

Dell Automation Studio: Automation Made Your Way

Accelerate time-to-service and simplify operations with AI-driven design, full-stack automation, and unified orchestration for your own self-service infrastructure outcomes.



Build

Design and deploy infrastructure and application outcomes through natural language prompting with our Blueprint AI Assistant



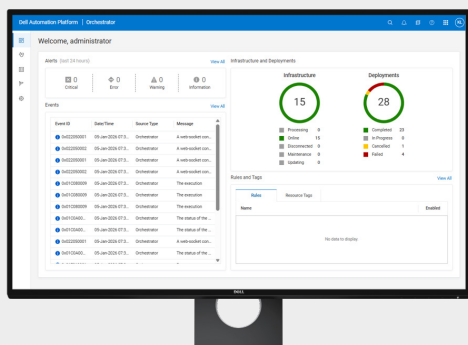
Integrate

Reuse existing infrastructure-as-code investments, establish CI/CD pipelines, and integrate with public cloud workflows



Standardize

Control, secure, and govern at scale across distributed environments with consistent deployment and operations



Today's IT organizations face a specific pressure to deliver public cloud-like speed and automation on-premises while managing increasingly complex multi-cloud, multi-site environments spanning private cloud, public cloud, edge, and AI workloads. As teams attempt to transform from siloed, ticket-driven operations into agile service delivery models, they are often hindered by not having the proper automation layer in place. This missing layer creates critical bottlenecks, especially as 82% of organizations now deploy to production weekly.¹ Furthermore, managing these large environments has caused a severe tool sprawl problem.

Productivity is stalling because 60% of organizations use more than five tools for software development, with 49% using more than five AI tools.¹ As a direct result of this tool sprawl, 75% of developers lose between 6 to 15 hours weekly, and 94% experience dissatisfaction with their self-service tools.² To overcome these operational hurdles, 97% of organizations are using or planning to use AI in the software development lifecycle, looking to leverage AI-driven workflows to simplify and consolidate software deployment and operations.¹

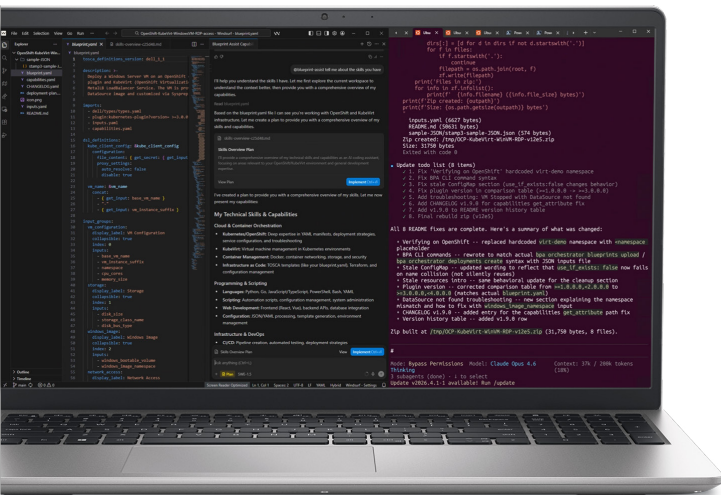
Introducing Dell Automation Studio

Dell Automation Studio is a CI/CD-native infrastructure orchestration toolkit delivered as part of the broader Dell Automation Platform ecosystem. It puts the platform's power in your hands, allowing you to define, deploy, operate, and standardize infrastructure and application solutions at scale through AI-assisted blueprint design, simplistic plug-in creation, and infrastructure-as-code (IaC) integration. Studio meets you where you operate, integrating directly into modern CI/CD toolchains, enabling infrastructure provisioning, configuration, and daily operations to become a seamless part of automated delivery workflows.

- **AI-Accelerated Deployment:** Rapidly generate automated workflows with our Blueprint AI Assistant, transforming manual provisioning into automated, repeatable pipelines
- **Reuse Investments:** Integrate existing infrastructure-as-code scripting from Terraform and Ansible
- **Standardize at Scale:** Control operations across multi-cloud, multi-site environments with composable automation, version control, and governance
- **Extend Validated Outcomes:** Build deeper automation on top of Dell Private Cloud or Dell Distributed Private Cloud with preferred tools, open source software, and custom Day-2 workflows

¹ GitLab. (2025). GitLab Survey Reveals the AI Paradox: Faster Coding Creates New Bottlenecks Requiring Platform Solutions. [GitLab Investor Relations](#).

² Port. (2025). State of Internal Developer Portals 2025. [Port IDP Report](#).



Blueprint AI Assistant

Through Automation Studio's Blueprint AI Assistant, organizations can construct custom automation workflows in a seamless integrated development environment. This accelerates the extension of our platform's validated outcomes for your own requirements and integrations. Additionally, mature organizations can create bespoke environments aligned to their architecture, governance, and operations. The assistant's agentic development approach simplifies complex environment modeling and streamlines creation, keeping everything versioned, repeatable and auditable. For organizations building internal platforms, Automation Studio becomes the engine behind self-service, allowing teams to build environments in natural language or through existing pipelines.

What's a Blueprint?

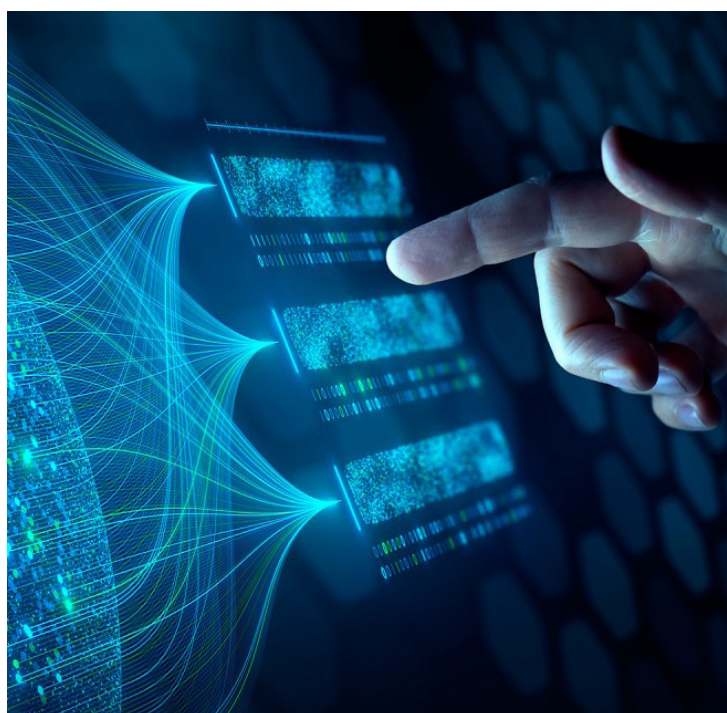
A blueprint, in relation to Dell Automation Studio, is a declarative, infrastructure-as-code specification file (YAML) that describes your application topology and details executables for automated actions

Full-Stack, Repeatable Orchestration for Automated Outcomes

Dell Automation Studio enables customers to orchestrate across the full-stack in a single unified approach, not just one layer of hardware. Amplify your Day-0, Day-1, and Day-2 operations across bare-metal, compute, storage, data protection, networking, VMs, containers, and more, all through a single orchestrator.

Extensible Plug-in Framework

In addition to blueprints, Automation Studio transforms Dell Automation Platform into the single operational hub for multi-cloud, multi-site operations through software-based, vendor-agnostic plug-ins. These plug-ins directly integrate with your familiar toolchains, public cloud platforms, and third-party systems. As a result, provisioning and lifecycle management become a core part of your CI/CD pipeline rather than a separate, disconnected step, alleviating tool sprawl and meeting your IT teams where they're at, with the technologies they already know and love.



Build on Top of Validated Outcomes

Dell Automation Studio enables organizations to develop a deeper level of automation and orchestration on top of Dell Automation Platform's validated outcomes, such as Dell Private Cloud and Dell Distributed Private Cloud. Automation Studio extends these environments for organizations looking to further enhance Day-2 operations, unify multicloud operations, and standardize application deployment.



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