



# Advanced Farming Intelligence Solution

Solving your farming management, monitoring & compliance challenges, simply and affordably.

Rayven's ready-to-go, cloud-based Advanced Farming Intelligence solution is designed to address all your monitoring, management and regulatory needs, providing you with 24/7 transparency and predictability.

Empower your team with forecasting and predictions, actionable insights, real-time alerts and notifications, visualizations, and reporting - Rayven's Advanced Farming Intelligence solution has everything you need to always stay one step ahead.

Designed to be future-proof, Rayven's flexible platform allows you to bring data from any asset or source, including **irrigation systems, water pumps & tanks, livestock trackers, vehicles** or any other farming asset, into one place for monitoring, analysis and optimization.



Irrigation Optimization



Water Tank Monitoring



Soil & Weather Monitoring



Livestock Tracking



Vehicle Tracking

Real-Time Monitoring

Predict & Alert

Analyze & Report

Continuous Compliance

# Real-time farming monitoring, management & intelligence

## Irrigation Optimization

Continuously monitor soil moisture and optimize irrigation to the right levels required for optimum crop growth.

## Soil & Weather Monitoring

Utilize the power of real-time soil and weather data to improve crop conditions, reduce costs, and create a more effective farming processes.

## Livestock Tracking

Leverage real-time precision livestock data to track and monitor the health and location of your livestock and be alerted when issues happen.

## Water Level Monitoring

Track and optimize water usage. Get alerted if there is a leak. Control pumps, monitor water tanks, identify trends and get 'low level' alerts.

## Vehicle Tracking

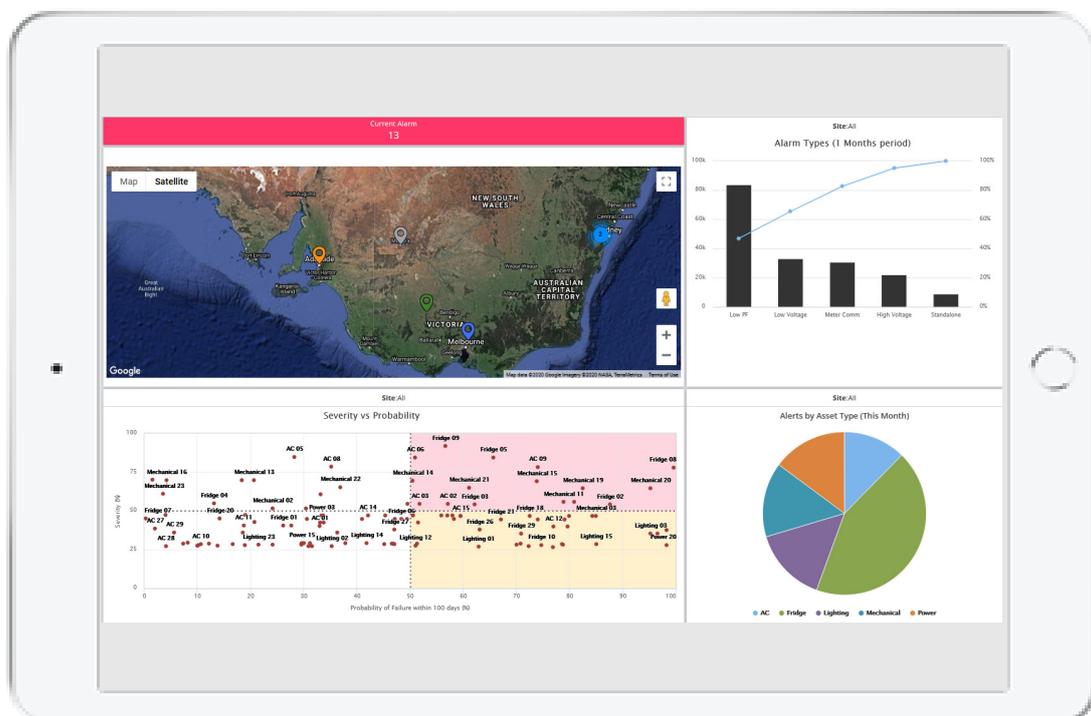
Monitor your assets remotely, identify maintenance needs, get alerts of unauthorized movements, and improve utilization and efficiency.

## Yield Optimization

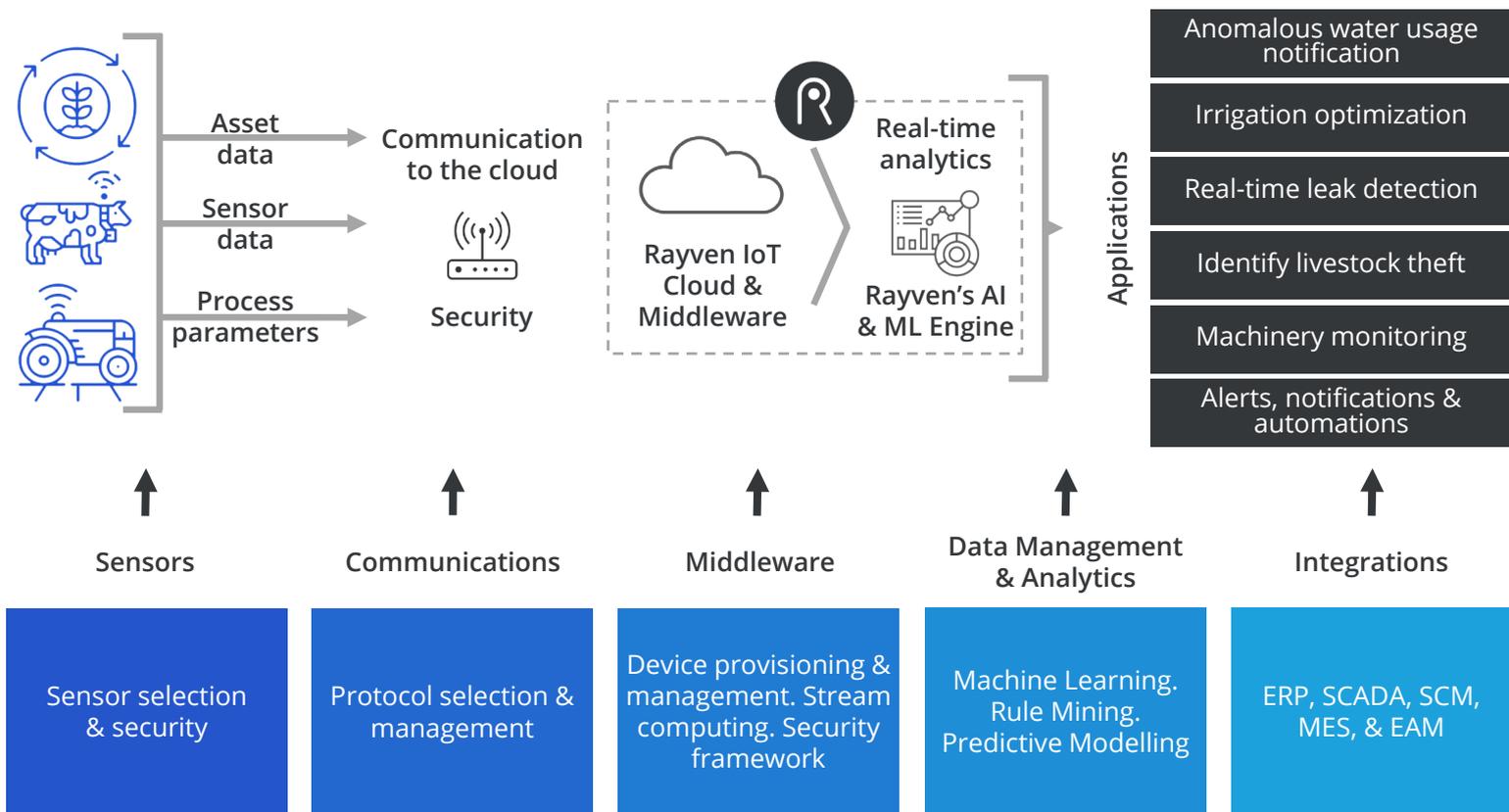
Decrease the chances of crop damage and optimize productivity based on real-time data from weather forecasts and sensors.

Get started in weeks for a lot less than you might think

Rayven's ready-to-go, cloud-based Advanced Farming Intelligence solution will give you all the monitoring capabilities you need in weeks.



# Solution technology stack



## Security.

Rayven's IoT platform has been built with security top-of-mind. With data encryption and other security techniques and technologies factored into all points of the IoT environment.

## Connectivity.

Get the complete picture by using our extensive range of ready-to-go IoT connectors. You can funnel all your data into Rayven's IoT platform, giving you a true single source of truth to drive real business outcomes.

## Data integrity.

You can't make a business decision without complete confidence that the data you are looking at is 100% complete and accurate. Rayven has developed proprietary processes that can ensure its integrity.

## Data Science.

Rayven's industrial data science team lives and breathes data, uniquely understanding the value it can bring to your business. IoT is not about collecting *lots* of data, it's about collecting the *right* data and doing smart things with it. Our experts will guide you through this process, ensuring you get the most out of your solution.

