

The AI-Native Decision Execution Hub

for Supply Chain Planning



Plan.



Optimize.



Govern.



Execute.



Autonomously.

ICRON helps supply chain teams make faster and better decisions, respond to changes with greater control, and improve service quality, efficiency, and resilience.

By combining specialized autonomous AI agents with advanced analytics, optimization, and deep industry know-how, ICRON turns complex decisions into coordinated and governed actions while continuously improving outcomes.

Why ICRON

Generative AI cannot reliably execute complex supply chain decisions on its own. Execution requires decisions that reflect operational constraints, business rules, risks, regulations, and domain logic. ICRON closes this gap by combining trusted decision-making, advanced optimization, and governed AI agents to turn complex decisions into coordinated, executable action.

Built for Execution

Built on 30+ years of optimization expertise, deep supply chain knowledge, proprietary multi-solver optimization, and specialized AI agents, ICRON enables explainable, governed decisions that are ready for execution, with people actively involved throughout the process.

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Value Pillars of the AI-Native Decision Execution Hub

1

Trusted Decision
Quality

2

Optimization-Led
Execution

3

AI-Native Agentic
Ecosystem

1

Trusted Decision Quality

Every decision is grounded in your business rules, risk profile, and regulatory obligations. ICRON embeds deep domain expertise into decision modeling, ensuring outputs are explainable, auditable, and governed.

Decision Modeling

- Embedded domain expertise, business rules, and industry-specific logic
- Built-in regulatory compliance

Decision Trust

- Explainable, auditable, governed, and traceable decisions
- Policy-compliant by design

Risk Intelligence

- Recommendations aligned with your corporate risk profile
- Calculate and optimize risk while identifying opportunities

Continuous Control

- Decisions and outcomes tracked against KPIs
- Performance visibility supports continuous improvement

2

Optimization-Led Execution

ICRON turns complex operational decisions into execution through advanced optimization and automation. Governed workflows capture outcomes and exceptions, feeding them back into the decision context. No-code configurability enables deployment within weeks.

Multi-Solver Optimization Core

- Heuristics, optimization methods, simulation, and advanced analytics
- In-memory parallel computing

Closed-Loop Automation

- Execution outcomes feed decision context
- Exceptions and constraints are captured
- Decisions are put into execution
- Governed autonomous workflows

Rapid Deployment & Integration

- No-code, configurable decision logic
- Industry constraints rapidly embedded, with deployment in weeks, not months

3

AI-Native Agentic Ecosystem

Multiple specialized AI agents plan, optimize, govern, and execute decisions while keeping humans in control where it counts. The system learns from every cycle and gets smarter over time.

Multi-Agent Decision Making

- AI agents plan, optimize, govern, and execute decisions
- Orchestrates domain-specific and customer-built AI agents

Human-on-the-Loop Governance

- Approval, override, and escalation where required
- Governance rules for autonomous decisions

Continuous Learning

- Governed AI feedback improves decision logic
- Parameters and policies improve over time

Extensible AI Ecosystem

- Build your own services and custom AI agents
- AI extensibility for customer-specific needs



AI-native execution across end-to-end supply chain planning

Demand Planning | Order Promising | Inventory Planning and Optimization | Procurement Planning | Production and Capacity Planning | Production Scheduling | Finance and Budget Planning | S&OP | Network Design



Industries served

F&B/CPG | Life Sciences | Chemicals | Electronics | Automotive | Industrial Manufacturing

Discover how ICRON turns complex supply chain decisions into coordinated execution.

hello@icrontech.com | www.icrontech.com