

E-BOOK

SUPERCHARGE YOUR UNSTRUCTURED DATA MANAGEMENT

With Cloud & AI



Data is at the Core of Modern Enterprise Strategy

For today's data-driven enterprises, data is no longer a mere byproduct of business operations - it is the backbone of strategic decision-making, innovation, and competitive differentiation. Research from McKinsey highlights this impact: data-driven organizations are 23 times more likely to acquire customers, six times more likely to retain them, and 19 times more likely to outperform their peers in profitability. The potential for enterprises to unlock immense value from data has never been greater.





The Unparalleled Value of Unstructured Data

Unstructured data accounts for 80-90% of enterprise data and encompasses - emails, contracts, invoices, customer interactions, videos, employee records, financial statements, and beyond. It provides a rich insight into an enterprise's operations and customer interactions. When harnessed effectively, it can become a vital resource for identifying patterns, predicting trends, and generating insights that drive innovation.

The role of unstructured data has become even more significant in the context of enterprise AI. Advanced AI models, particularly large language models (LLMs) leveraged for GenAI, depend on diverse and high-quality datasets to deliver accurate results. Unstructured data—from customer support logs to operational reports—provides the variety and depth these models require to achieve optimal performance that is tailored to the enterprise.

By proactively integrating unstructured data into the next generation of AI-driven workloads, enterprises can unlock transformative capabilities. They can automate complex tasks, democratize enterprise knowledge, gain predictive market insights, and deliver hyper-personalized customer experiences at scale. Unstructured data can position organizations to not only compete but to lead in this rapidly evolving digital economy.



Unstructured Data Remains Untapped

Despite representing 80% of enterprise data and holding immense business value, much of the unstructured data remains underutilized. Enterprises generate vast amounts of unstructured data daily—spanning contracts, invoices, customer communications, research reports, and operational logs—but it often ends up fragmented across siloed systems and departments. Without effective data management, these critical assets are relegated to costly storage solutions, contributing little to business operations or strategy.

Organizations that can systematically capture, organize, and analyze their unstructured data will be better positioned to innovate, enhance customer experiences, and navigate an increasingly complex regulatory landscape. This vast reservoir of untapped data presents both a challenge and an opportunity.

The question is no longer whether enterprises should address their unstructured data management more effectively—it is about finding scalable, efficient strategies to unlock its full potential and turn it into a competitive advantage.



Why is Unstructured Data so Challenging?

Unlike structured data, which is neatly organized into rows and columns in easy-to-query centralized databases, unstructured data is inherently complex and difficult to manage or analyze.

The challenges are multi-faceted:



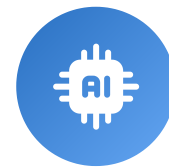
Exponential Growth: Data volumes are doubling approximately every two years, putting immense pressure on traditional storage and management systems. Without scalable solutions, enterprises risk running out of capacity and budget.



Fragmentation: Siloed storage systems across various departments and applications prevent enterprises from obtaining a holistic view of their data, complicating workflows and decision-making.



Regulatory and Security Risks: Unstructured data often contains sensitive information such as personally identifiable information (PII) and financial records. Poor management can lead to compliance violations, large legal penalties, and reputational damage.



Diverse Formats: From text and audio to video and images, unstructured data spans numerous formats, each requiring specialized tools for effective processing and analysis.



Complexity in Analysis: Extracting actionable insights from unstructured data is challenging due to its irregular nature and lack of predefined structure. This often necessitates the use of advanced technologies like machine learning, which can be costly and resource-intensive to implement.



Without a cohesive strategy for unstructured data, organizations are missing out on opportunities for innovation and growth while also facing spiraling costs, inefficiencies, and increased compliance risks. As businesses look toward AI-driven transformation, overcoming these challenges is no longer optional it is imperative.



Turn Chaos into Knowledge with Cloud & AI

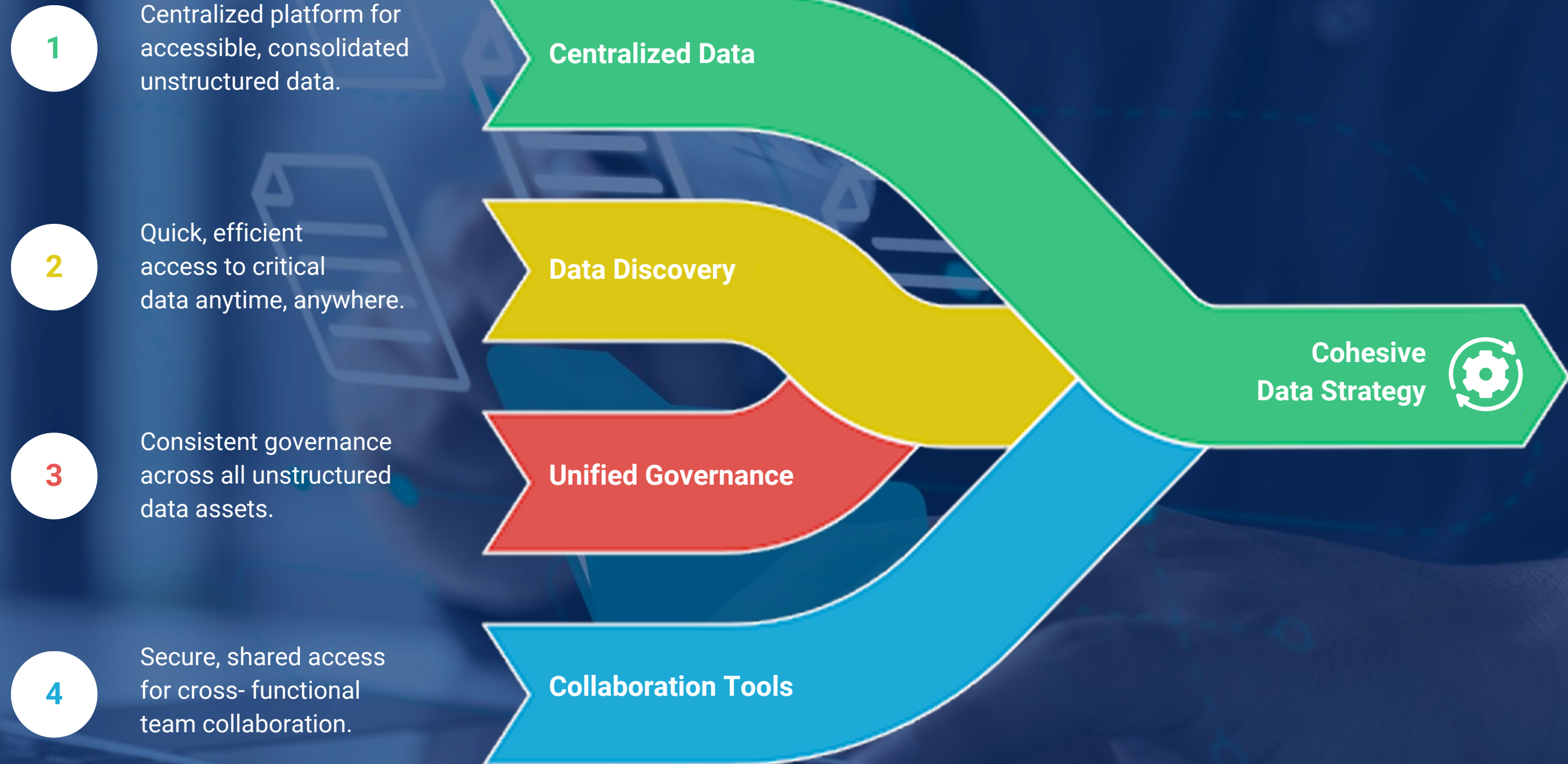
To address the unstructured data challenge, enterprises must shift from incremental fixes to transformative strategies. Cloud computing, machine learning, and generative AI are reshaping how organizations approach unstructured data management and analysis.

Modern cloud and AI-driven content platforms like Solix ECS are at the forefront of enabling this transformation, empowering enterprises to unlock actionable insights, enhance compliance, and drive operational excellence.

Let's see how Solix ECS can enable and fast-track your journey from Chaos to Knowledge.

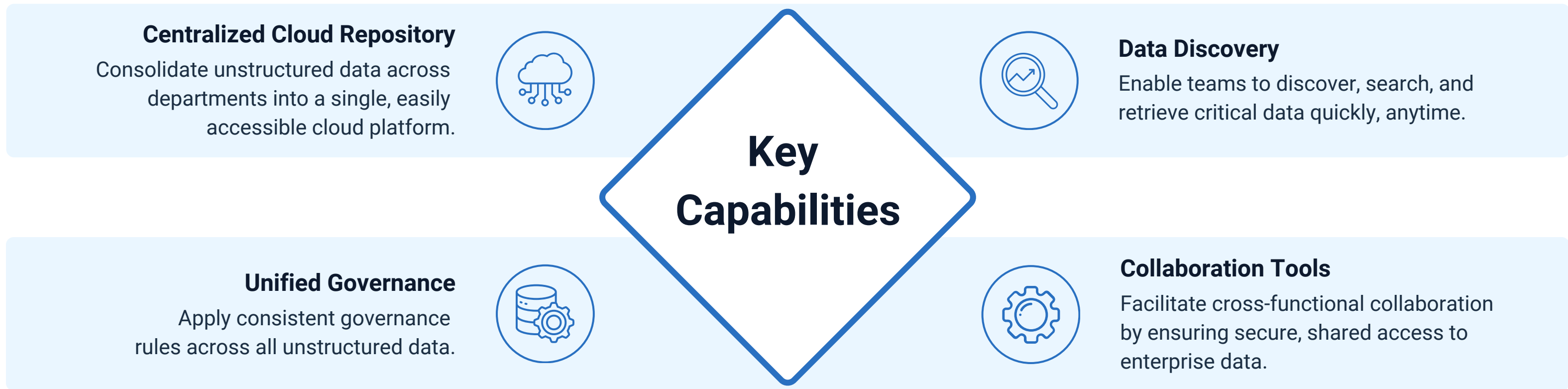


Key Factors Defining Data Strategy Success



Breakdown Silos

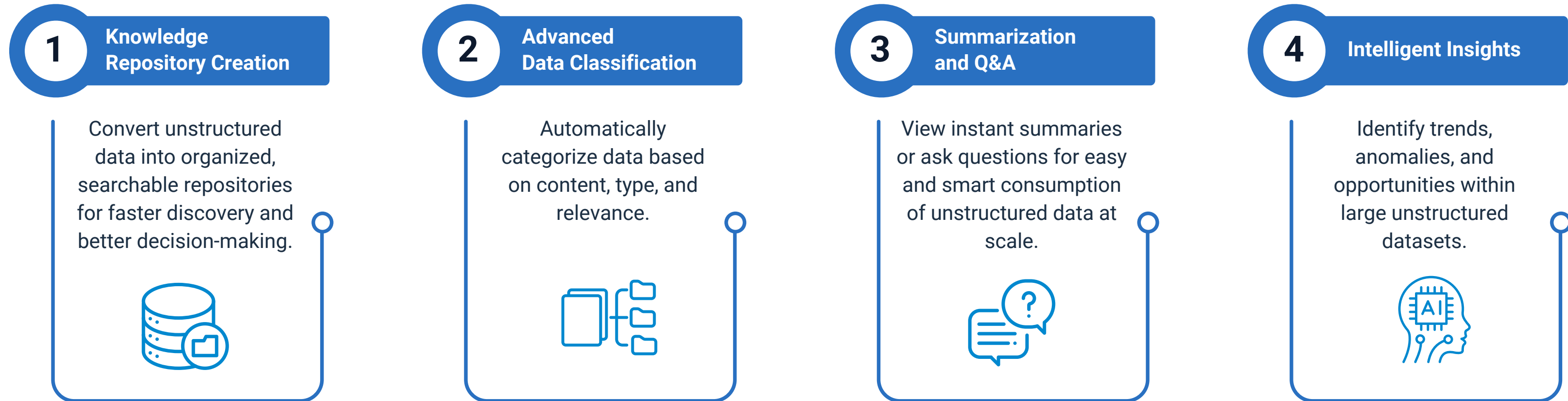
Data silos create significant barriers to visibility, governance, and collaboration, often resulting in inefficiencies and compliance risks. Solix ECS addresses these challenges by integrating unstructured data into a centralized, highly capable cloud content platform. This consolidation enables seamless data access and uniform enforcement of governance policies, empowering organizations to develop a cohesive data strategy and lay the foundation for data-driven innovation.



Use Case: A large European bank consolidated its disparate document repositories into a unified cloud content system. This effort reduced data retrieval times by 70% and allowed teams in compliance, risk management, and customer service to work collaboratively on the same datasets.

Turn Unstructured Data into Knowledge

Leveraging natural language processing (NLP) and machine learning, Solix ECS can organize, analyze, and classify vast volumes of unstructured data at a fraction of the cost and time of manual efforts. By extracting crucial data points and actionable insights from files such as contracts, financial reports, and customer interactions, enterprises can quickly transform unstructured data into knowledge repositories, driving informed decisions and uncovering hidden opportunities.



Use Case: A top retail company leveraged GenAI on historical customer support logs and resolution data to proactively suggest solutions for common customer queries. This innovation enhanced self-service capabilities, significantly reducing customer support call volume and achieving over 40% cost savings within a year.

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Over 75% of organizations state that AI-ready data remains one of their top five investment areas in the next two to three years

- Gartner's 2024 Evolution of Data Management as a Dedicated Function Survey

Drive Next-Level Productivity with GenAI

Generative AI is reshaping how enterprises interact with unstructured data. Solix ECS integrates generative AI capabilities to summarize lengthy documents, create content drafts, and enable intelligent Q&A, enhancing access to information, productivity, and decision-making.

Key Capabilities



Document Summarization

Generate concise, accurate summaries of lengthy reports and files.



Content Generation

Automate the creation of drafts for emails, reports, and proposals.



Intelligent Q&A

Provide users with accurate answers to queries based on unstructured data.



Sentiment and Context Analysis

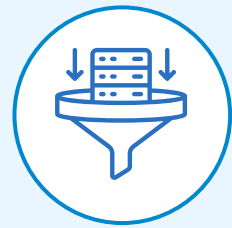
Analyze documents to detect tone, intent, and key insights.

Use Case: A mid-sized legal consultancy firm leveraged the centralized document repository to quickly access and summarize case files and generate draft reports for clients. This saved the firm over 25% of work hours annually and improved response times for client deliverables by 30%.

Automate for Efficiency and AI readiness

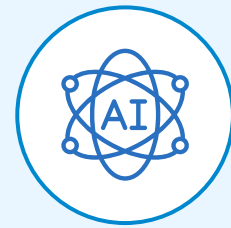
Manual processes drain productivity and introduce errors. Solix ECS, powered by AI, automates repetitive and time-consuming tasks such as data extraction, metadata enrichment, and workflow management. These automations save time, reduce human error, and free up teams to focus on strategic, high-value activities.

Key Capabilities



Data Extraction

Automatically extract key details from documents such as invoices, purchase orders, bank remittances, contracts, emails, and more.



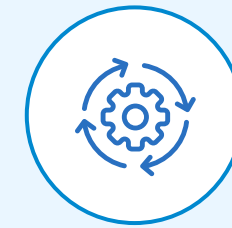
AI Enablement

Prepare unstructured data for seamless integration with AI tools and analytics with advanced metadata templates and enrichment.



Error Reduction

Replace manual processes with automated, error-free operations.



Workflow Automation

Streamline approval processes, data routing, and reporting workflows.

Use Case: A mid-size logistics firm implemented automated invoice collection and processing. This automation reduced processing time from two weeks to two days, improving cash flow and reducing late payment penalties by 40%.

Intelligent Content Lifecycle Management

Unstructured data goes through various stages in its lifecycle—from creation to archival to disposal. Without a robust content lifecycle management strategy, enterprises risk accumulating redundant, obsolete, and trivial (ROT) data that inflates costs and complicates compliance efforts. Solix ECS provides automated tools to manage the entire content lifecycle, ensuring data remains accessible, compliant, and cost-effective.

Key Capabilities

Automated Retention Policies

Implement rules to retain or dispose of data based on its value, age, or regulatory requirements.

Storage Tiering

Move inactive content from production systems to low-cost cloud storage while maintaining continued accessibility for compliance or audits.

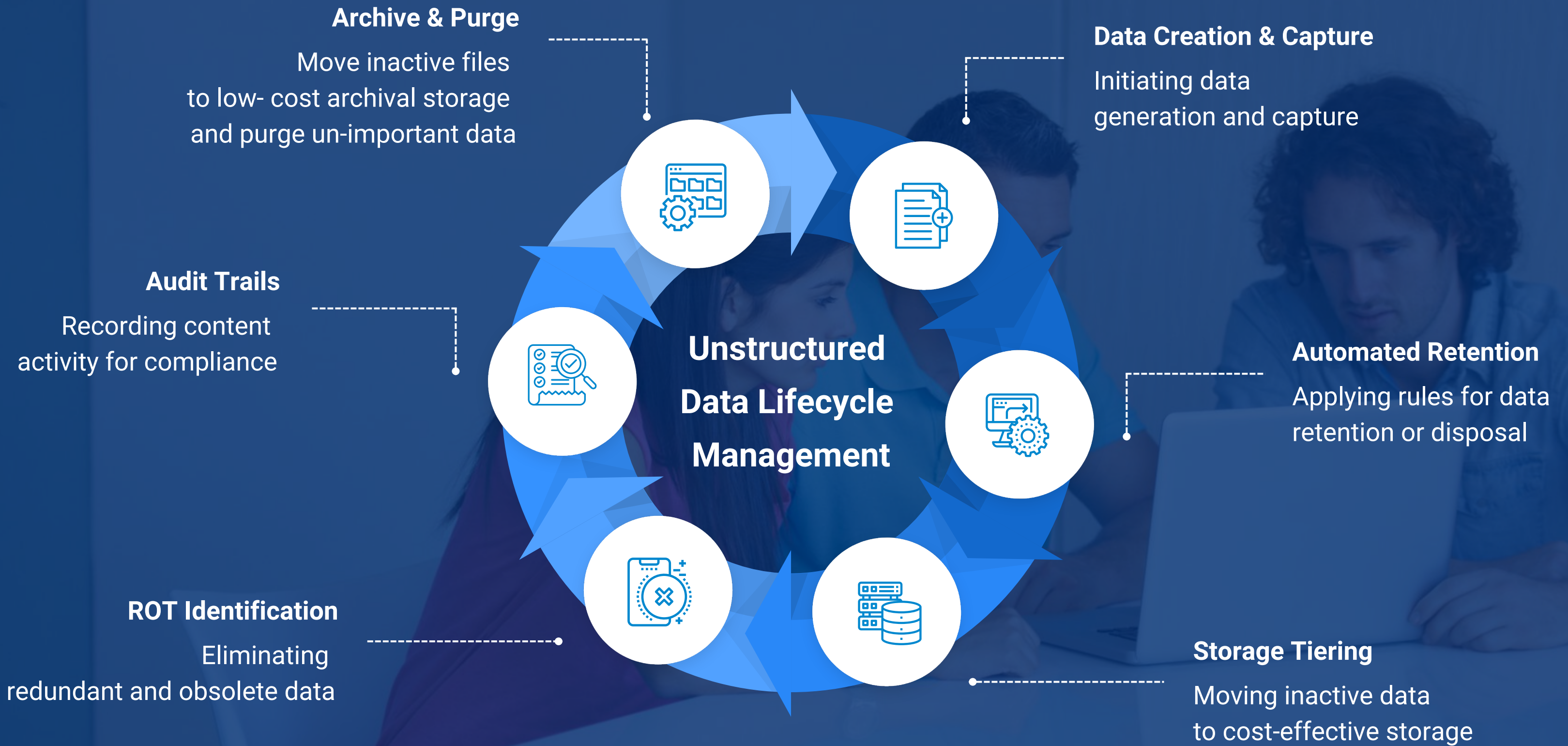
ROT

Identify and eliminate redundant or obsolete content to avoid compliance risks.

Audit Trails

Maintain a detailed history of content activity to support governance and regulatory audits.

Use Case: A large insurance company implemented automated content lifecycle policies, reducing storage costs by 45% while ensuring compliance with industry regulations like GDPR and HIPAA. By archiving inactive data to cloud storage and removing ROT content, the organization significantly improved data accessibility and governance.



Enhance Governance, Compliance, and Security

Poorly managed unstructured data is a compliance minefield in today's regulatory environment. AI-driven Solix ECS proactively classifies documents, enforces governance policies, and monitors for compliance risks. These capabilities secure sensitive information at scale and reduce the risk of costly penalties, ensuring operational integrity and allowing data to be used for business intelligence.

Key Capabilities



Use Case: A regional healthcare network could automate patient record management and ensure compliance with retention policies and HIPAA regulations. By automating classification and policy enforcement, they reduced manual review and filing processes by 95%. Advanced search and case management capabilities also enabled quicker responses to compliance audit requests.

ECM Security and Compliance Maturity Matrix



By 2026, 75% of organizations running GenAI initiatives will reprioritize their data security efforts, shifting their spending from structured data security initiatives to unstructured data security initiatives.

- Gartner Predicts 2025: Managing New Data Exposure Vectors

Cut Costs with Legacy Application Retirement

Legacy repositories are often expensive to maintain, and they lack the scalability needed to manage growing volumes of unstructured data. Solix ECS facilitates the retirement of outdated systems by migrating data to low-cost cloud storage, reducing overhead costs while enhancing data accessibility.

Key Capabilities



Use Case: A global manufacturing company retired its legacy ECM systems, email archives, and on-prem file storage systems and migrated 10 years of historical data to the cloud. This move reduced costs by 50%, improved access to archived records, enabled uniform retention and security policies, and freed up IT resources to focus on innovation projects.

Legacy ECM Modernization with Solix ECS



| The Solix ECS Advantage

The future of unstructured data management goes beyond organization—it's about unlocking its full potential. Solix ECS leverages cloud and AI technologies to simplify unstructured data management, offering scalable, cost-effective solutions while preparing data for AI-driven automation and insights. With advanced governance and compliance capabilities, Solix ECS empowers enterprises to maximize the value of their unstructured data assets without risking regulatory compliance.

As a leading partner for organizations worldwide in enterprise data management, Solix has been recognized by customers and industry analysts for over two decades for its innovation, reliability, and proven expertise.

Starting at just \$99/month, Solix ECS offers a powerful, accessible entry point to revolutionize your unstructured data management strategy.



Sign-up for a
30 Day Free Trial



Request a
personalized demo today





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