



WHY CHANGE YOUR ENTERPRISE SCHEDULER?

Six Reasons To Reinvigorate
the Benefits of Automation with
an Intelligent Control Plane



Executive Summary

You can boost operational efficiency, optimize resource allocation, reduce costs, and improve the bottom line with enhanced automation capabilities.

However, you can only realize those benefits with the right solution. This begs the question: Is your current enterprise scheduler optimally equipped to fuel your business' success in the AI era?

Investing in a state-of-the-art automation platform is a strategic step toward achieving sustainable growth and profitability. Transitioning from a deterministic workload scheduler to an Intelligent Control Plane acts as a catalyst for establishing modern automation practices that safely propel the business forward.

Review this eBook and see whether now's the time to make the change. See how you can harness a robust platform that supports your strategic objectives, today and over the long term.

77%
of organizations are either consolidating their automation tooling or considering doing so.¹

Another **8%** have already completed the process.

Introduction

The hard reality is this: Digital transformation initiatives often fail.

While reasons may vary, often the problem is that teams are struggling because they continue to rely on legacy enterprise job schedulers that lack AI governance instead of an advanced Intelligent Control Plane.

Outdated automation lacks the flexibility, scalability, and advanced capabilities needed to support the demands of a digitally transforming business. Organizations must contend with inefficiencies, fragmented open-source data pipelines, and an inability to safely deploy artificial intelligence into production.

Investment in an Intelligent Control Plane is more than just a short-term fix. It's a strategic move to improve operational control, accelerate innovation, and ensure long-term business success in today's fast-paced digital landscape.

By making the investment, you can:

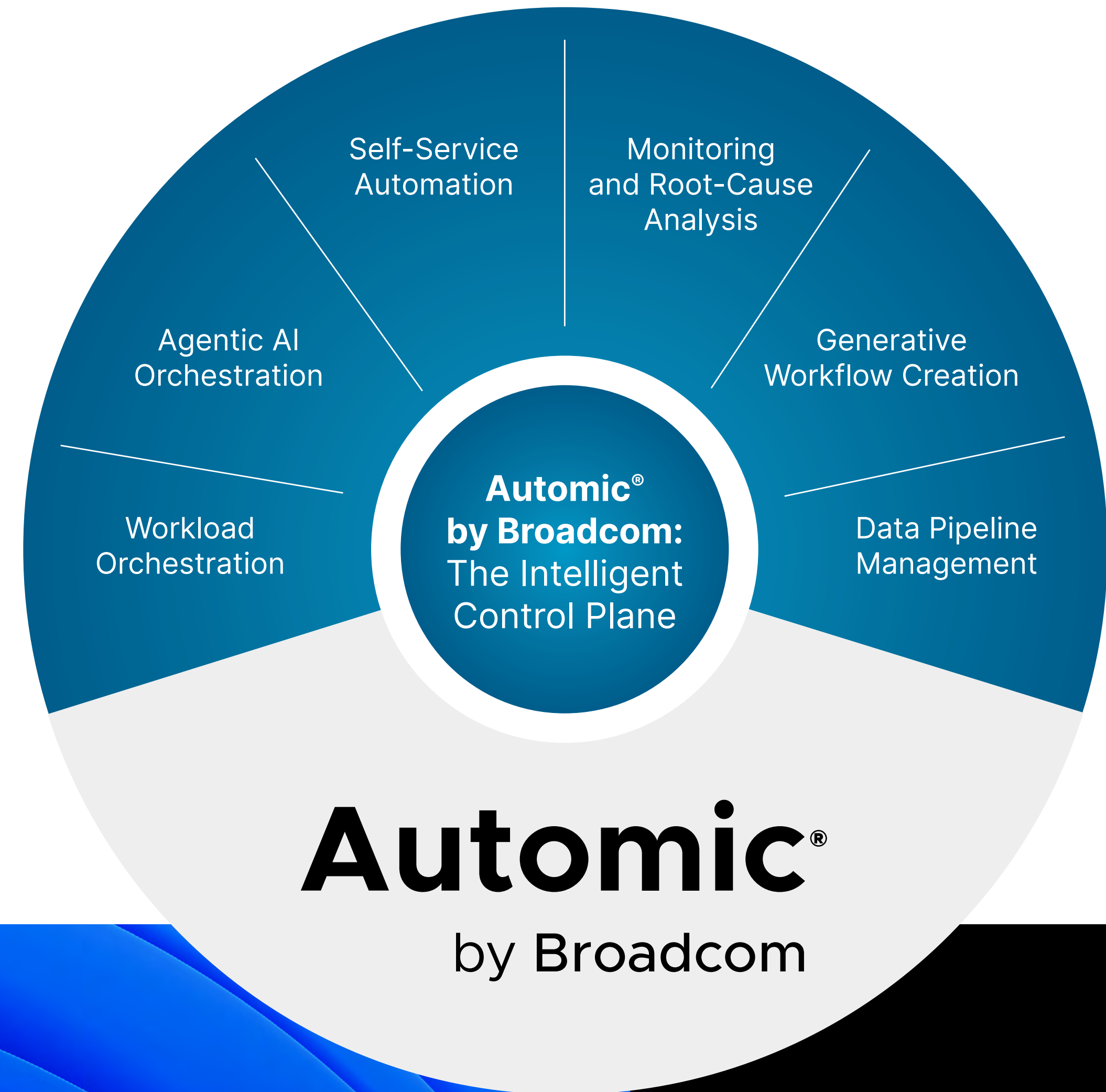
1. Make automation a strategic differentiator.
2. Address modern business challenges.
3. Boost efficiency, productivity, and profits.
4. Support strategic corporate objectives.
5. Deliver enhanced customer experiences that fuel top-line growth.
6. Improve compliance and security.

This eBook examines each of these areas, highlighting how modernizing automation can yield increased value and enable the attainment of your business' top-level strategic objectives.

#1 Make Automation a Strategic Differentiator

Embracing an Intelligent Control Plane fuels innovation and delivers these key business benefits:

- **Operationalize AI Securely:** Function as a universal broker between enterprise systems and any external LLM using open standards like the Model Context Protocol (MCP) and “Bring Your Own Model” (BYOM) architectures.
- **Unify the Hybrid Enterprise:** Extend automation’s reach across the organization—bridging the stability of the private data center and the agility of the AI era.
- **Empower DataOps:** Reclaim data pipelines from fragmented open-source orchestrators by natively executing complex machine learning and data pipelines directly within the platform.
- **Promote Agility:** Provide executives with a framework for aligning automation with business goals, enhancing decision-making and resource allocation.
- **Strengthen Regulatory Compliance:** Deliver the “Governance of Genius” by bounding non-deterministic AI reasoning within strict, deterministic logging and control logic.



#2 Address Modern Business Challenges

Boost operational efficiency and productivity by upgrading to a modern automation platform.

Cloud-native tools and open-source orchestrators only provide fragmented operational controls. To effectively manage automation and prevent issues from impacting the business, teams need a platform that enables unified control over all workloads—whether running in the cloud, on-premises, or across complex hybrid data pipelines.

To maintain agility, groups must be able to respond rapidly to business changes. Organizations are moving beyond static batch processing and are now tasked with safely incorporating artificial intelligence into daily workflows and managing Python execution environments.

By investing in an Intelligent Control Plane, you ensure improved performance and agility, unifying cloud infrastructure, DataOps workloads, and Agentic AI workflows to position your organization for competitive advantage.

+70%

Over 70%² stated that the use of multiple cloud automation solutions caused significant challenges including compliance, delays to delivery, and difficulties with troubleshooting.

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This transition is essential to meet the growing complexity of modern business workloads.

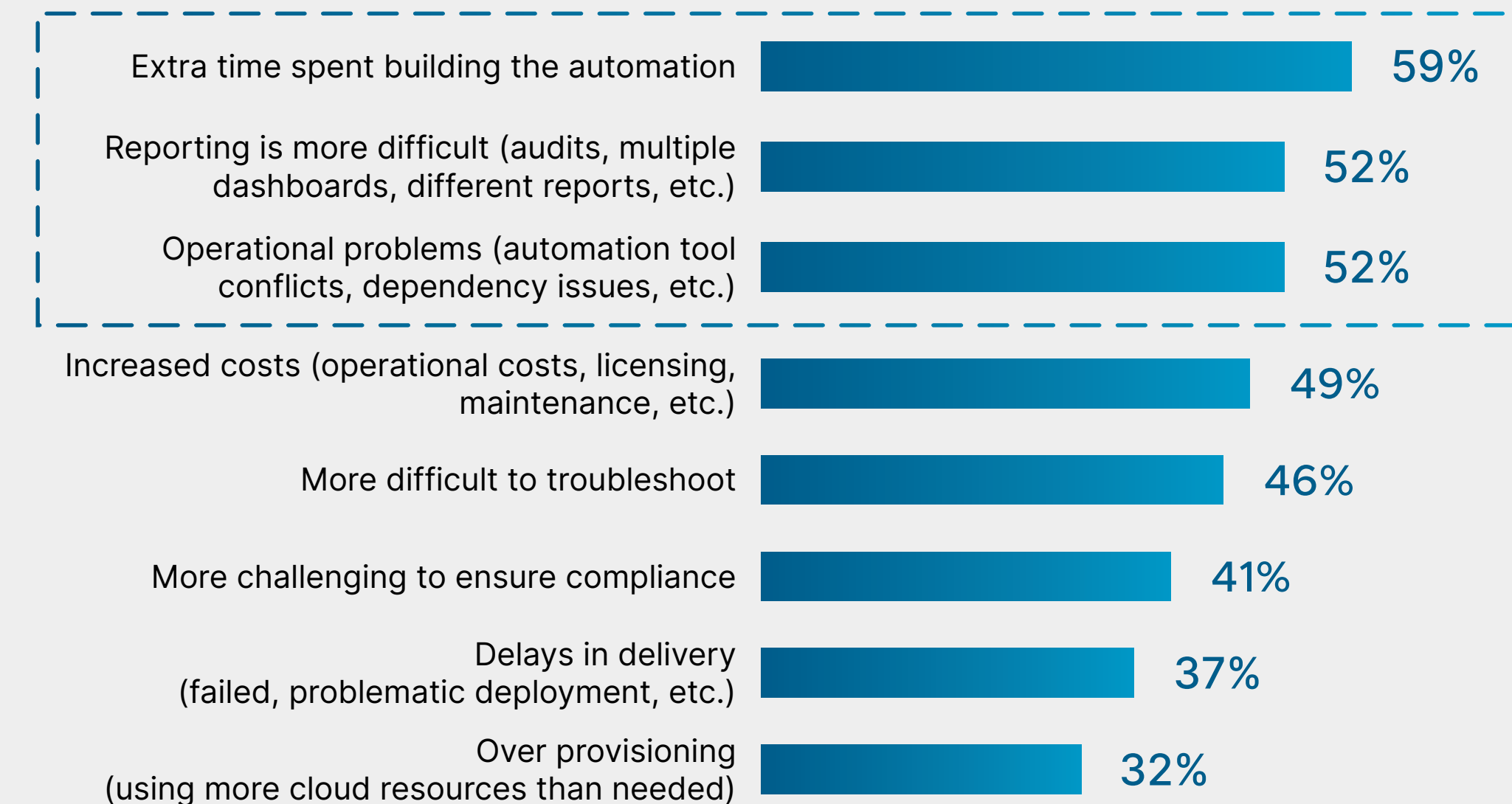
#3 Boost Efficiency, Productivity, and Profits

Replacing outdated workload automation tools is crucial for senior executives seeking to enhance efficiency and productivity.

Legacy systems often lack the capabilities needed to handle modern workloads, leading to bottlenecks. Modern platforms reduce these frictions directly. Generative “Text-to-Workflow” capabilities allow business analysts to accelerate the “Idea-to-Automation” lifecycle by instantly generating fully configured workflow from natural language.

Furthermore, advanced platforms feature embedded Context-Aware GenAI Assistants that perform immediate root-cause analysis on job failures. This reduces Mean Time to Resolution (MTTR) by allowing operators to bypass manual log sifting and receive immediate suggested fixes.

By investing in updated automation technology, Data Engineers can utilize AI-driven Code Assist for intelligent code completion and script generation, significantly enhancing operational efficiency and positioning your organization for improved profitability.



(3)

#4 Support Strategic Corporate Objectives

Adopting an Intelligent Control Plane goes beyond basic IT efficiency; it provides the foundational execution layer required to achieve your most critical corporate mandates, drive revenue growth, and boost shareholder value.

Today's strategic initiatives demand more than just task scheduling. They require a platform capable of supporting complex digital transformations, modernizing infrastructure, and safely executing new technologies.

Operationalize AI with Trust

As the enterprise rushes to adopt artificial intelligence, organizations face a critical barrier: ensuring AI acts securely and within compliance. By transitioning to an Intelligent Control Plane, you establish the rigorous, policy-bounded framework necessary to allow AI to actively execute operational work. This empowers you to operationalize AI with unwavering trust—delivering the “Governance of Genius” by bounding non-deterministic AI decisions within strict role-based access control (RBAC) and audit.

Modernize Core Enterprise Systems

Digital transformation relies on stable, agile backend systems. An advanced automation platform supports major corporate infrastructure shifts by strictly aligning with initiatives like SAP's “Clean Core” strategy. Through dedicated application jobs and advanced integrations, it facilitates seamless SAP RISE/GROW cloud deployments.

Unify Fragmented Operations

Unchecked expansion of cloud tools and open-source data orchestrators leads to fragmented automation and rising costs. An Intelligent Control Plane prevents this by integrating existing tools and providing unified observability and control, ensuring you can foster data-driven decisions and accelerate time-to-market.

Your competitors are already gaining an advantage by adopting advanced automation tools. With these capabilities, they can confidently operationalize new workloads, capture greater market share, and respond more quickly to industry changes.

#5 Deliver Enhanced Customer Experiences that Fuel Top-Line Growth

Replace your existing enterprise scheduler with an Intelligent Control Plane, and you can significantly enhance SLA governance and service delivery.

Advanced platforms establish standardized workflows across the organization, reducing variability, improving predictability, and helping to meet critical deadlines and SLAs more consistently.

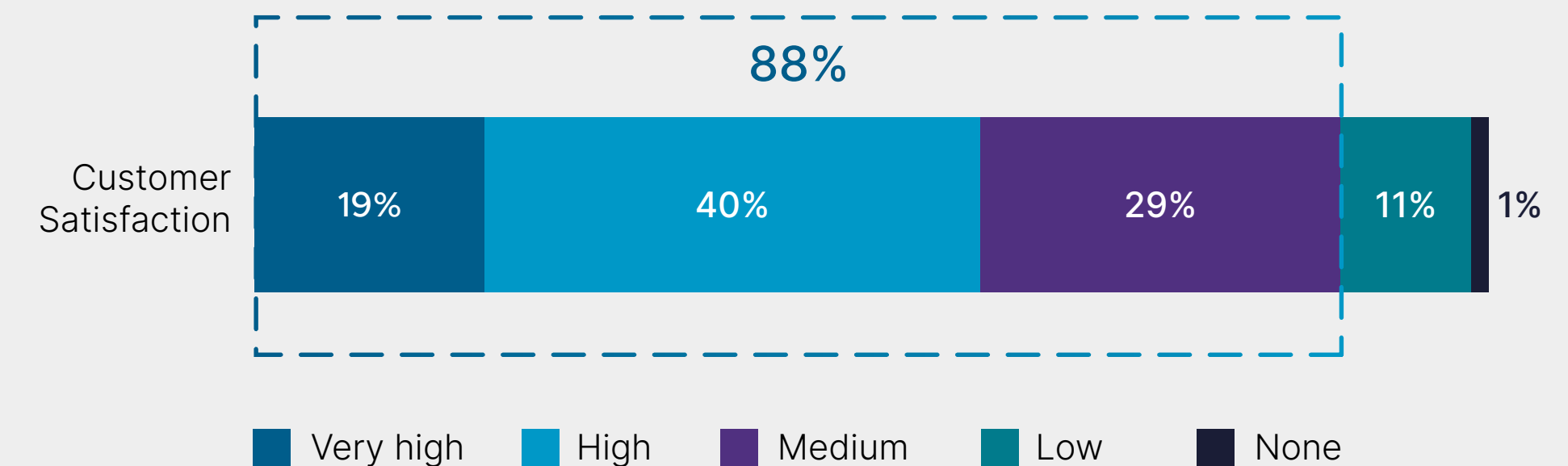
Modern automation platforms ensure that high-priority tasks receive the necessary focus. By deploying new Agentic AI Jobs, IT Operations can empower AI to perform dynamic work—such as complex error remediation and intelligent data routing—automatically maintaining service health before a customer is ever impacted.

A unified platform provides enhanced visibility and comprehensive reporting, promoting improved accountability and decision-making.

Applying an Intelligent Control Plane to strategic objectives leads to improved service delivery, better business outcomes, and greater top-line growth.

88% STATE BREACHING SLAS HAS A MEDIUM TO VERY HIGH IMPACT ON CUSTOMER SATISFACTION⁴

Please indicate the typical magnitude of the business impact for each of the following when a breach of an SLA occurs.



#6 Improve Compliance and Security

Compliance is not optional. It is critical.

Outdated or fragmented scheduling systems can put regulatory compliance at risk. Furthermore, organizations deploying autonomous AI agents face a critical barrier: Trust. How do you ensure an AI agent fixing a server issue operates securely and within compliance?

Replacing legacy schedulers with an Intelligent Control Plane addresses this by encapsulating AI decision-making within rigorous, audit-proof object definitions. With these platforms, you can:

- Establish robust security protocols and comprehensive audit trails, ensuring every automated decision—human or AI—is tracked and auditable.
- Enforce strict Role-Based Access Control (RBAC) and logging across all legacy, cloud, and modern DataOps workloads.
- Maintain enterprise AI sovereignty by avoiding closed, vendor-locked AI integrations, allowing the secure routing of sensitive workloads to self-hosted proprietary LLMs.

By investing in an advanced automation platform, your organization can safely execute operational work, exceed compliance standards, reduce risk, and strengthen operational integrity.

85%
said their risk and compliance
management team spends at least
30% of their time on repetitive
tasks—a prominent contributor to
stress and burnout.⁵

Advanced automation can...

Make automation a strategic differentiator.

Address modern business challenges.

Boost efficiency, productivity, and profits.

Support strategic corporate objectives.

Deliver enhanced customer experiences that fuel top-line growth.

Improve compliance and security.

The Bottom Line

Investing in an Intelligent Control Plane provides a solid foundation for a successful future.

Modernizing your automation capabilities enables you to build a future-ready platform that serves as the bridge between the stability of the private data center and the agility of modern development and AI tools.

Transitioning to a new platform is not just about addressing the limitations of legacy systems. It's about securely operationalizing new workloads without compromising rigorous governance. It's about improving overall productivity, unifying data pipelines, and achieving significant cost savings.

By adopting a state-of-the-art Intelligent Control Plane, senior executives can ensure that the organization is well-positioned to orchestrate the AI era and secure sustainable growth over the long term.

Find out more. **The Future of Automation**

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