DataArt

Custom Software Engineering with a Human Approach

New York USA
London UK
Munich Germany
Zug Switzerland
Dubai UAE

DataArt is a global software engineering firm that takes a uniquely human approach to solving problems.

With over 25 years of experience, teams of highly-trained engineers around the world, deep industry sector knowledge and ongoing technology research, we help clients create custom software that improves their operations and opens new markets. Powered by our People First principle, we work with clients at any scale and on any platform, and adapt alongside them as they evolve.

Software Design, Development, and Support

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25+ Global Locations:

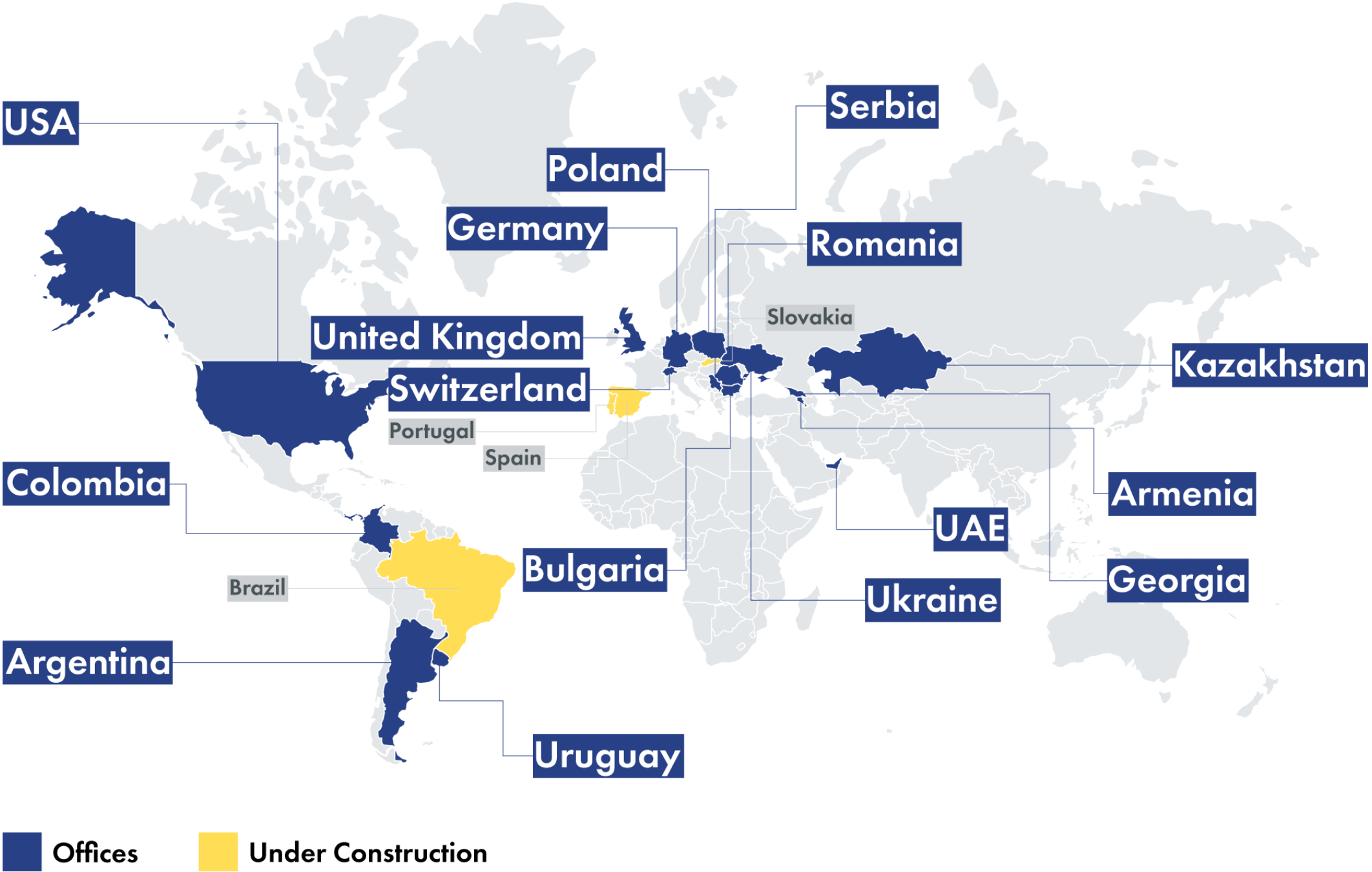|	
USA	UAE
United Kingdom	Eastern Europe
EU	Latin America

6,000+
consultants and engineers

10%
staff turnover rate

95%
return clients

25 years
in operation

3,500+
successfully completed projects

Reliable
profitable, financially strong, fully audited

USA — Serbia — Poland — Germany — Romania — Slovakia — United Kingdom — Switzerland — Portugal — Spain — Kazakhstan — Colombia — Bulgaria — Brazil — Armenia — UAE — Georgia — Argentina — Ukraine — Uruguay

■ Offices   ■ Under Construction

Our Services

DataArt

Product Development

- Expertise across industry practices
- B2B / B2C / enterprise / startups
- From ideation and prototyping to MVP and finished product
- Proven value-driven, iterative process

System Modernization

- Porting, re-engineering, migration, re-platforming of legacy applications
- Active business stakeholder involvement, business / IT collaboration
- KPIs mapped to business goals and priorities
- Incremental, iterative delivery of working systems

Managed Support

- Reduce operational costs
- Increase system quality, stability and availability
- Free up internal staff for value generating work
- Best-of-breed Application Life Cycle tools and processes

On-demand IT

- Scalable and elastic "developer cloud"
- Shared risk
- Effective knowledge management
- Domain expertise

Technology Consulting

- Analyze client's goals and objectives
- Explore technology options, existing technical landscape & integration requirements
- Accommodate client's priorities, budget, schedule and technical constraints

Solution Design

- Creating system design and architecture which addresses the business needs

Competitive Advantages

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With 20+ locations across the globe, we provide our clients access to highly skilled engineers in Eastern Europe and Latin America. We know how to staff, structure and retain large teams. All our engineers have experience working with Western cultures.

DataArt Named Best IT Employer in Ukraine

2018 Inc. 5000 Hall of Fame

Other key competitive advantages include:

- Very low staff turnover

- Focus on select industries

- Centers of Excellence

- Industry expertise cross-pollination

- Unique approach to solution design

- Cost effectiveness

- Scalability and rapid team ramp up

- Convenient time-zones with sufficient work hours overlap

- Offshore, nearshore and onsite presence

DataArt Technology Expertise

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Big Data

- Data processing and analytics
- Solutions built with NoSQL databases
- Distributed web crawling systems
- Social Web mining
- Text mining
- Research projects on Windows Azure
- Fast search

Blockchain

- Decentralized database
- Shared, replicated ledger
- Immutable storage
- Security audits and ICO work
- Creation of new DLT products and services using Ethereum, Hyperledger, Corda, and Chain.com

Mobile

- Native vs HTML
- Cross platform development
- Wearables
- Omni-channel vulnerability assessment
- Compliance management
- Mobile security consulting

Artificial Intelligence

- Automating daily routine
- NLP
- Building performant MLaaS infrastructures
- Building mathematical models

Cloud & Infrastructure Transformation

- Cloud migration
- Hybrid cloud solutions
- Operational process automation
- Scalability (scale-out vs scale-up) and high availability
- Continuous integration and Continuous deployment

Open Source & IoT:

- Digital transformation
- Best-of-breed tools and platforms
- Continuous delivery in technology- and data-driven companies
- Cloud technologies combined with engineering thinking
- DeviceHive: open source IoT platform

Machine Learning:

- Integration with MLaaS Solutions
- Tuning and Integration of existing models / frameworks
- Implementation and Development of custom ML models
- Deep learning. Computer vision, speech and noise recognition
- Artificial neural networks

Industries We Work With

Key Industries:

1. **Finance**

2. **Travel, Transportation & Hospitality**

3. **Healthcare & Life Sciences**

4. **Media & Entertainment**

5. **Retail & Distribution**

Finance Expertise

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Asset Management

> Data warehouses, data lakes, BI & reporting

> Workflow automation

> Trade capture

> Charles River OMS, Eze OMS, SS&C Geneva, Broadridge Suite integration

> Real-time market data, technical analysis, aggregations

Capital Markets

> Recommendation Systems / Business Personalization

> Compliance

> Anti-Fraud

> Risk Management

> Market Prediction

> Anomaly Detection

> Document Management

Insurance

> Claims process automation

> Sales channels digitization

> Actuarial Process Automation

> Fraud Detection and Risk Prevention

> Data Extraction and Processing

> Integration with core P&C platforms and partners integration

> Customer Engagement

> Smart contracts

FinTech & Payments

> Banking and payment platforms development and optimization

> Regulatory Compliance

> Payments modernization

> Process automation with the help of AI/ML and RPA

> Cyber Security

> Enhanced Total Experience

> Architecture optimization for business agility and scalability

Finance

Travel, Transportation & Hospitality

Healthcare & Life Sciences

Media & Entertainment

Retail & Distribution

Travel, Transportation & Hospitality Expertise

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Booking & Reservations Systems

- all types of travel products: air, auto rental, hotels, cruises, etc.)
- multi-lingual, multi-currency, multi-channel distribution, and inventory/pricing/yield management

Revenue Management

- improved yield, inventory and price management capabilities
- solutions leveraging Big Data, business intelligence, competitive price shopping, and more

Systems Integrations

- HTNG/OTA API's, GDS, OTA, CRS, Direct Connect, Expedia, TripAdvisor or Google APIs, etc.

GDS Services

- GDS web services to make travel agents relevant again and represent a significant opportunity for travel distributors
- Sabre Red Apps that have helped distributors increase their sales in the travel agency channel

Hospitality Systems

- front/back of house systems (PMS, HMS)
- food & beverage
- spa/golf/tennis systems
- all the major CRS systems

Customer Experience Management

- tablet and smartphone apps that put relevant services and products at customers' fingertips

Finance

Travel, Transportation & Hospitality

Healthcare & Life Sciences

Media & Entertainment

Retail & Distribution

Healthcare & Life Sciences Expertise

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Digital Health
Solutions

Care
Management

Telehealth

Claims & Beneficiary
Management

Medical Device
Integration

Drug Discovery
& Development

Laboratory
Informatics

Pre-Clinical
& Clinical Trials

Pharmacovigilance

Patient
Engagement

Finance

Travel, Transportation
& Hospitality

Healthcare &
Life Sciences

Media &
Entertainment

Retail & Distribution

Media & Entertainment Expertise

DataArt

We bring industry knowledge, technical expertise, and business competence to the following industries:

Music
Licensing & Catalogue Administration, Metadata Management, Royalties Distribution, Streaming Analytics, Ticketing & Touring Automation

TV & Video Streaming
IPTV/ OTT/ Streaming, Mobile Video Solutions, Video Management Systems, Immersive Video, Facial Recognition

Sports
Player and Team Analytics, Live Game Data, Sponsorship Management, Mobile Ticketing, Augmented Reality, Sports Betting Systems

Book Publishing
Title Management, Editorial/Workflow Systems, Sales and Marketing Tools, Self-publishing Solutions, E-Publishing & Audio Books, Reporting and Analytics

Digital Media & Advertising
Enterprise Content Management Systems, Digital Publishing Solutions, Multi-Channel Content Delivery, Advertising Solutions, Programmatic Buying, Real-Time Analytics

Art Market
Online Marketplace and Auctions, Virtual Tours, Online Showroom for Digital Art, Art Inventory, Process & Workflow Automation for Galleries and Museums

Retail & Distribution Digitization Expertise

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Fleet
Management

Warehouse
Management

Forecasting &
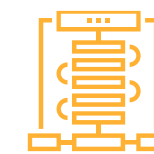Recommendation Systems

Store Management
Solutions

Cloud-Hosted
Advisory Systems

Inventory Management
Solutions

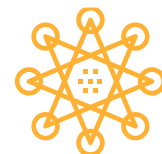Billing Solutions
& POS Farming

Traceability
& Tracking Systems

Smart
Logistics

Mobile & WEB
Ecommerce

Supply Chain
Management

Marketplaces

Predictive
Maintenance System

Finance

Travel, Transportation
& Hospitality

Healthcare &
Life Sciences

Media &
Entertainment

Retail & Distribution

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