

# ***Prolifics***<sup>®</sup>

Vision to Value. **Faster.**



WHERE INTELLIGENCE MEETS IMPACT:

# **PROLIFICS AI FOR A SMARTER FUTURE**

Conveys a powerful fusion of insight and results.

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## About Prolifics

Prolifics is a global leader in digital transformation with a legacy of over 45 years of technological and consulting excellence. Trusted by Fortune 1000 companies, Prolifics is known for solving complex business problems through innovative, scalable, and outcome-driven solutions.

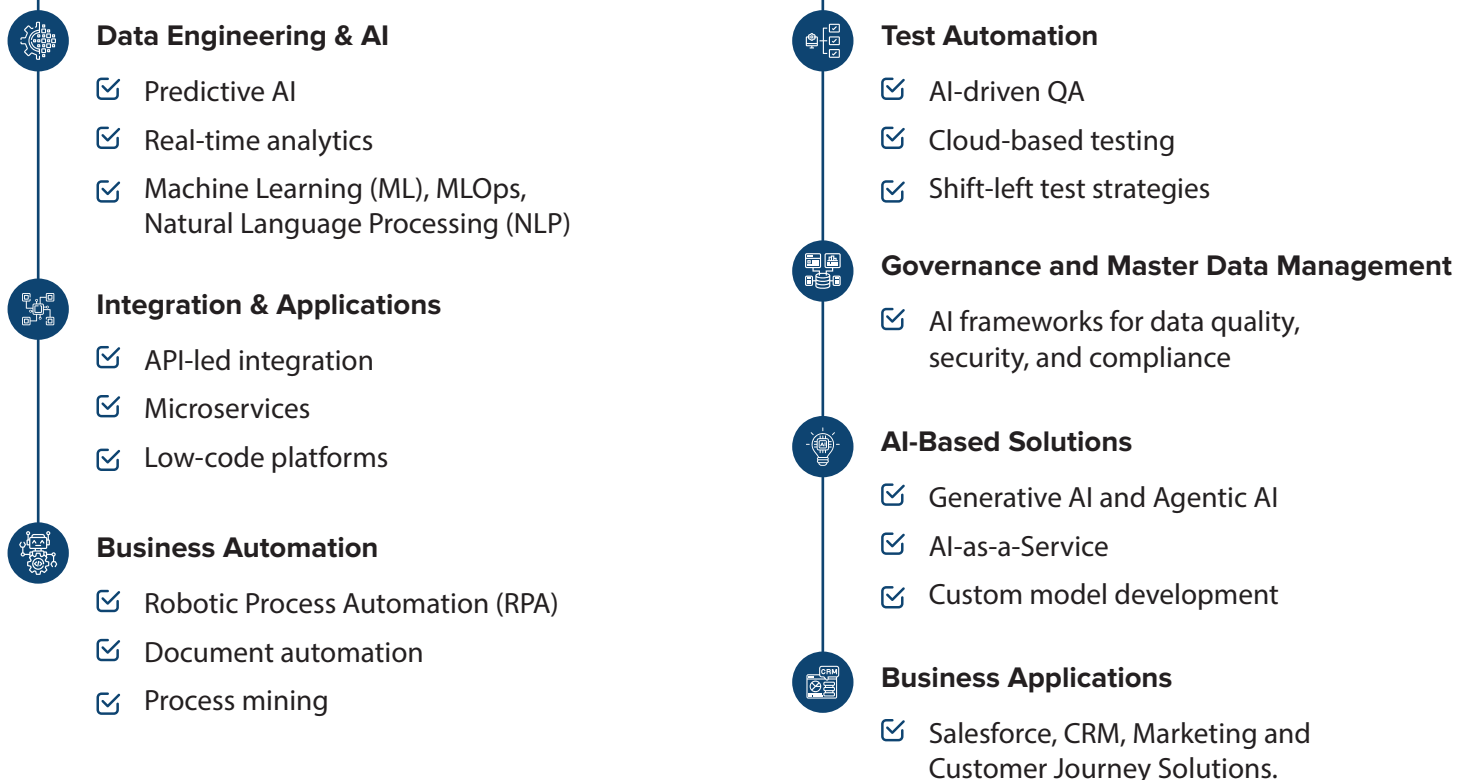
What sets Prolifics apart is its fusion of deep industry expertise, an engineering mindset, and agility in execution. With a 91% repeat client rate, it's not just about what Prolifics can do—it's about the real-world results delivered consistently.

### Key Differentiators



## Our AI Offerings

Prolifics empowers organizations to modernize and scale with AI across these core areas:



## Problem Statements We Solve

Prolifics AI solutions are tailored to resolve critical business challenges across industries:

Problem	Industry	Solution	Benefit
Manual quoting process required expert knowledge. Slow turnaround times and limited scalability.	Plumbing Supplier	AI tool using Azure AI services, Cognitive Services, AI Studio, and Florence 2. Scans building plans, identifies parts, and generates quotes automatically.	Reduced reliance on experts and improved accuracy. Faster quote generation and enhanced scalability.
Older facilities lacked accurate digital records, making equipment tracking and planning difficult. Manual interpretation of 3D layouts was time-consuming and costly.	Energy & Industrial Operator	Used AI to analyze 3D scans, identify equipment, and correlate with P&ID diagrams and 3D models.	Removed high-cost manual effort. Enabled digital twin use cases and connected worker programs.
Creating SDS is manual, expert-driven, and slow. Delays product launches and increases compliance risk.	Chemical Safety SaaS Startup	Developed an AI-powered SDS authoring platform using generative AI to automate content generation.	Reduced SDS creation time by up to 87%, saving \$2M+ annually. Faster time-to-market and lower compliance risk.
Major events benefit large enterprises. Local businesses lack visibility. Visitors lack navigation tools.	Smart Tourism & Event Experience	Built an AI-powered assistant for navigating food, events, and transport. Integrated AR and transport APIs.	Improved visitor experience. Boosted economic participation of small and minority-owned businesses.
Lack of usage data on urban walking trail hindered planning and investment decisions.	Smart City Infrastructure – Public Sector	Installed sensors and used AI video analytics to track foot traffic and engagement.	Enabled smart resource planning and supported nearby business and cultural development.
Complex will-writing process caused user abandonment and low conversions.	Online Legal Services Platform	Deployed generative AI assistant using watsonx.ai on OpenShift for conversational guidance.	Boosted conversion and revenue. Delivered secure, compliant, and scalable solution.
Complex will-writing process caused user abandonment and low conversions.	National Water Utility (Middle East)	Strategic workshop proposed modern architecture and introduced AI/AR with a year-long SDLC roadmap.	Defined modernization path and enabled government reuse and executive engagement.
Complex will-writing process caused user abandonment and low conversions.	Wine & Spirits Distributor	Used OpenAI-based tool to extract logic and transform one use case into a Java microservice.	Modernized without system disruption. Reduced maintenance risks and enabled reuse.
Talend ETL was costly and inefficient for scaling data needs.	Wholesale Retailer	Built accelerator to migrate to Python/PySpark ETL with 70% automation. Used Agile Factory Model.	Lowered costs and manual effort. Improved scalability, velocity, and delivery flexibility.
Manually vetting applicants was time-consuming and inconsistent.	Talent Acquisition Automation	Built AI agent to auto-screen candidates by skills, with future compensation validation.	Accelerated shortlisting and reduced recruiter effort. Improved screening consistency.
Slow service and queues in luxury venues during peak periods.	Hospitality – Autonomous Retail	Deployed Amazon's Just Walk Out technology using AI, sensors, and machine learning.	Fast, frictionless service. Increased efficiency while maintaining luxury standards.



## AI-Powered Case Studies

Prolifics partners with industry leaders to create real-world impact through cutting-edge AI solutions. Below is a showcase of transformative projects that highlight our innovation, agility, and ability to solve complex business challenges.



Plumbing Supply

### AI-Driven Quoting for Plumbing Supplier

#### Problem

Manual quoting processes required expert knowledge, resulting in slow turnaround times and limiting scalability.

#### Solution

An AI-driven tool built with Azure AI, Cognitive Services, AI Studio, and Florence 2 scanned building plans, identified components, and auto-generated quotes.

#### Benefit

This solution reduced reliance on domain experts, enhanced accuracy, and accelerated quote generation, enabling the business to scale more effectively.



Energy & Industrial Operations

### Digital Plant Modeling for Industrial Operator

#### Problem

Aging industrial facilities lacked reliable digital records. Tracking equipment and planning modernization were hindered by manual interpretation of 3D layouts and diagrams.

#### Solution

AI was used to analyze 3D scans and correlate them with P&ID diagrams and existing 3D models, creating accurate digital representations of the plant.

#### Benefit

The digital models eliminated costly manual efforts and enabled digital twin use cases, supporting modernization, safety planning, and connected worker programs.



Chemical Safety SaaS

### Automated SDS Creation for Chemical Startup

#### Problem

Manually creating Safety Data Sheets (SDS) was labor-intensive and time-consuming, delaying product launches and increasing compliance risks.

#### Solution

An AI-powered SDS authoring platform using generative AI was introduced to automate content generation by aggregating data from regulatory, chemical, and manufacturer sources.

#### Benefit

The process cut SDS creation time by up to 87%, saving over \$2M annually, and improved time-to-market and compliance readiness for chemical manufacturers.



Smart Tourism & Event Technology

### Smart Tourism Assistant for City Events

#### Problem

Large events often exclude small businesses, and visitors lacked intuitive ways to explore city attractions, food, and transport.

#### Solution

A natural language AI assistant was developed to guide users through local experiences, integrating transport APIs and augmented reality to enhance engagement.

#### Benefit

Visitor experience improved through faster, more personalized navigation. Economic inclusion was boosted by directing attention to local and minority-owned businesses.



Public Sector Smart City Infrastructure

### Foot Traffic Analytics for Urban Trail

#### Problem

City planners lacked insight into usage patterns of a major walking trail, hindering investment and development decisions.

#### Solution

Cameras and sensors were installed to gather real-time data, and AI video analytics were used to monitor foot traffic and event attendance.

#### Benefit

The data enabled smarter resource allocation, informed public investment, and helped foster nearby business and cultural initiatives.



Online Legal Services

### Conversational Legal Assistant

#### Problem

Users often abandoned the will-writing process due to its complexity, resulting in low conversions for the platform.

#### Solution

A generative AI assistant using watsonx.ai on OpenShift was deployed to provide intuitive, conversational support while adhering to legal business rules.

#### Benefit

Conversion rates and platform revenue increased. The experience remained legally compliant, user-friendly, and scalable for future growth.





**National Water Utility (Middle East)**

### Mobile App Modernization for National Utility

#### Problem

A legacy employee app was difficult to maintain and lacked direction for modernization.

#### Solution

A strategic workshop was conducted to evaluate the app, propose a modern architecture, and introduce AI and AR concepts, with a roadmap for scalable development.

#### Benefit

The initiative established a clear modernization path, supporting executive buy-in and potential reuse across government sectors.



**Wine & Spirits Distribution**

### Legacy RPG Code Modernization

#### Problem

Aging RPG code was undocumented and at risk due to retiring developers, making maintenance challenging.

#### Solution

AI-assisted accelerators using OpenAI models identified business logic, which was re-engineered into a Java microservice.

#### Benefit

The system was modernized without disrupting core operations, reducing maintenance risk and enabling future microservice adoption.



**Wholesale & Retail**

### ETL Optimization for Wholesale Retailer

#### Problem

Talend-based ETL processes were expensive and inefficient under growing data demands and tight deadlines.

#### Solution

A custom accelerator using OpenAI automated up to 70% of job migration to Python/PySpark. Agile methods and the Prolifics Factory Model were used for delivery.

#### Benefit

Execution time and manual labor were significantly reduced. The new solution was more scalable and cost-effective.



**Talent Acquisition**

### AI Agent for Talent Screening

#### Problem

Recruiters spent excessive time vetting large volumes of job applicants manually, leading to inconsistencies.

#### Solution

An AI agent was built to automatically screen candidates by matching skills with job requirements, with future plans for salary validation.

#### Benefit

Recruitment became faster and more consistent, significantly reducing recruiter effort and improving candidate matching.



Hospitality & Event Venues

## Autonomous Retail in Hospitality

### Problem

Luxury venues faced long lines and slow service during peak times, detracting from premium guest expectations.

### Solution

Amazon's Just Walk Out technology was implemented using AI, sensors, and machine learning to allow seamless purchases.

### Benefit

The solution enhanced guest satisfaction with fast, frictionless service and improved venue efficiency without compromising luxury.

## Why Choose Prolifics?



### 45+ Years of Proven Excellence

Deep experience across industries.



### End-to-End Innovation

From ideation to execution.



### Consulting-Led Approach

Strategy-aligned execution with business value at its core.



### AI-First Vision

Across automation, GenAI, Agentic AI, and ML platforms.



### Global Delivery Network

Ensuring scalability, responsiveness, and round-the-clock innovation.



### Strategic Partnerships

Deep alliances with technology leaders like AWS, Microsoft, IBM, Salesforce, Google Cloud, Red Hat, MuleSoft, and more.

## Global Offices

Prolifics maintains a global footprint to support enterprises anywhere in the world.

 USA

 Canada


 United Kingdom


 Germany

 UAE

 India

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