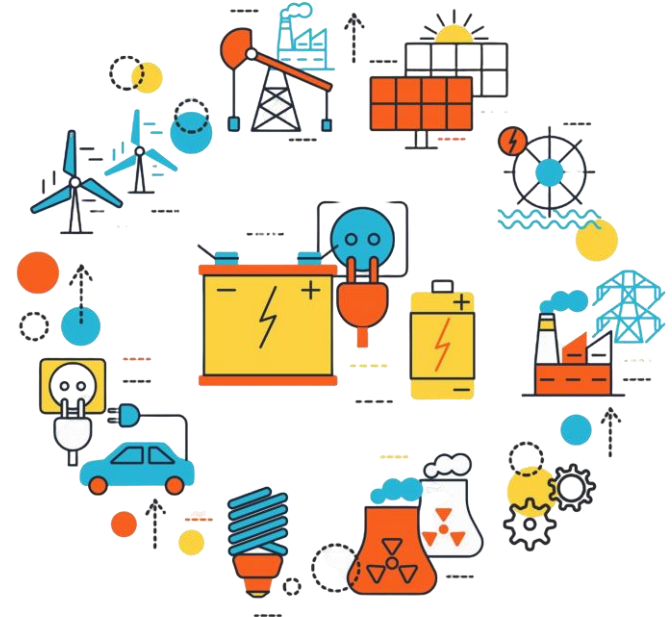


# Work Order & Asset Management

GeoTwinX is a work order and asset management solution for organizations like utility companies who have their field engineers managing and maintaining assets in various locations.

## Solutions

- **Centralized Asset and Work-Order Details:** GeoTwinX provides site engineers with detailed asset and work-order information via a GIS-enabled system.
- **Mobile Access:** Engineers can log in to the AIQoD system on mobile devices for real-time work-order management.
- **Map-Based Work-Order Visualization:** Assigned work orders are displayed on an interactive map for easy navigation and updates.
- **Streamlined Asset Installation:** Engineers can right-click on work orders, complete installations, and submit details through a digital form.
- **Real-Time GIS Updates:** Completed work orders automatically update in the GIS system, ensuring data accuracy and operational transparency.





# Industry Agnostic Use Case

# Invoices, Utility Bills, PO, and GRN Use Case

Multi-AI Agents to transform invoice processing with Gen AI-powered data extraction, rule-based validation, and seamless ERP integration. With multilingual support, dynamic dashboards, and an auto-approval mechanism, it ensures accuracy, efficiency, and compliance in utility bill management.

## Solutions

- **Invoice Automation:** Automate data extraction, validation, and reconciliation for invoices, ensuring precision and compliance with business rules
- **Utility Bill Processing:** Reader Bots fetch invoices from shared folders, automated mailboxes, or websites (no captcha), while Hyper-OCRi Bots extract and process text and images for validation.
- **PO & GRN Automation:** Automate the extraction and reconciliation of purchase orders and goods receipt notes, for 2W and 3W reconciliation and ensuring seamless integration with ERP systems.



# Contract Digitization

We have Implemented Intelligent Document Digitization at Leading IT & Communication Tech company in APAC to digitizing Legal Document and streamline document management, enhance accessibility, and improve overall efficiency in legal processes.

## Solutions

- AIQoD Contract Digitization solution based on Gen AI addresses the issue of tracking and monitoring specific clauses, risks, contingencies, renewals, etc. for huge volumes of contracts by extracting data in a machine-readable format.
- More than 120 parameters extracted and stored for data analysis.
- Tracking and Monitoring of Contracts was time consuming and manual effort.





# Smart Background Verification

AIQoD Smart BGV platform leverages Gen AI and ML technologies to streamline the BGV process, offering a comprehensive solution that enhances accuracy, consistency, and efficiency while significantly reducing costs.

## Solutions

- **Automated Document Processing:** Streamlines the intake and management of various document types and formats.
- **Accurate Data Extraction:** Utilizes advanced AI and machine learning for precise data extraction.
- **Streamlined Verification and Reconciliation:** Automates the verification process and ensures accurate reconciliation of information.
- **Quality Control (QC) Report Generation:** Produces detailed QC reports to ensure compliance and accuracy.
- **Management Information System (MIS)/Enterprise Resource Planning (ERP) Integration:** Seamlessly integrates with existing systems for improved data management.
- **Improved Turnaround Time (TAT):** Significantly reduces the time required for completing BGV processes.



Real-time monitoring of CCTV footage is essential for detecting security and safety incidents, ensuring rapid response to potential hazards like vandalism, theft, fire, and accidents. Leveraging AI/ML technology enhances the accuracy and efficiency of incident detection, improving overall asset management and safety.

## Solutions

- Continuously monitor CCTV footage through AIQoD's Activity Detection Model.
- Detect human presence, activity, weapon detection, and camera issues like angle changes and feed loss.
- Classify incidents into categories such as theft, vandalism, fire hazards, and water surges.
- Send automated alerts via SMS, WhatsApp, and email to stakeholders based on incident severity.
- Use feedback from users to improve model accuracy through continuous learning.
- Implement predictive analytics based on past incidents to forecast potential risks.

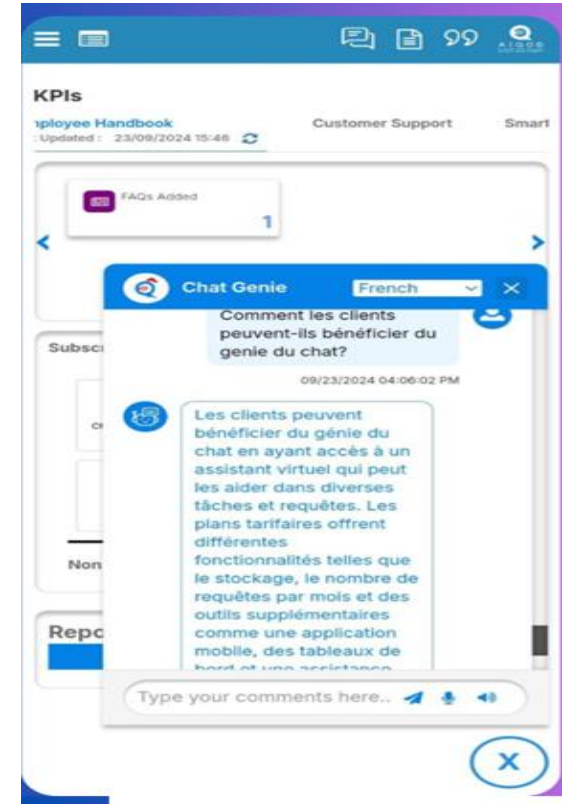


# Virtual Assistant

We have implemented an GenAI-based Virtual Assistant in our platform to handle queries on tasks, policies, and invoices, enhancing efficiency, accuracy, and user satisfaction while ensuring robustness and data privacy with regular updates for optimal performance.

## Solutions

- **AI-Powered Chat Genie:** Combines Natural Language Understanding and contextual awareness to deliver seamless voice and text-based interactions in 22 Indian and major international languages.
- **Comprehensive Knowledge Management:** Integrates multiple sources, including documents, FAQs, and databases, to provide accurate and contextual responses.
- **Employee Assistance & Helpdesk:** Simplifies employee support with an intuitive chatbot for handbook access, helpdesk queries, and voice-enabled solutions.
- **Context selection:** In Virtual Assistant, users can specify the context they want to query about, allowing the AI to provide information and responses relevant to that particular product.
- **Quick response:** Virtual Assistant delivers rapid responses, leveraging its ability to process and generate text swiftly across various topics and queries.



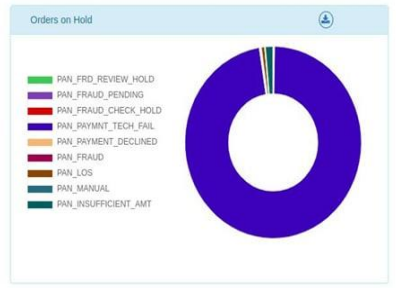
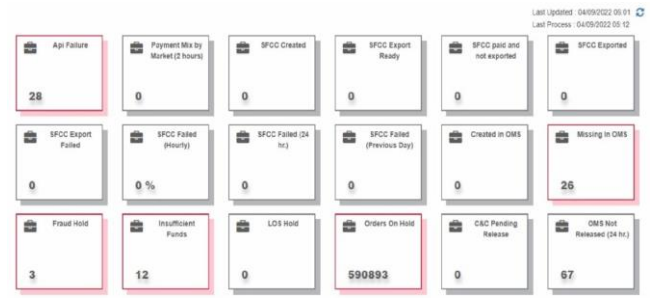
# Enterprise Dashboard



Enterprise Dashboard leverages Multi-AI Agents to seamlessly integrate data from diverse sources, validate and summarize insights, and deliver actionable intelligence through automated alerts, dashboards, and scheduled reports.

## Solutions

- **Versatile Data Connectors:** Seamlessly integrate with various applications using databases, APIs, and file-based interfaces.
- **Data Validation & Summarization:** Ensure data accuracy with robust validation, calculations, and concise summarization.
- **Automated Alerts:** Stay informed with real-time notifications for critical updates and actions.
- **Interactive Dashboards:** Gain actionable insights through visually intuitive and customizable dashboards.
- **Scheduled Reporting:** Automate report generation and distribution for timely decision-making.
- **Proactive Care:** Address potential issues in advance with intelligent monitoring and alerts.



# Sales & Marketing Agent

The Sales & Marketing Agent is the perfect solution for streamlining all activities in sales and marketing. From lead management and automated content generation to campaign performance tracking and data-driven insights

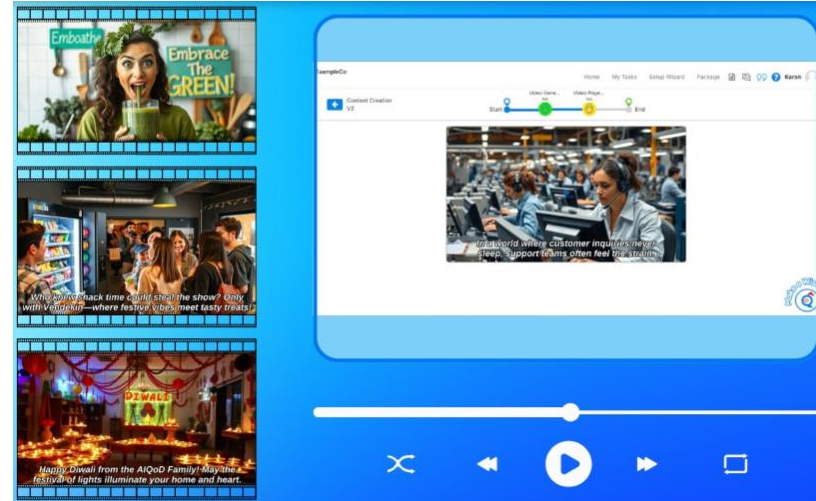
## Solutions

### Sales:

1. **Lead & Contact Management:** Efficiently manage and track leads and contacts in a centralized system.
2. **Bulk Upload:** Easily upload large volumes of contact data for seamless integration.
3. **Sales Metrics & Dashboard:** Monitor sales performance with real-time metrics and interactive dashboards.
4. **Kanban Board:** Simplify lead management with an intuitive Kanban board for easy tracking and updates.

### Marketing:

1. **Automated Content Generation:** Automatically generate emailers, videos, and social media content for campaigns.
2. **Automated Marketing Campaigns:** Streamline campaign management with AI-powered automation.
3. **Campaign Performance Dashboards:** Track and optimize marketing campaign performance through dynamic dashboards.



# Customers – Representative List



# Key ROI Highlights

- **Cost Savings:** Up to **40%** reduction in operational expenses
- **Revenue Growth:** **25%** increase in sales within the first year
- **Productivity Gains:** **60%** improvement in employee efficiency
- **Time-to-Market:** **70%** faster product launches
- **Payback Period:** Achieved in **6-8 months**
- **Overall ROI:** **150%** over 2 years



# Thank You

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**PR Krishnan**  
Ex-Executive VP at TCS



**Top 30**  
Startups



**Top 15**  
Finalists



**Top 34**  
(~500 participants)



**Top 250**  
(~2500 participants)



**Proud Partner of**  
**Intel AI Builder**



**Winner**  
(~1000 participants)