

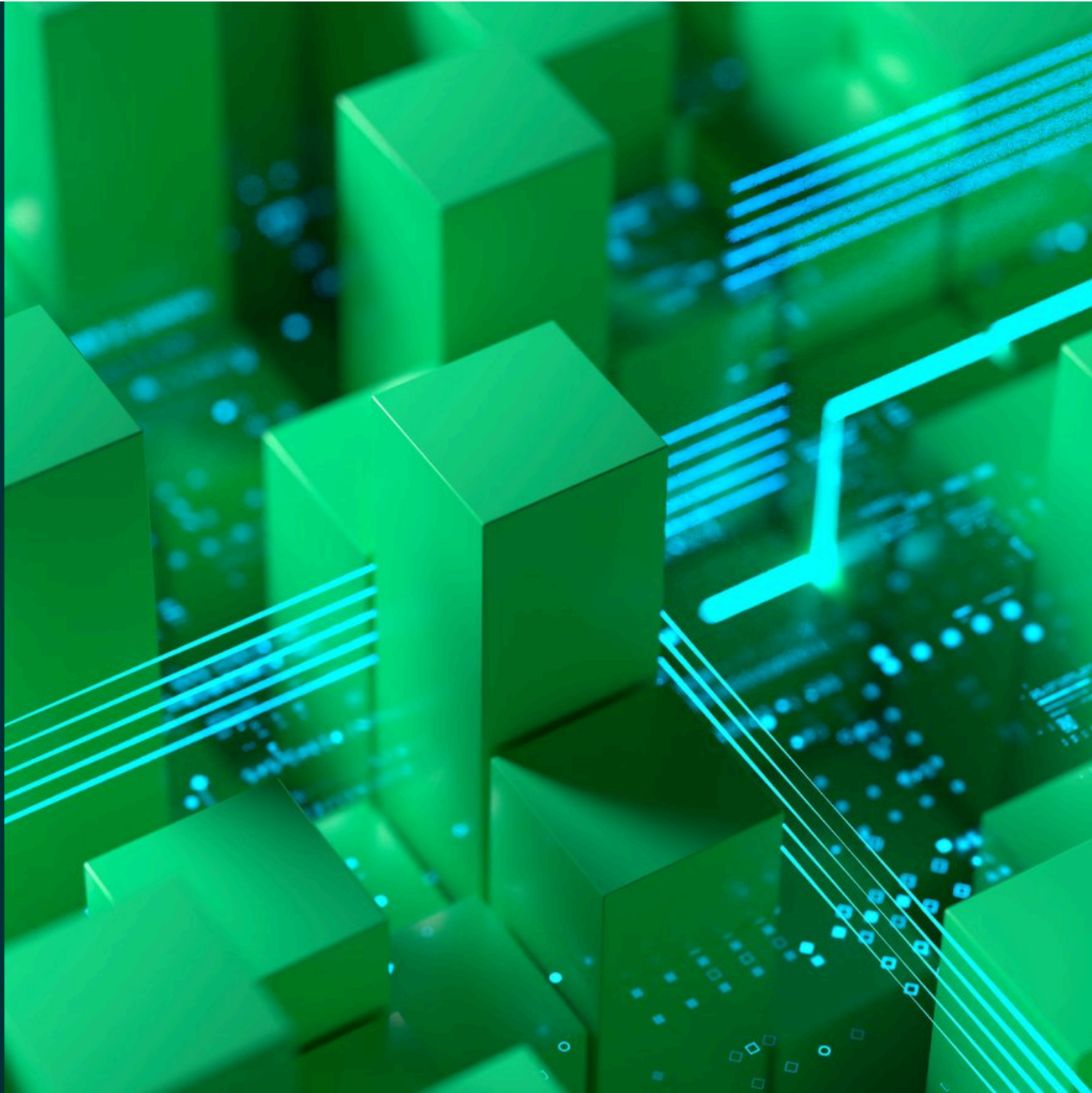


Intelligent process automation

How Unisys Smart Rule applies AI
innovation to business rules



Automating rules-based processes



Searching for rules in hundreds of pages of legal or policy text can feel like the ultimate needle in a haystack hunt. However, AI and automation can transform this exercise. The Unisys Smart Rule solution combines human expertise and AI-driven solutions to automate business processes, support decision-making and check compliance with legal and policy requirements.

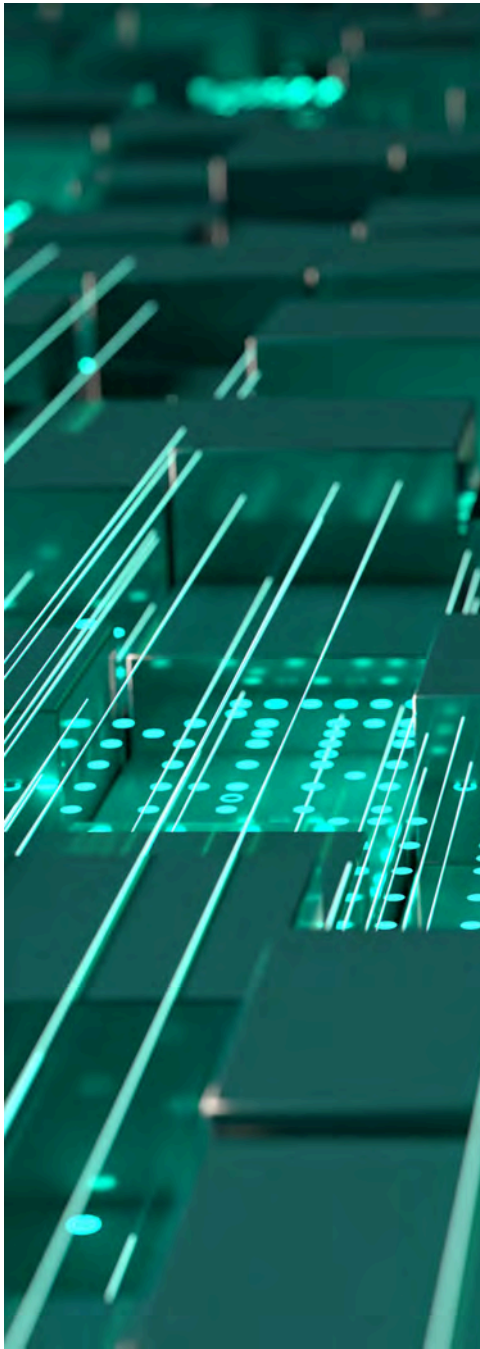
Smart Rule retrieves the rules from documents. An intuitive dashboard lets you compare business text and extract business rules and conditions side by side. This seamless approach supports inquiry handling, data classification and other business processes.

Traditional approach vs. Unisys Smart Rule

	Traditional rules-based systems	Smart Rule
Speed and efficiency	Slower, often manual processes	Real-time rules-based decision-making
Transparency and control	Limited visibility and auditability	Full audit trails
Cost impact	High costs from manual setup and ongoing maintenance	Reduced operational costs through automated processing
AI ethics and compliance	Risk of inconsistent decisions and compliance gaps	Transparent AI with human expert validation for fair, compliant decisions

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<https://explore.unisys.com/story/smart-rule-intelligent-process-automation/page/2/1>



Smart Rule possibilities by industry

Financial services and insurance

- Policy underwriting
- Claims processing
- Loan approvals
- Regulatory reporting

Higher education

- Scholarship qualification
- Course equivalency decisions
- Financial aid processing



Travel and transportation

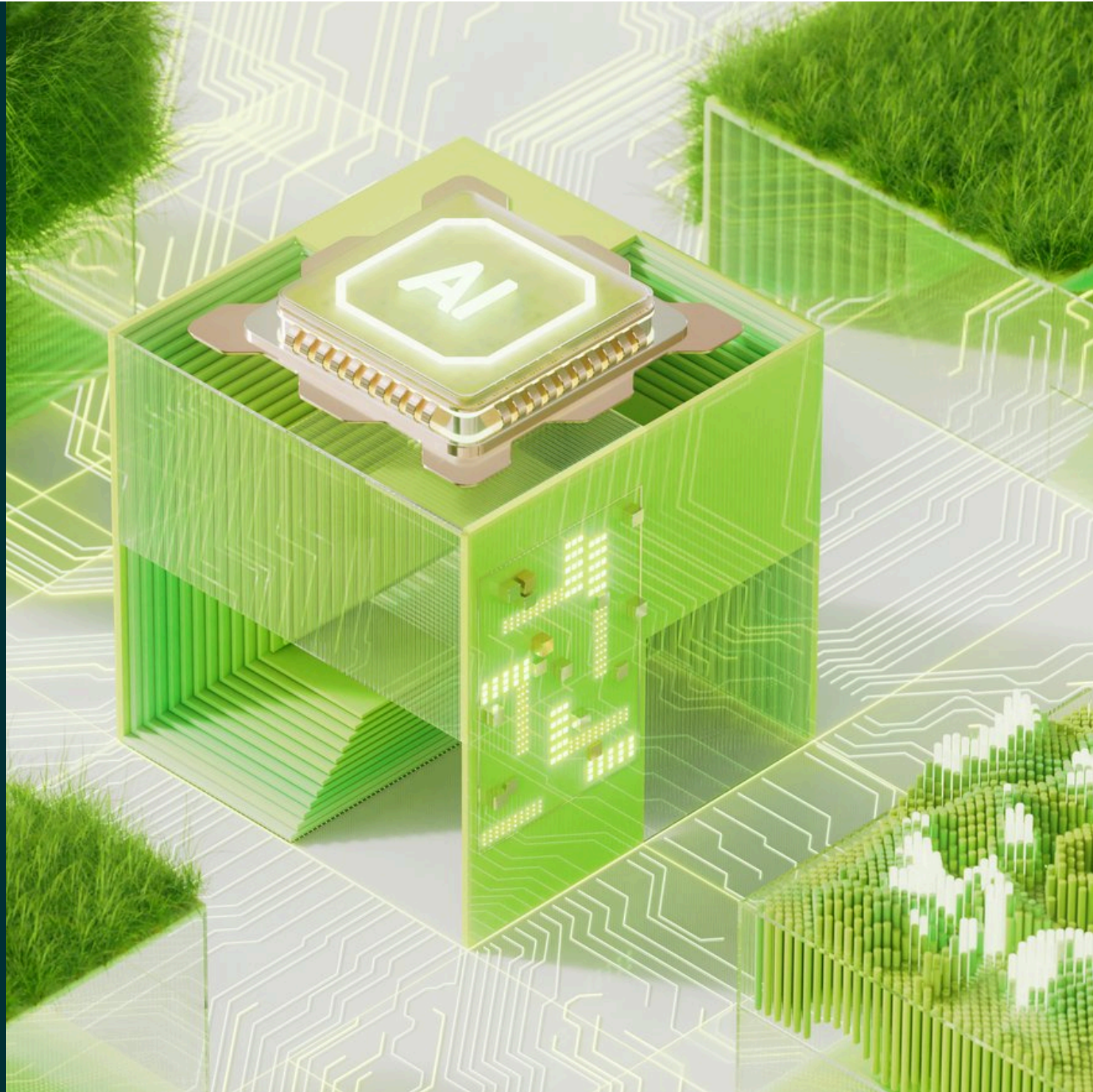
- Crew scheduling compliance
- Route optimization approvals
- Maintenance scheduling

Public sector

- Benefits eligibility determination
- Regulatory compliance checks
- Grant application screening



Smart Rule key features



Rules guide most business processes and form the framework for effective operations. AI can play a crucial role in analyzing unstructured text, identifying policies and automatically converting them into rules, making it easier to abide by laws and regulations.

Smart Rule's features make it a comprehensive solution to address the complexities of modern business operations.

Law as a code

Law as a code extracts actionable rules from legal texts in line with legal statutes and regulations. Combining data mining, AI, process automation and aggregation, law as a code interprets legal texts correctly and consistently. This automates legal compliance checks and verifies that business operations adhere to your current legal framework.

Smart Rule use case: Compliance checks

Financial institutions can automatically verify transactions against anti-money-laundering laws, while healthcare providers can ascertain whether patient data management satisfies HIPAA requirements.

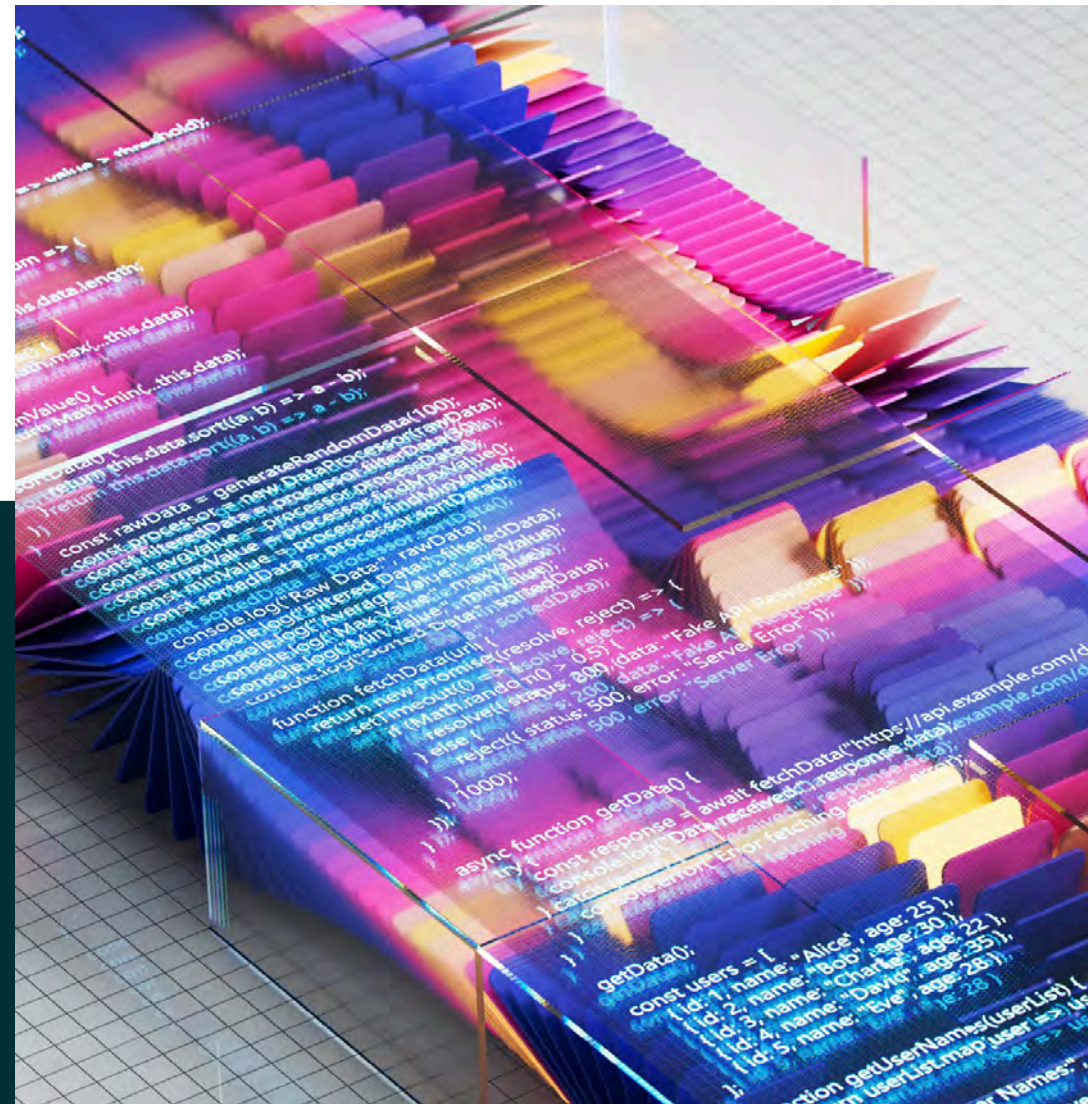


Policy as a code

Policy as a code codifies internal policies using AI and automates policy enforcement and compliance across all your organization's departments. By identifying overlapping policies, Smart Rule ensures consistency.

Smart Rule use case: Data policy enforcement

Organizations can automatically enforce data security policies, keeping data handling practices compliant with industry standards. This is particularly useful in industries with stringent regulatory requirements, such as finance and healthcare.

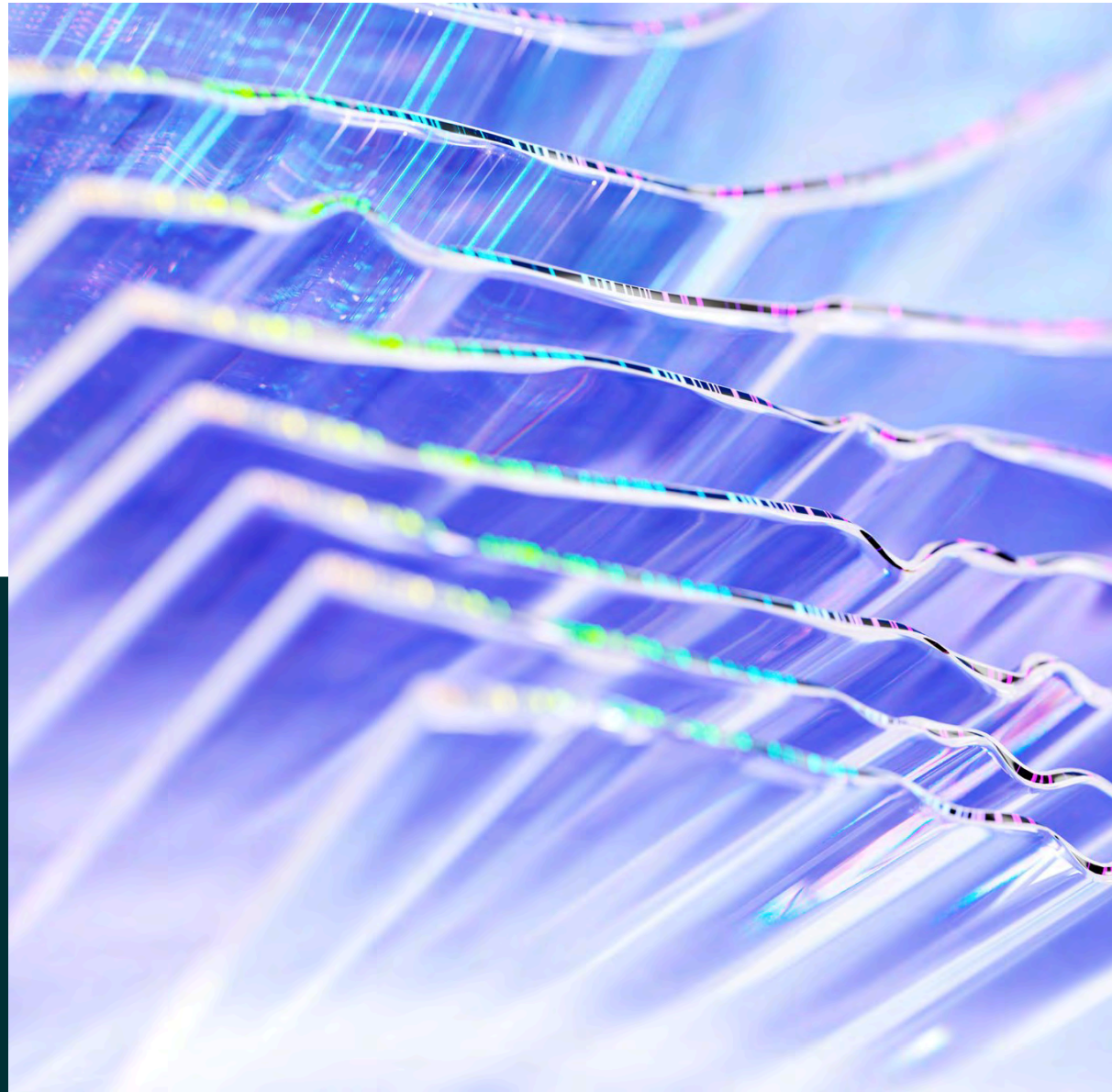


Automated input management

Automated input management collects, validates and processes incoming data from various sources. Smart Rule classifies and processes this information.

Smart Rule use case: Data processing

Healthcare providers can automatically assess patient data from multiple systems, ensuring accuracy and consistency. Logistics companies can track inventory levels, manage shipments and process orders without manual intervention.

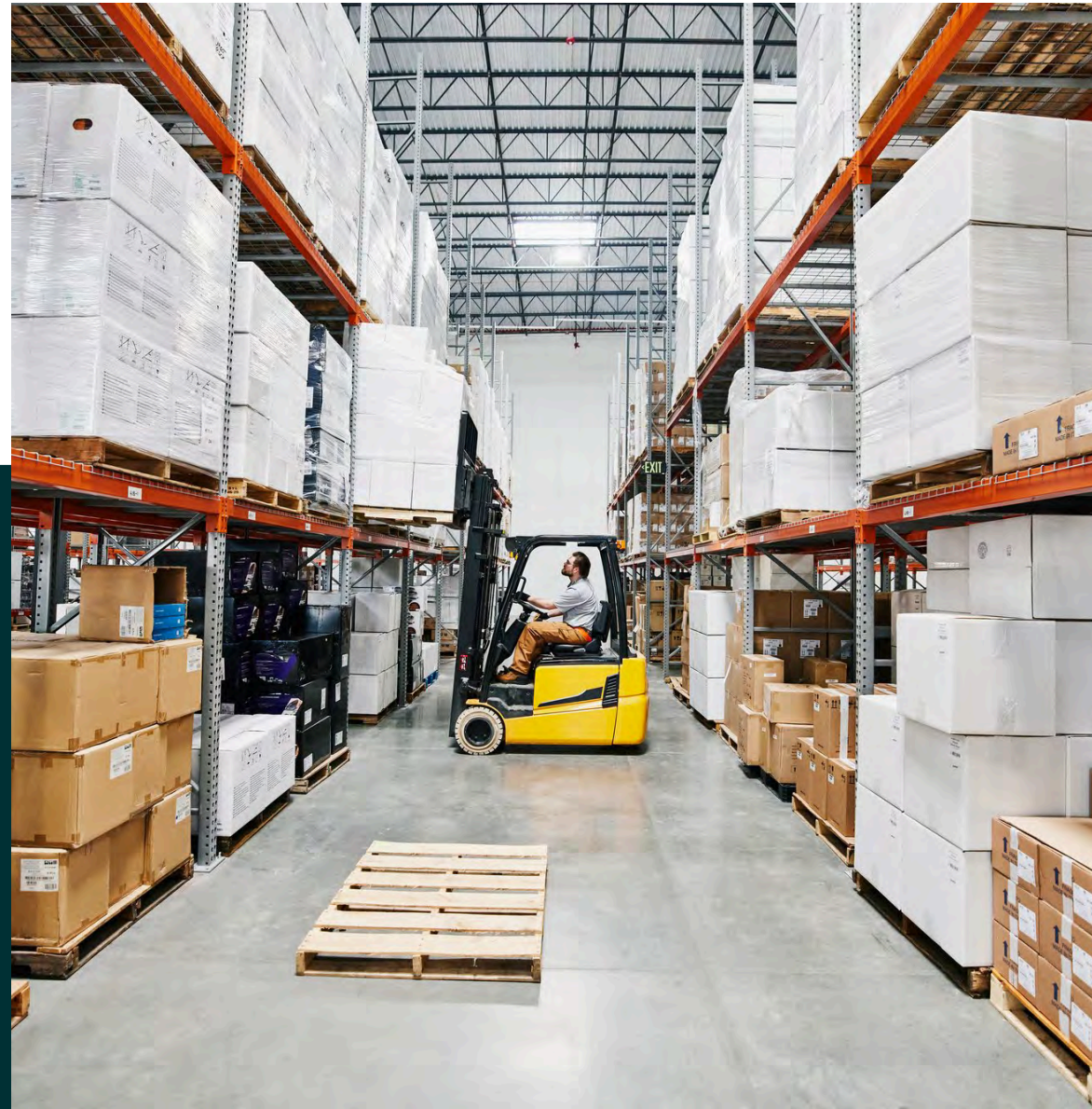


Decision support system using workflows

Decision support system using workflows provides a structured approach to decision-making using predefined workflows and AI-powered recommendations based on your past decisions.

Smart Rule use case: Supply chain management

Manufacturing firms can make supply chain decisions based on real-time data and established best practices. Law firms can manage case workflows effectively, as Smart Rule makes it easier to follow required steps and meet deadlines.



Smart Rule business benefits



Smart Rule's modern approach to rules-based decision-making delivers several business benefits over the traditional manual approach, such as identifying conflicting rules within and across documents.

- **Enhanced decision-making:** Benefit from automated decision-making and better tracking and accountability. This improves business outcomes and operational efficiency.
- **Improved compliance:** Reduce the time and resources needed for legal compliance, minimize the risk of human error and remain up to date with legal requirements. Smart Rule can flag missing information and requirements. Automating checks allows you to focus on core activities.
- **Increased consistency:** Respond to customer and citizen queries, permits and applications and enforce policies more consistently with less administrative burden. Smart Rule creates a transparent, accountable work environment where employees know the policies and the consequences of non-compliance.
- **Accelerate response times:** Speed up data processing of applications, reduce manual data entry errors and overcome administrative bottlenecks, leading to more efficient operations. Smart Rule reduces manual work and operational costs, while the ability to compare business text with business rules in a dashboard makes reviews simple and efficient.
- **Greater intelligence:** Gain real-time data analytics and insights to guide your organization's strategic decisions and operational improvements. Ongoing validation and updates keep you agile as regulations evolve.

Government agency increases efficiency

The Austrian Ministry of Finance wanted to automate processes and improve citizen services. During a pilot program, the agency used Smart Rule's law as a code feature to hyperautomate business processes and accelerate decision-making to better serve citizens.



How Unisys can help

Unisys has extensive experience in AI and automation, a commitment to ethical and transparent AI practices and a proven track record of delivering innovative solutions that drive business outcomes. Our expertise in integrating AI with business processes means you benefit from practical solutions that are compliant with regulatory standards.

How could Smart Rule benefit your organization?

Visit unisys.com or [contact us](#) to schedule a consultation with our experts today.

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