



Digital is an Attitude

Custom Software Solutions for optimizing business processes, leveraging **30 years** of expertise in **IT innovation and bespoke development** across diverse industry sectors.

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About ADL Ingegneria Informatica



3 Decades of Industry Expertise

30 years delivering tailored software, web, IoT, and innovative solutions to optimize business processes.



Full-lifecycle Services

End-to-end capabilities: consulting, custom development, deployment and long-term support.



Proven Project Delivery

5,346 projects successfully completed, with ongoing implementations across multiple sectors.



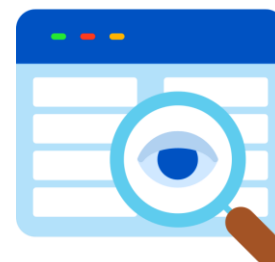
Engineered for Reliability

Security, quality assurance and scalable architectures built for business-critical applications.

Focused Areas



Cloud Infrastructure
and support



Customized Web
based Platform
Developments



Customized
Software Solutions
(ERP-CRM-IOT-AR-BI-AI)



Business Software

Portfolio Highlights



Waste Disposal Bin

RFID billing automation for municipalities enabling usage-based charges and streamlined invoicing.



IoT Sensor Interconnection

Real-time caravan monitoring for rentals: water, power, fuel, sewage and geo-status on a unified portal.



External Payments Platform

Global credit collection and electronic payment orchestration with automated order fulfilment and service reactivation.



In-Visit Project

Visitor identification and continuous monitoring system deployed across Europe using camera, fingerprint, and ID verification.

Portfolio Highlights



IoT Environmental Parameter Monitoring

RFID billing automation for organization enabling usage- based charges and streamlined invoicing.



Sawmill Automation

Sensor interfacing and could management of data for remote monitoring via Satellite.



Machine Interconnection

Foundation step for Industry 4.0 that allows increased production efficiency, predictive maintenance, and improved flexibility through data analysis and automation



Automotive AI

AI Assisted platform for Spare parts distribution network.

5.346

COMPLETED PROJECTS

With over **5.346 completed projects**, ADL Ingegneria Informatica showcases its extensive experience and reliability in delivering bespoke software solutions tailored to diverse business needs.

30

YEARS OF EXPERIENCE

With **30 years of experience**, ADL Ingegneria Informatica has established itself as a trusted partner in the industry, consistently innovating to optimize client business processes through technology.

Waste Disposal Bin-RFID



STEP 1

INITIAL SETUP

Tag bins with RFID units and register users/citizens in the management portal to link containers to accounts.

STEP 2

DATA CAPTURE

Collect pickup events and weight/usage readings automatically from RFID-enabled bins and stream data to the central system.

STEP 3

CHARGE CALCULATION

Apply usage rules and tariffs to compute fees per user based on recorded pickups, weights, and configured billing policies.

STEP 4

BILLING & REPORTING

Generate invoices, payment requests, and analytics dashboards for municipalities to review service usage and revenue.

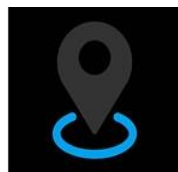
IoT Sensor Interconnection

6-KEY CAPABILITIES



Real-Time Telemetry

Continuous sensors reporting water, energy, fuel and sewage metrics for live status and analytics.



Geo-Location & Alerts

Precise location tracking with configurable alerts for status changes, outages or route deviations.



Payment-Triggered Activation

Automatic system activation upon confirmed online payment to enable remote monitoring and services.



Fleet Portal & Assistance

Centralized web portal for live tracking, diagnostics and dispatch of on-road support teams.

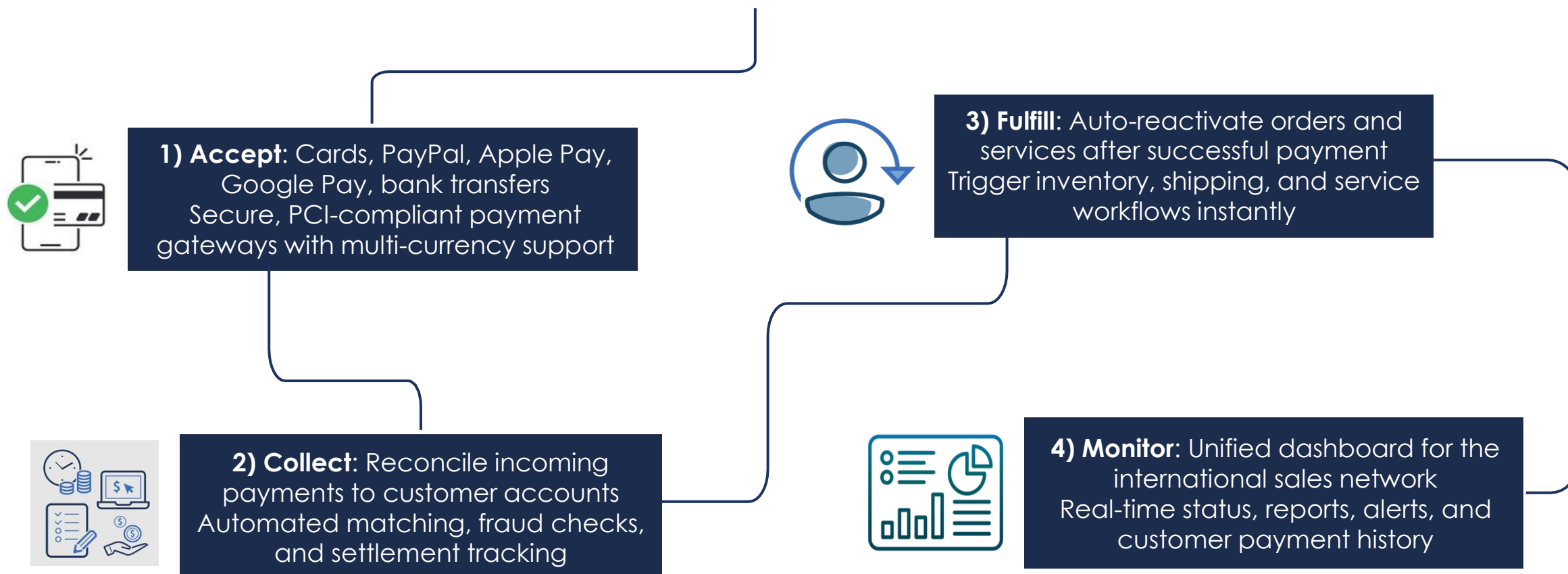


Edge Health & Security

Device health monitoring, secure communications and proactive maintenance notifications.

External payment Platform-Flow

End-to-end lifecycle for international electronic payments
and order reactivation across the sales network



In-Visited Access Control



1) Multi-factor identification combining live video capture, fingerprint recognition, and ID document verification for reliable visitor identity checks.



2) Fast, streamlined registration workflow for visitors and contractors to minimize entry queues and administrative overhead.



3) Real-time, location based monitoring across facilities with instant alerts and centralized incident logs for rapid response.



4) Fully deployed and commercially marketed across multiple European sites, with localization and regulatory compliance features.

Machine Interconnection-Industry 4.0

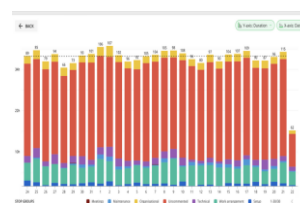
Countless machine and production plant interconnection projects for data collection and processing of production planning and strategy.

Project | Equatorial Africa Sawmill Automation



**Cutting System
Manufacturing
Company's Log**

3) Data Collection



**1) Production
Monitoring Systems**



**2) Physical Characteristics
Verification**



**4) Sensor Interfacing &
Cloud Management**

Remote Monitoring Via Satellite



AI Automotive Project Overview

Innovative AI Techniques and Their Impact on the Platform

This project utilized advanced AI techniques, enhancing **multinational client operations** and optimizing spare parts management through a robust automotive database integration.



AI Automotive Project



AI LLM + COMPUTER VISION
AI Analytics



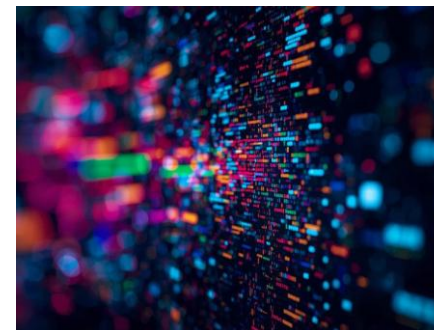
SPARE PARTS NETWORK
User-Friendly Design



TEAM COLLABORATION
Innovative Discussion



ENGINEER AT WORK
Data Review



AI ALGORITHM VISUALIZATION
Data Flows

ADL Ingegneria Informatica

Case History

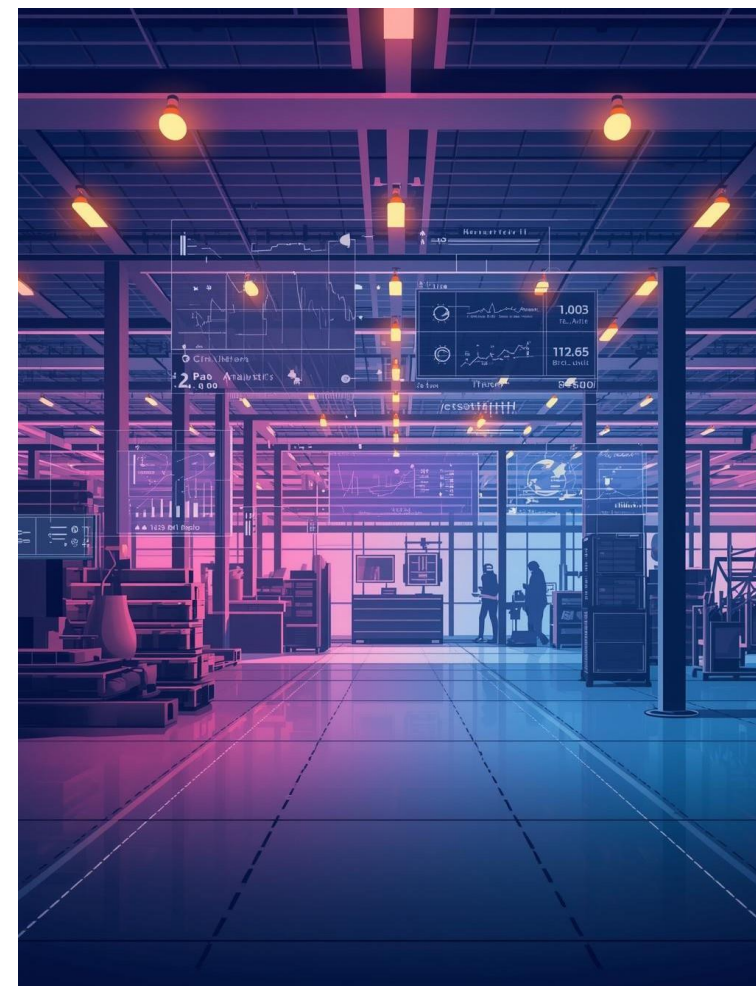
- *Business Intelligence-Industry 4.0*
- *E-commerce & Web Application*
- *Multi-functional Platform-Order Entry*
- *Others*



Business Intelligence Industry 4.0

Solution Highlights

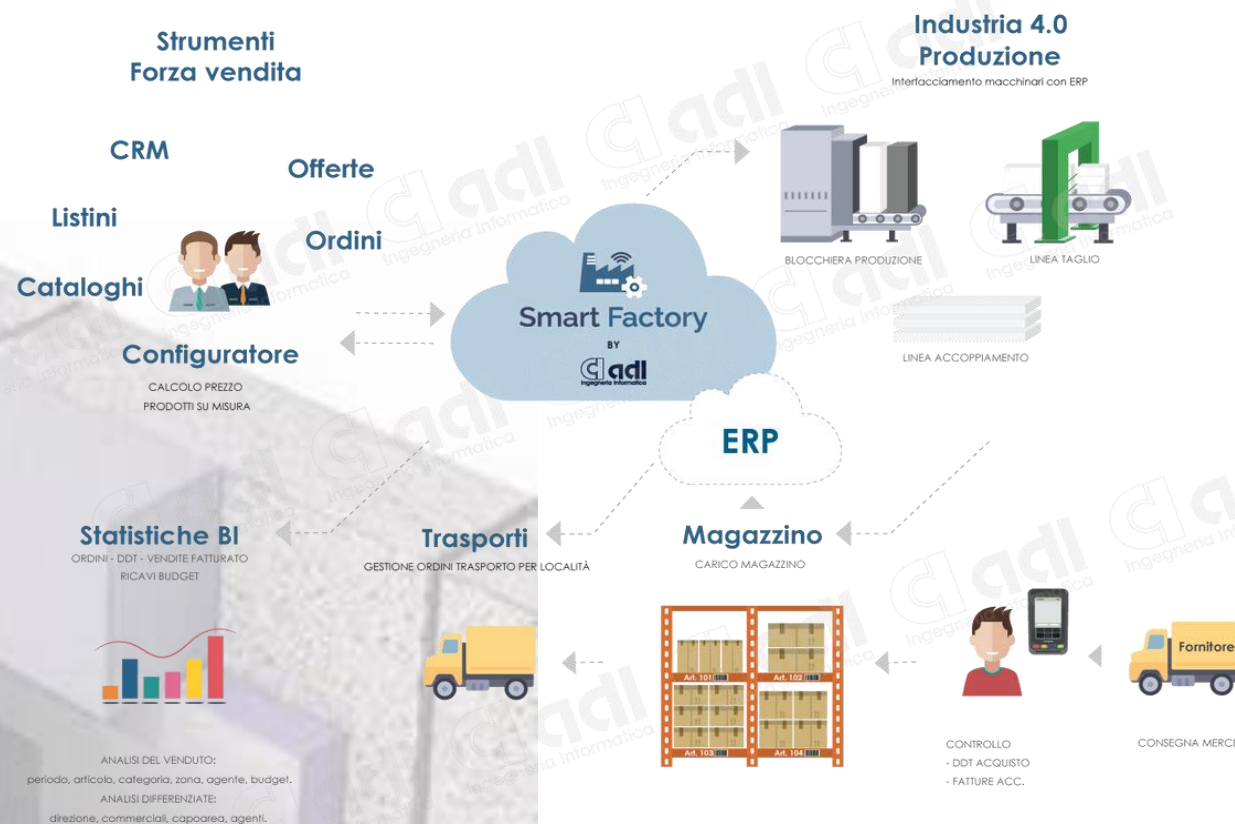
Industry 4.0 presents unique challenges and opportunities for manufacturing businesses, necessitating advanced solutions to leverage data for enhanced decision-making and operational performance.



30%

The implementation of advanced Business Intelligence tools has led to a **30% increase in operational efficiency**, enabling manufacturers to optimize processes and enhance productivity significantly.

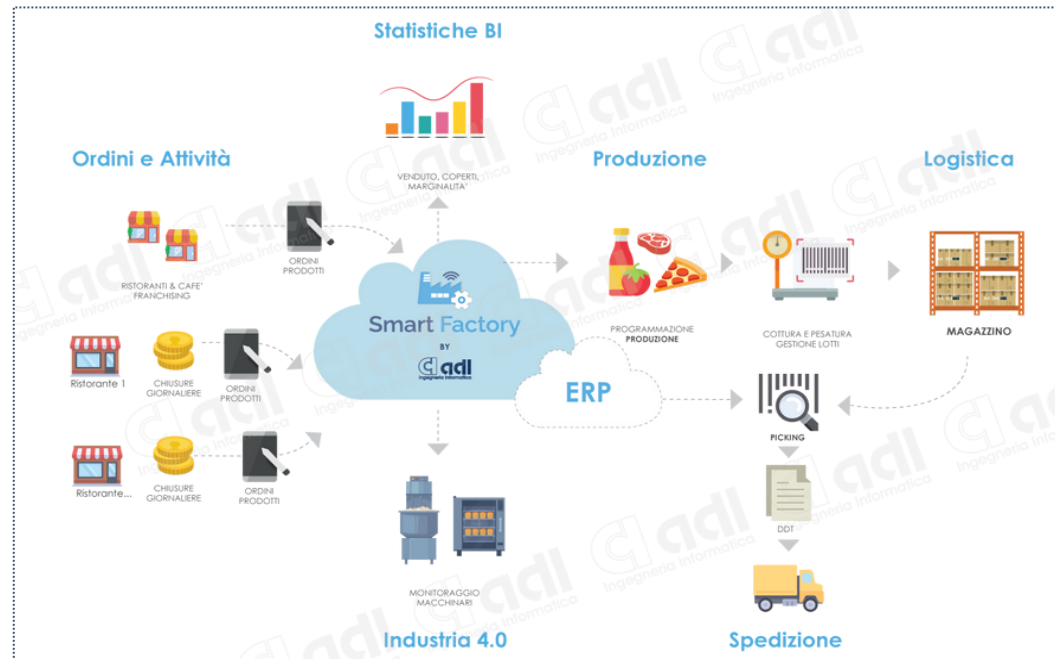
Increase in operational efficiency



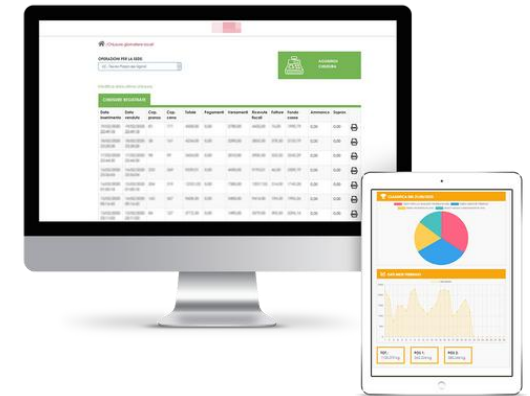
Solution Highlights



Centralized
comprehensive Business
Management Portal



+



Business Intelligence:
Quick and Intuitive
analysis of business data

ADL Ingegneria Informatica's ERP Integration for:

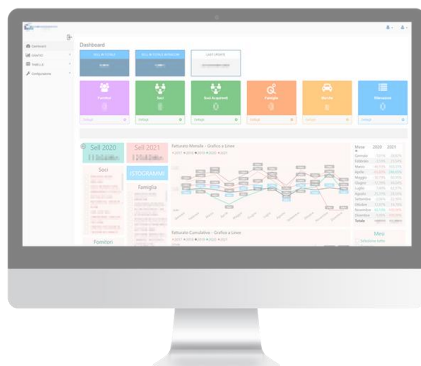
- Internal-External Order Management
- Production Management (MES)
- Warehouse Organization (WMS)

Business Intelligence

Sales Analysis Features

Solution Highlights

Key Components of ADL Ingegneria Informatica's BI Solution



Data Consolidation

ADL Ingegneria Informatica's BI solution enables **seamless integration** of diverse data sources, streamlining information for comprehensive sales analysis. This consolidation ensures that stakeholders have access to accurate, up-to-date data.

Real-Time Reporting

With real-time reporting capabilities, ADL Ingegneria Informatica's BI tools offer immediate insights into sales performance. Users can monitor metrics and make informed decisions swiftly, enhancing responsiveness to market trends.

Interactive Dashboards

Interactive dashboards provide users with intuitive visualization tools, allowing quick access to critical data. These dashboards enhance user engagement and facilitate deeper analysis of sales dynamics and trends.



Business Intelligence

Sales Analysis Tools

Solution Highlights

Empowering Insights Through Data Visualization

Sales Trends

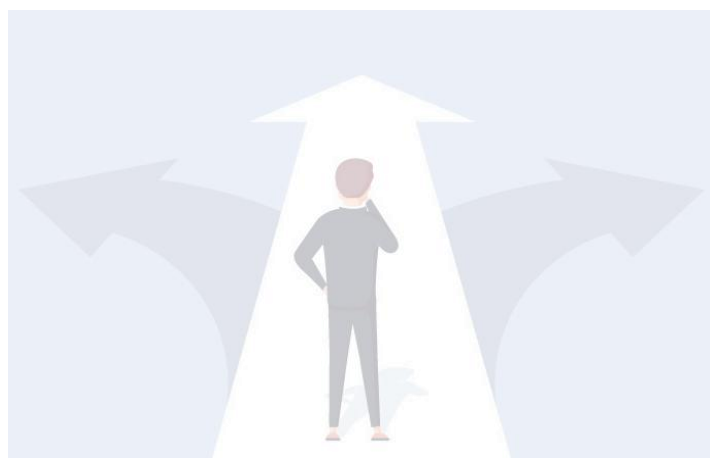
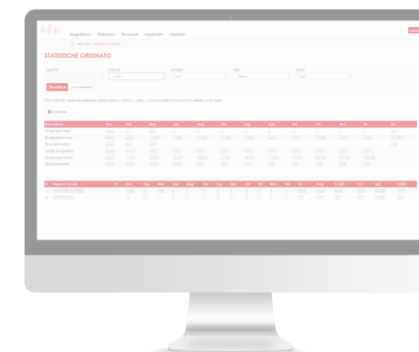
Analyzing Sales trends allows business to identify fluctuations, patterns, and growth opportunities, ensuring strategic adjustments can be made to capitalize on market dynamics effectively.

Product Performance

Monitoring product performance provides insights into individual item success, helping businesses understand which products drive sales and which may require focused marketing efforts or enhancements.

Customer Segmentation

Customer segmentation enables businesses to tailor marketing strategies by understanding distinct consumer groups, leading to more effective messaging and improved customer engagement based on specific needs and preferences.

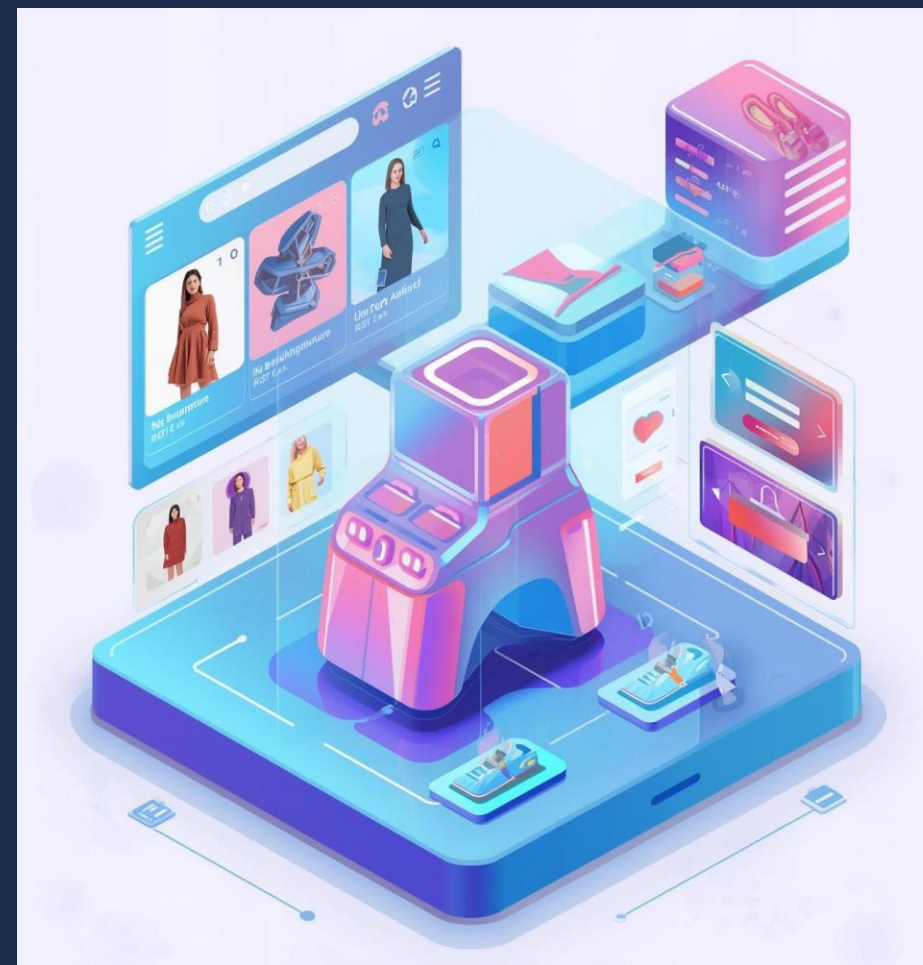


ADL Ingegneria Informatica

E-commerce Solutions

Transforming Digital Commerce

ADL Ingegneria Informatica empowers clients to navigate their digital transformation journey with innovative solutions tailored for E-commerce, enhancing user experiences and optimizing operational processes for sustainable growth.



Seamless Integration of Innovative Solutions

Solution Highlights



Seamless Product Configuration

ADL Ingegneria Informatica's order entry solution allows users to configure products effortlessly, offering a smooth interface that enhances **customer satisfaction** and **simplifies the purchasing journey**.



Real-Time Visualization

With real-time visualization, customers can view modifications instantly, ensuring they make informed decisions while interacting with products, greatly increasing **engagement** and **reducing order errors**.



AR-Enhanced Experience

The integration of augmented reality elevates the shopping experience by providing immersive interactions, allowing customers to visualize products in their own environment before purchase.

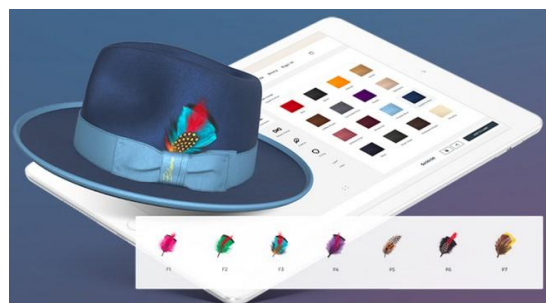
Key Benefits of ADL Ingegneria Informatica's Solutions

Solution Highlights



User Experience Enhancements

Intuitive interfaces improve customer satisfaction and engagement levels.



Intuitive Configurator

Streamlined product customization simplifies the purchasing process significantly.



AR for Visualization

Enhanced product views create confidence in customer purchasing decisions.

Key Benefits: Technological Strenghts

Solution Highlights

Integration Capabilities

ADL Ingegneria Informatica's solutions offer seamless integration with existing systems, ensuring a smooth transition and real-time data synchronization, enhancing overall operational efficiency in E-commerce environments.

Scalability

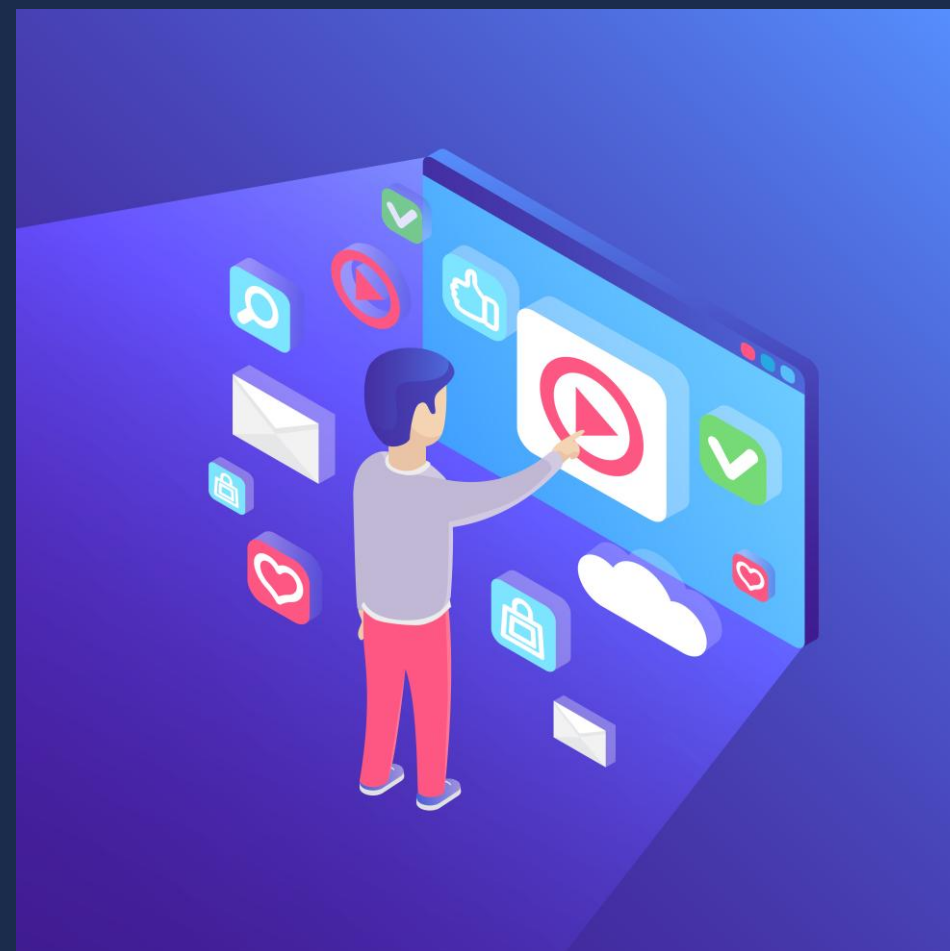
Our flexible solutions are designed to grow with your business, accommodating increased demand and evolving market trends while maintaining performance and user experience without disruption.



ADL Ingegneria Informatica

Solution Highlights

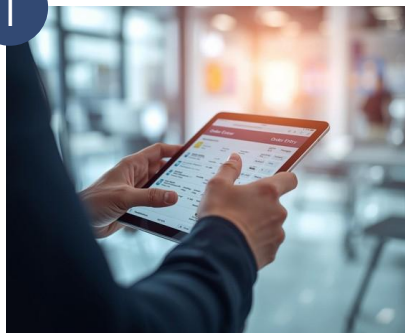
Multifunctional Platform



B2B Order Entry Management Features

Solution Highlights

1



Interface

User-friendly design enhances order entry efficiency.

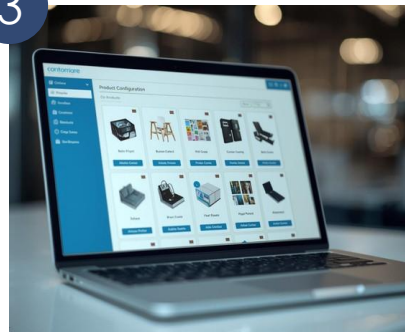
2



Tracking

Monitor orders instantly for improved customer satisfaction.

3



Configurator

Streamlined product customization boosts sales opportunities.

4



Order-to-Invoice

Improved cash flow, increased efficiency, and higher customer satisfaction.

Warehouse Management Features

Solution Highlights

STREAMLINED PICKING

Efficient operations

ENHANCED ACCURACY

Reduced errors

SPEED BOOST

Fast processing



Solution Highlights

85%

Increase in order throughput

ADL Ingegneria Informatica's customized solutions led to an **85% increase** in order throughput, demonstrating significant operational improvements and higher efficiency in warehouse management processes for our clients.

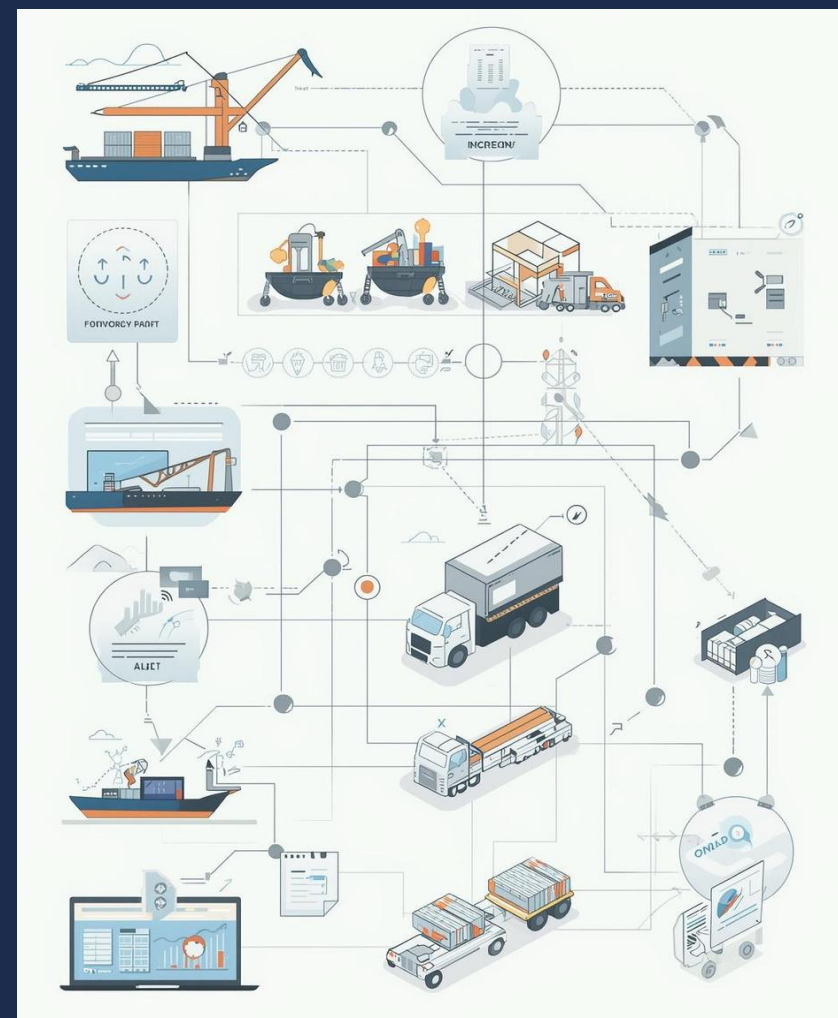


Others: ADL Shipping Management

Solution Highlights

Tailored ERP Solutions for Shipping

The ADL Ingegneria Informatica's shipping management ERP portal offers **customizable modules** for tracking shipments, automating documentation, and optimizing routes, ensuring enhanced efficiency and seamless integration with existing logistics systems.



Key Features

Solution Highlights



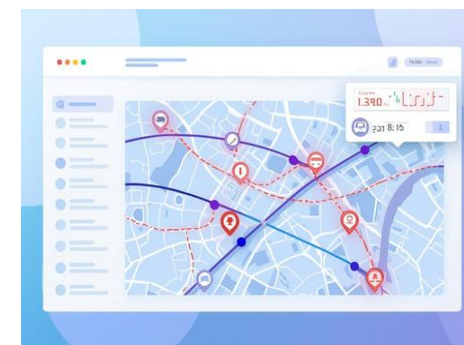
Real-Time Tracking

This feature enables users to monitor shipments, ensuring transparency and timely updates throughout the shipping process.



Automated Documentation

Automation streamlines the compliance process, reducing manual errors and ensuring timely submission of necessary shipping documents.



Scheduling Optimization

This functionality enhances route planning, minimizing delays and reducing shipping costs through efficient scheduling techniques.

ADL Ingegneria Informatica: Proven Industry Expertise

Delivering Innovative Solutions for Client Success.

Discover how ADL Ingegneria Informatica can optimize your
business processes:

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