

YourObject

AI-powered Object Classification and Identification

YourObject uses AI-powered image recognition to instantly classify packages for faster routing or identify objects to automate Harmonized Tariff Schedule (HTS) Codes before costly mistakes happen.



Atos

Challenges

Package sorting staff currently eyeball packages to determine handling requirements – slow, inconsistent, and hard to scale during peak volume.

Determining the correct tariff code is often manual and error prone. Misclassification can lead to customs delays, fines, or shipment rejection.

Items containing lithium-ion batteries or other regulated materials need special handling.

Without upfront identification, fragile goods get stacked incorrectly or heavy items get mismatched to inappropriate transport methods, driving up damage claims and returns.

High-volume operations need instant sorting decisions.

Solution

YourObject uses an integrated Small Language Model (SLM) to accurately classify packages from single or multi-sided images captured during sorting operations.

Powered by Retrieval Augmented Generation (RAG), YourObject recognizes an object along with its key relevant properties.



Atos differentiators

Self-contained architecture.

YourObject operates independently of external software components and deploys on-premises or in a private cloud.

RAG-powered accuracy.

By leveraging enterprise data – such as current tariff code tables or part inventories – YourObject continuously improves object identification accuracy.

Built for every user.

A modern, intuitive interface serves both business users and operational teams with equal ease.

Seamless integration.

Structured output (JSON, XML, or CSV) and a REST API enable fast, flexible integration into existing workflows – including mobile applications.

Benefits

Eliminates manual visual inspection.

Integrates seamlessly into automated sorting and robotics workflows for real-time decisioning.

Automated HTS code suggestions reduce customs delays, fines and misclassification risks.

Flags regulated contents (e.g., lithium-ion batteries) before they enter the shipping pipeline.

Reduces damage and loss from mishandled fragile or heavy items.

Produces clean, structured data that feeds directly into downstream systems.

Adapts across industries – postal, logistics, automotive, and beyond – as a universal object classification and identification solution.



About Atos

[Atos](#) is the Atos Group brand dedicated to AI-powered, secure, end-to-end digital services. Atos designs, develops, and operates critical digital environments that drive performance, resilience and sovereignty, helping public and private organizations worldwide retain control over their data and infrastructures, while meeting regulatory requirements.

With more than 52,000 employees serving over 4,500 clients across 54 countries, Atos helps modernize core IT systems, accelerate cloud and data transformation, strengthen cybersecurity, and deliver secure digital workplace environments to support its clients, its employees and society. Atos also provides consulting and advisory services through its Atos Amplify brand.

A trusted partner in operating complex and mission-critical environments, Atos supports organizations across highly regulated and sovereign contexts.

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Let's start a discussion together



About Atos Group

[Atos Group](#) is a global leader in digital transformation with c. 54,000 employees and annual revenue of c. €7.2 billion, operating in 54 countries under two brands - Atos for services and Eviden for products and systems. European number one in cybersecurity and a leader in cloud, Atos Group is committed to a secure and decarbonized future and provides tailored AI-powered, end-to-end solutions for all industries. Atos Group is listed on Euronext Paris.

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