EXODIA
AI TECHNOLOGIES

YEAR 2024

COMPANY PRESENTATION

WELCOME MESSAGE

“The first one gets the oyster;
the second gets the shell.”

– Andrew Carnegie

Straight to the point.

For years, we have offered solutions for pioneers and forward-thinking entrepreneurs who see AI as a prosperous future for themselves and their businesses.

SOME OF OUR CLIENTS...

DeAgostini
Entertainment

SPAR
Retail

TUNE
Platform

Vertex
Pharma

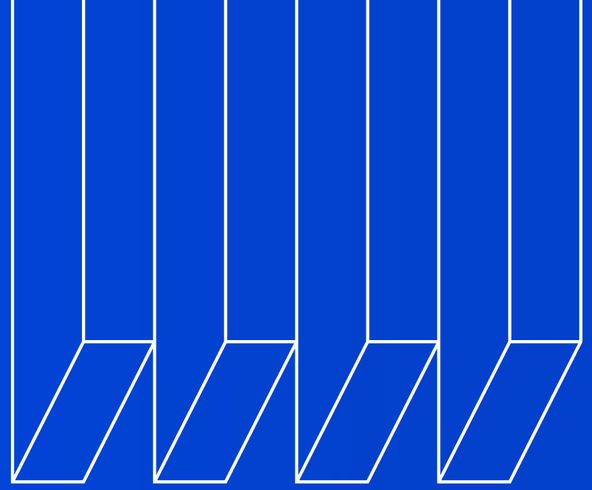
KitKat
Food & Beverage

Uniqa
Insurance

In 2023, we partnered with the Italian Government to provide our AI services.

In 2023, our clients successfully secured over $16 million in funding.

Since 2022, we have proudly secured an impressive 91% client retention rate.



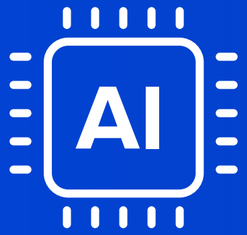
THE PROBLEMS

1. Lack of a Real AI Expertise
2. Lack of a Data Infrastructure
3. Long & Expensive Hiring Processes
4. Lack of a Clear AI Strategy

OUR SOLUTIONS

Customized Data Infrastructures

AI Business Automations



End-to-End AI Strategies

Compliant Data Privacy Systems

CASE STUDIES

CLAIM ANALYSIS

INSURANCE INDUSTRY

Challenge

Before implementing AI, our client faced challenges with manual claims processing, including long processing times, high administrative costs, and inconsistent customer experiences. On average, claims took 18 days, leading to customer dissatisfaction and operational inefficiencies.

AI Implementation

We have created an advanced AI-powered claims management system that automates the entire claims process, from intake to report generation. By utilizing machine learning, computer vision, and natural language processing, our system can extract data from submitted documents and evaluate vehicle damage, substantially improving claims operations efficiency.

RESULTS

+1500 CLAIMS

The processed claims per month increased from 4000 to 5500.

$400K SAVED

Estimated annual savings of $400K due to reduced administrative expenses.

ONLY 3 DAYS

Average claims processing time dropped from 18 days to 3 days.

FRAUD DETECTION

INSURANCE INDUSTRY

Challenge

The client experienced significant problems with fraudulent claims, which led to financial losses. Traditional fraud detection methods were reactive and ineffective, resulting in an average detection accuracy of 60%.
Additionally, 13% of the fraudulent claims turned out to be false positives, which hindered the efficiency of the investigation process.

AI Implementation

The client implemented an AI-based fraud detection system utilizing machine learning algorithms to review historical claims data, detect patterns indicative of fraud, and flag suspicious claims for further investigation.

RESULTS

+25% ACCURACY

The detection accuracy increased from 60% to 80% within 4 months.

$300K SAVED

Prevented losses amounting to $300.000 annually due to early fraud detection.

+17% CLAIMS ANALYZED

Thanks to the efficiency of the AI model, the analysis of fraud claims increased from 8700 to 10200.

RETINOPATHY DETECTION

HEALTHCARE INDUSTRY

Challenge

Diabetic retinopathy, a leading cause of blindness, often goes undiagnosed due to 50% of diabetic patients skipping regular eye exams. This results in delayed treatment, increasing the risk of severe vision impairment and higher healthcare costs.

AI Implementation

We gathered 50,000 high-resolution retinal images from diabetic patients, annotated them using the latest AI research, and applied a Convolutional Neural Networks (CNNs) model to identify early retinopathy signs with over 96% accuracy. The model is now integrated into a user-friendly interface for quick and precise patient diagnosis by specialists.

RESULTS

X3 PATIENTS SCREENED

Number of patients screened per month tripled from 1,000 to 3,000.

150% ROI

Estimated annual savings of $500,000 by reducing the need for advanced treatments.

+12% EDR

The early detection rate Increased from 61% to 73% post-AI implementation.

AI INVENTORY MANAGEMENT

RETAIL INDUSTRY

Challenge

The client needed help in optimizing inventory management. Ensuring accurate and consistent data for reliable forecasting was crucial, as poor data quality could lead to ineffective decisions.

AI Implementation

We implemented an AI-powered demand forecasting tool. The tool used predictive analytics to forecast future inventory needs by analyzing historical sales data and external factors such as seasonal trends, holidays, and weather conditions. Also, the real-time inventory tracking feature provides continuous stock level monitoring, preventing overstocking and stockouts.

RESULTS

-1,2% STOCKOUTS

In 8 months, the stockouts decreased from 10% to 8,8%.

+2% AOV

The average order value has increased by 2%, resulting in a revenue of $470,000.

+7% CS

Thanks to the AI models' efficiency, customer satisfaction increased by 71% to 78%.

AI QUALITY CONTROL

AUTOMOTIVE INDUSTRY

Challenge

The client struggled to maintain consistent product quality due to manual inspection processes that were time-consuming, prone to error, and unable to detect all defects, leading to variability in product quality and customer dissatisfaction.

AI Implementation

We addressed quality control challenges by implementing an AI-powered computer vision system. High-resolution cameras captured detailed images of parts, while deep learning algorithms identified defects like surface issues, dimensional inaccuracies, and assembly errors. The system analyzed images in real-time and triggered alerts.

RESULTS

-2% REFUNDS

The amount of refunded parts decreased by 2% in 6 months.

€700K SAVED

Estimated annual cost savings of €700.000 thanks to fewer human resources involved in the QC.

+150K PARTS ANALYZED

The total amout of car’s parts analyzed per month increased from 300K to 450K.

AI CHATBOT FOR CITIZENS SUPPORT

ITALIAN PUBLIC ADMINISTRATION

Challenge

The Municipality websites are inundated with numerous daily inquiries, leading to long wait times and overwhelmed service agents. Citizens expect easy access to information and services around the clock, but the offices have limited business hours.

AI Implementation

We have developed an AI-powered chatbot that responds accurately to various citizen queries. The chatbot supports multiple languages, ensuring 24/7 availability with instant replies. It also has access to a comprehensive information database on city services, events, and regulations and provides detailed analytics to understand common inquiries and citizen behavior.

RESULTS

+25% SERVICES ENGAGAMENT

The municipality's online services have seen a 25% increase in engagement.

€35K SAVED

The client saved €35,000 annually in operational costs for citizen service inquiries.

+17% CS

Citizen’s satisfaction increased by 17% due to faster response times and 24/7 availability.

AI VIDEO ANALYSIS

MEDIA & ENTERTAINMENT INDUSTRY

Challenge

The client encountered a significant challenge in their video editing and content management workflows. They struggled to handle the hundreds of hours of footage produced weekly efficiently. Manually identifying specific objects, words, or people within these videos proved to be time-consuming and error-prone, leading to high labour costs and delayed project timelines.

AI Implementation

Using advanced machine learning and computer vision techniques, we created an AI tool to analyze video frames and accurately identify objects, words, and specific persons. The tool features object detection, speech recognition, and facial recognition, improving the entire video editing process.

RESULTS

85% TIME SAVED

What previously took an editor 10 hours to complete could now be done in just 1.5 hours by the AI tool.

$230K SAVED

The client saved $230K in labour costs by reducing the manual content review hours.

+150% VIDEO ANALYZED

The client could handle a 150% increase in video content without the need for additional staff.

OUR SERVICES

Data Services

Transform raw data into actionable insights.

AI Development

Advanced AI/ML models tailored to your needs.

Custom Solutions

Bespoke AI-powered solutions for your business

UI/UX Design

From the idea to the visual realization.

AI Consulting

Building your roadmap to AI-driven successes.

Maintenance

Ongoing support and maintenance of AI apps.

THE FOUNDERS

Our team comprises individuals who are pioneers in the field of AI, experts with extensive industry knowledge, and innovative thinkers. Together, we bring a dynamic fusion of skills and expertise.

ALESSANDRO
Co-Founder & CEO

AHMED
Co-Founder & CTO

THE TEAM

ANDREA
Engineering Manager

EMIR
(Software Architect)

GIACOMO
(DevOps Engineer)

MARIUS
(Back-End Developer)

OLGA
(Front-End Developer)

MARCO
(AI Scientist)

SREE
(AI Engineer)

OMAR
(AI Engineer)

MIRCO
(Product Designer)

EMILY
(UI/UX Designer)

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OR CLICK **HERE** TO
BOOK A CALL!

JOIN US!

Are you ready to revolutionize your business with AI?
Contact us today and unlock the potential of our solutions
to drive efficiency and growth for your company.