rayven

Accelerating Industrial IoT

Predictive Maintenance

Environmental Compliance

Energy & Sustainability

Asset Tracking & Utilization

Productivity & Continuous Improvement

Facility Management

Automation & Industry 4.0

Health, Safety & Compliance

www.rayven.io | info@rayven.io | @RayvenIoT

About Rayven

Rayven is a flexible, easy-to-use, real-time AI and IoT platform for creating purpose-built solutions that deliver meaningful business outcomes.

The flexibility of our technology, speed of design-to-deployment, global footprint, and pricing model makes our IoT solutions affordable for any business looking to embrace the opportunities that come with AI and IoT.

Industrial Experience

With over 50+ years of in-business experience.

Pre-built Solutions

1,000+ algorithms ready for real-world scenarios.

Global Partner Network

Create, deploy & optimize anywhere in the world.

The Platform

The Rayven platform is easy-to-use and codeless, packed full of functionality so that you can do everything you need in one place.

Rayven features out-of-the-box device management, dashboards, Machine Learning, security, data and integration tools, and automation - it's everything you'll ever need to monitor, manage, and optimize your operations.

Our Services

Solution delivery services
On top of 24/7 technical support, Rayven provides collaborative solution design and project services suitable for the deployment of any successful Industry 4.0 project.

Advanced Analytics, Data Science & AI Services
Our experts can provide you with visualized analytics, extract knowledge from logic-based workflows, and utilize AI, Machine Learning and Predictive Analytics to improve future performance.

Rayven solves industrial and business problems by creating world-leading IoT & AI solutions.

We start with your business goals or real-world problems and then design solutions that solve them – not the other way around.
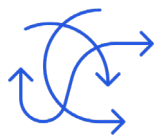
Rayven's end-to-end, secure IoT & AI platform

The Rayven platform enables you to rapidly develop and deploy customized real-time industrial IoT & AI solutions.

Built from the ground up to integrate with any device, control system, or data source; get everything you need in one platform.

The Rayven platform is:

Flexible - Deploy any industrial AI, IoT or Predictive Analytics real-time solution.

Easy-to-use - simple, codeless interface with drag-and-drop functionality.

Compatible - integrate any technology or data, regardless of format.

Quick-to-deploy - all-in-one and no-code means you can deploy in weeks, not months,

Affordable - simple, transparent pricing with flexible models based on needs.

Secure - proprietary security architecture ensures your data is secure at all points.

Core platform capabilities:

· **Drag-and-drop workflow builder.** Easily create customized business logic for your specific solution requirements.

· **Enterprise-grade security & back-ups.** Built with security top-of-mind, our inbuilt features and technologies will protect you.

· **Automation & control.** Push data to any third-party system, including control systems for manual and automated control.

· **Real-time dashboards, visualizations & insights.** Configure customized dashboards that make sense of complex data and provide actionable insights and advanced analytics.

· **Rules, events & triggers.** Create rules for event monitoring, notifications, or push/pull to any third-party system.

· **Device monitoring, management & maintenance.** Monitor the health of any device and deploy updates centrally.

· **Machine Learning & Predictive Analytics as-standard.** Train, test and deploy machine learning & AI models. Use them to detect anomalies, predict failure, forecast and much more.

· **White labelling.** Brand your dashboards and applications for your customers to provide a customized, consistent experience.

Solution delivery services

Rayven does much more than just provide a technology platform.

We offer as much (or as little) support as you want, ensuring your solution is purpose-built to solve your specific challenges.

Our tried and tested methodologies are robust and reliable, ensuring your implementation runs on-time and to specification.

Rayven's solution delivery services:

1. **IoT Solution Design.** We start with your business goals and make sure the technology is built to deliver the right outcomes.

2. **IoT Data Integrity.** Establish reliable, accurate and secure feeds of your data into the Rayven platform.

3. **IoT Implementation.** We build and deliver the software solution, including business logic, interfaces and device management.

4. **IoT Data Science.** We work with your data to create meaningful insights and intelligent data models and business logic.

5. **IoT Quality Assurance.** Test and iterate your technology and processes in the field.

6. **IoT Project Management.** Our project management service ensures that the solution is deliver on-time and to specification.

Advanced Analytics, Data Science & AI services

Industrial Data Science and Machine Learning are critical ingredients if you are to realize the full potential of IoT and AI technologies: forecasting, predicting and driving continuous improvement.

Let Rayven help you collect the right data, interpret, cleanse and encode it, then use it to train an AI model fit for your needs.

Rayven's Advanced Analytics, Data Science & AI services:

1. Define your goals & conduct business intelligence analysis
2. Data acquisition, mining & repository building
3. Data visualization
4. Data pre-processing & cleansing
5. Data model development & deployment
6. Machine Learning algorithm development
7. Simulation & optimization modelling
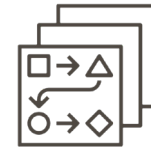8. Deployment & continuous improvement

Why work with Rayven

Our unrivalled offering provides you with everything you need to succeed.

End-to-end IoT & AI platform

Advanced Analytics, Data Science & AI capabilities
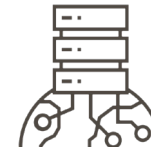
Solution delivery services

Extensive, global partner network & footprint

Design, deploy & optimize in weeks, not months

White labelling with fully customizable look & feel

Integrate any technology, machine & data source, simply

Affordable, transparent pricing

Challenge us to get it done.

rayven

rayven.io
info@rayven.io
@RayvenIoT