Spotfire® Visual Industrial Analytics for High-Stakes Decisions

Where domain expertise, advanced analytics, and AI work together

Spotfire® is a visual industrial analytics platform. It brings advanced analytics, industry-specific visualizations, and AI together in a single governed environment, so engineers, scientists, and operations teams can turn complex industrial data into trusted, actionable intelligence.

Where most analytics tools stop at reporting what happened, Spotfire is built for investigation, helping experts understand why something changed, what it means, and what to do about it. AI is built into that experience rather than bolted on beside it, working with the operational context, domain expertise, and governed data that make industrial decisions defensible.

Built on more than 30 years of statistical and industrial analytics innovation, Spotfire helps organizations move from reactive analysis to proactive, confident decision-making — reducing risk, improving performance, and driving continuous operational improvement across the enterprise.

The challenge industrial organizations face

Industrial organizations are generating more data than ever, but insight, risk detection, and performance improvement aren't keeping pace.



Four problems recur across industries:

- **Fragmented insights** — Siloed tools, disconnected disciplines, and static handoffs slow critical decisions and leave teams working from incomplete context.
- **Hidden value leakage** — Production, process, and operational signals aren't explored together, leaving performance, yield, and revenue on the table.
- **Analytical friction** — Experts spend hours assembling views instead of interpreting insight, and manual rework delays action.
- **Growing complexity without control** — More data, more tools, and more AI are producing fewer confident decisions, not more.

How Spotfire enables teams to solve complex problems

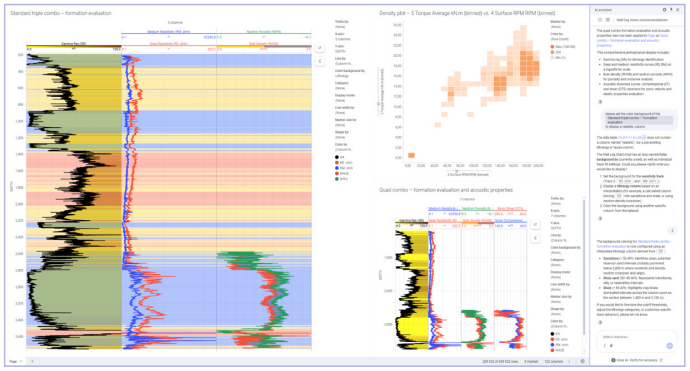
Spotfire introduces an industrial analytics decision layer, connecting data, domain expertise, and AI-augmented insight to accelerate high-stakes decisions - here's how:

Discover Insights

Understand what's happening.

Reveal what matters inside complex operations — patterns, signals, and opportunities that traditional data applications miss.

- Interactive, visual exploration across time-series, spatial, event, and enterprise data
- Domain-specific visuals and AI-guided recommendations
- No coding required, no handoffs — insight stays with the expert

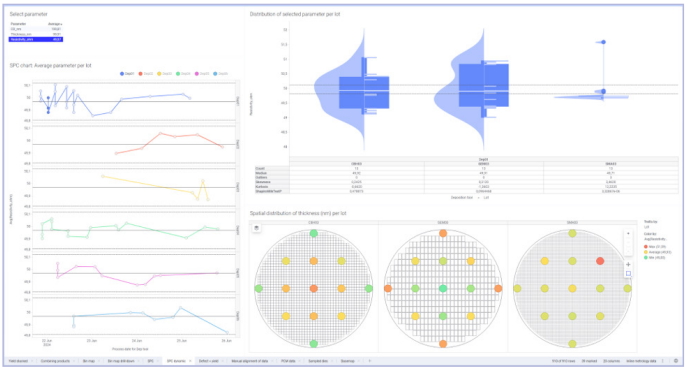


Surface Risks Early

Anticipate what could go wrong.

See risks forming, not just failures after the fact, by combining predictive analytics with operational context.

- Predictive modeling, statistical rigor, and anomaly detection built into the visual workflow
- Thresholds and explainable AI turn lagging indicators into leading signals
- Faster diagnosis and reduced operational uncertainty



Drive Operations Forward

Act, scale, and improve continuously.

Turn analysis into repeatable, governed decision-making that becomes part of how work gets done.

- Automation, analytic applications, and governed enterprise deployment
- Best practices standardized and reused across teams and assets
- Insights connected directly to measurable, sustained performance gains

Why Spotfire

Spotfire is built for the reality of industrial data and the experts who depend on it — not for generic analyses or disconnected point tools.

- **Visual data science** — Only Spotfire fuses interactive visualization with advanced analytics, letting experts solve problems neither the human mind nor computers can solve alone.
- **Built for real industrial data** — Connects, prepares, and analyzes data at any scale, from time-series and historian data to spatial, streaming, and enterprise sources.
- **Decades of analytical depth** — More than 30 years of statistical rigor, extended continuously with modern AI and machine learning.
- **Governed and explainable** — Full data lineage, auditability, and repeatability, built for regulated and operationally sensitive environments.
- **Extensible by design** — Custom visualizations, Action Mods, embedded analytics, and native Python/R integration extend the platform to any workflow.

One platform, scaled to your needs

The Spotfire platform is comprised of Spotfire® Analytics, and Spotfire® Industry Pro, which set the analytical depth available to your experts, whereas Spotfire® Enterprise governs how that analysis is secured and deployed across the organization.

	AT A GLANCE
Spotfire Analytics	The entry point to visual industrial analytics. Interactive, visual exploration of industrial data, including AI-augmented insights, integrated visual data wrangling, and real-time and historical analysis in one environment.
Spotfire Industry Pro	The full analytical environment for complex industrial work. Everything in Spotfire Analytics, extended with advanced data preparation, statistical modeling, and process optimization, plus industry-specific visualizations, templates, and workflows. Includes Spotfire Statistica®.
Spotfire Enterprise	The governance and deployment foundation. Enterprise-grade security and access control, multi-node scalability, centralized administration, and hybrid, on-premises, or cloud deployment. Added to Spotfire Analytics or Spotfire Industry Pro, not licensed on its own.

AI that works with your context, not around it

Spotfire AI runs inside the analytical environment where the evidence lives, so findings can be examined rather than simply accepted. Experts work with it in two complementary ways, both on the same governed foundation:

In conversation — ask questions in natural language and get guidance on the next analytical step, without leaving the visual context.
Through agents — Insight Agents carry out a defined analytical goal and return findings with the supporting evidence attached.

AI doesn't replace what makes Spotfire powerful. It amplifies it.

An extensible platform

Spotfire extends through a growing ecosystem of visualizations, AI agents, analytics, connectors, and applications — letting teams tailor the platform to their exact workflows:

Visualizations Expand visual analytics with advanced, customizable charts to better represent and analyze data.	**Insight Agents** AI-powered agents tailored for specific use cases to analyze and discover insights in your data.
Data Functions Add advanced analytics to the data pipeline with geospatial, statistical, computational, and ML functions for deeper insight.	**Actions** Automate analytical tasks and trigger processes for streamlined workflows.
Applications Ready-to-use solutions with advanced functionality, designed to address specific business challenges.	**Spotfire AI** Go from question to decision faster with AI-augmented analysis. Spotfire AI brings conversational, agent-assisted exploration into the platform, with domain experts staying in control.
Accelerators Fast-start packages for developing analytics applications with Spotfire.	**Data Connectors** Integrate additional data sources for seamless access to a broader range of data.
Statistica Nodes Custom extensions for Spotfire Statistica® (included in Spotfire Industry Pro), extending advanced statistical workflows into the platform.	**IronPython & JavaScript** Custom scripts and components to configure, automate, and tailor Spotfire analyses and applications.

Delivering value across industries

Spotfire's industrial analytics capabilities are tailored to the workflows, data types, and decisions unique to each industry:

Energy	Reduce non-productive time, optimize production, and improve asset reliability across wells, facilities, and grids.
High-Tech Manufacturing	Accelerate yield learning, reduce scrap, and scale quality optimization from fab to global operations.
Financial Services	Detect subtle patterns in trading behavior, identify emerging risk, and improve risk-adjusted performance.
Logistics & Transportation	Optimize fleet reliability, routing, and warehouse operations with real-time and predictive insight.
Telecommunications	Understand subscriber behavior and network performance to reduce service downtime.

Trusted for the world's most complex decisions

Global organizations across energy, high-tech manufacturing, financial services, logistics, and telecommunications rely on Spotfire to bring visual analytics, advanced computation, and human expertise together in one governed environment — helping teams move from reactive analysis to proactive operations.

Spotfire®

Ready to bring visual industrial analytics to your manufacturing operations?

Talk to an expert today at **www.spotfire.com/contact-us**

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