

Building bridges and reaching out with automation

Achieving adoption momentum with Red Hat Ansible Automation Platform



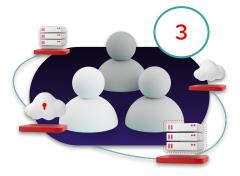
What we're going to explore today



Finding tactical wins with key use cases



Delivering value that can't be ignored



Seamlessly extending automation to other teams



1

Finding tactical wins with key use cases

There are many ways to deliver value with automation

Streamline processes, lower operational costs, and maximize other investments











Operating systems









Power Systems

Cloud







Virtualization











Application delivery













AIOps











IBM Turbonomic

splunk>



AlOps

Turn intelligence into trusted action at scale

- > **Self-healing infrastructure.** Deploy automation that responds to common alerts from your monitoring systems.
- > Ticket enrichment for support teams. Synchronize events and Al recommendations with ticketing and tracking.
- > Cost + resource optimization. Automatically discover and implement optimizations for nodes, clusters and projects attached to Al personas.
- > Automated configuration drift detection and correction. Continuously monitor system configurations against desired state baselines.
- **Policy enforcement and compliance.** Safeguard AI with policy enforcement before automation runs.

















Security automation

Bolster resilience

















- Improve compliance to security regulations through process automation and reduction of human error
- Tackle cybersecurity resourcing issues by automating across vendors and processes and reducing manual work
- Reduce risk through using a Platform backed by Red Hat and collections/content supported by Red Hat and security partners
- **Minimize response time** by offensive and defensive threat identification and automated remediation processes
- Keep credentials organized by streamlining the rotation and management of privileged access credentials across different tools



Network automation

Manage complex, multi vendor networks all the way to the edge

- Reduce unplanned downtime. Standardize network configuration and streamline critical incident management with automated remediation workflows.
- Maintain network security. Mitigate misconfiguration risks with robust RBAC
- > **Network policy-as-code.** Schedule compliance checks + remediation, and automatically enforce predefined policies.
- **Automate device lifecycles.** Automate the provisioning, configuration, operation, and retirement of virtual network devices.
- Foster collaboration. Enable seamless collaboration across IT/OT with a common toolset.



ARISTA







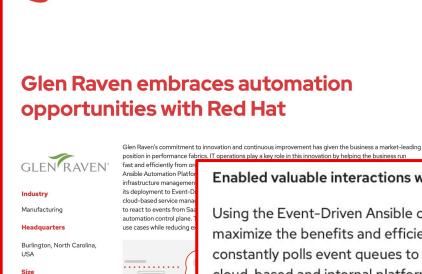




netbox labs



Customer story | Glen Raven



Red Hat

3,000+ employees
"With Red Hat Event-Driven

"We now have a strategy for any external system from which we want to drive automation, not just Jira...with Event-Driven Ansible, if we want to initiate automation from an event, we land on a message in a queue within a specific service bus instance."

Zac Durham
 Platform Engineering Director

Enabled valuable interactions with Jira and other cloud solutions

Using the Event-Driven Ansible component of Ansible Automation Platform has enabled Glen Raven to maximize the benefits and efficiencies gained from its Jira platform deployments. Event-Driven Ansible constantly polls event queues to identify new messages, acting as a connector and buffer between cloud-based and internal platforms.



2

Deliver value that can't be ignored

Well know the technical value that automation delivers

When IT organizations make automation mission-critical, they win



55%

Reduction in lead times

85 %

Reduction in error rates

100,000 events auto-healed per month



Fortune 50 FSI customer



190%

Improvement in server patching time



2000

Work days per year saved by IT team



Gắn bó dài lâu.



Reduction in system monitoring time

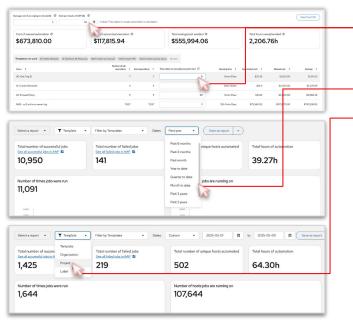


Reduction application performance errors



The next step is quantifying that impact!

Track the the value your automation efforts are delivering to the organization

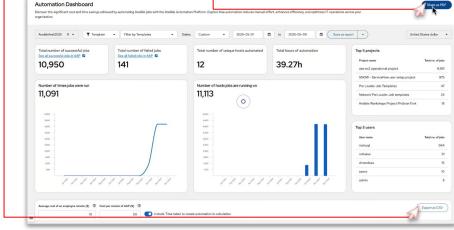


Customize the time taken to manually execute tasks, time taken to create the automation, avg cost of employee per minute, and cost of AAP per minute

Select the desired reporting time period

Filter by Template, Organization, Project, or Label

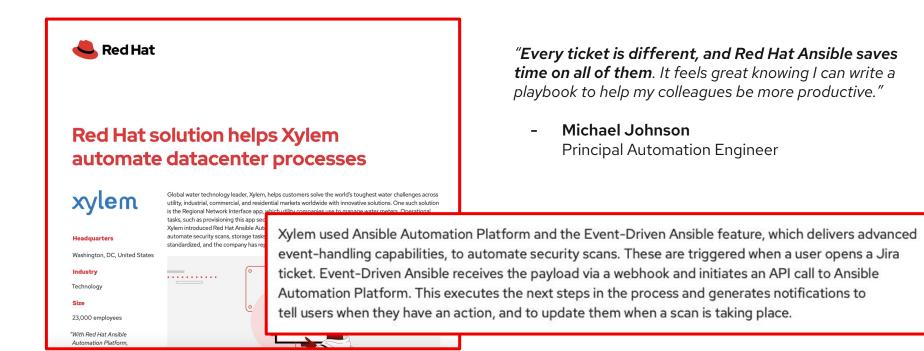
Easily export and share report via .pdf or .csv







Customer story | Xylem





3

Extend automation to other teams

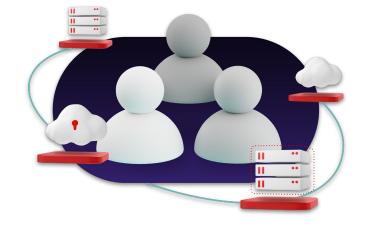
Getting to the next level requires a change in approach

According to a recent Gartner survey*,

Only 23% of organizations have successfully integrated automation efforts into their service delivery approaches.

But a previous Gartner survey** found that

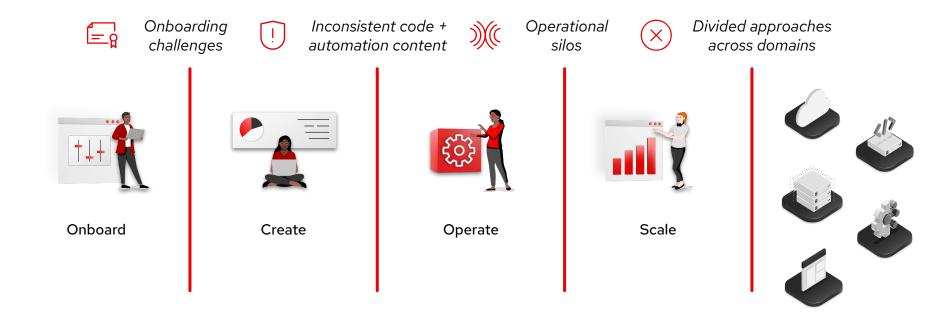
80% of executives think automation can be applied to any business decision





The reality is this: success at scale with automation is not a given

Structural challenges can hinder adoption and ROI



Growing automation for scale and impact

Unlocking the full potential of teams, tools, and processes



Center of Excellence

- Automation tools applied to key use cases
- Automation expertise applied by a select few
- Automation standards and policies established



Community of Practice

- Automation value established; use cases begin to multiply
- Automation expertise begins to scale across teams
- ✓ Automation delivers strategic impact



Center for Enablement

- Organization-wide culture of automation;
 "Automation first" mindset takes root
- End-to-end automated workflows across use cases and domains
- Automation becomes mission-critical to the business

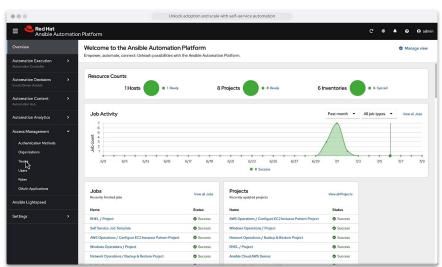
Building an "automation first" mindset | Self-service automation

Enabling a platform engineering approach to automation service delivery



Platform admin

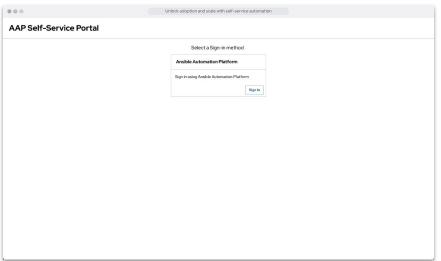
Defines automation use cases and sets RBAC parameters





Domain subject matter expert

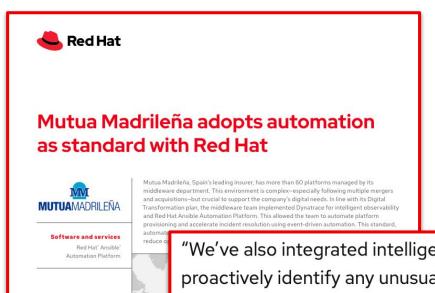
Views and runs automation relevant to their work with an easy-to-use self-service experience.







Customer story | Mutua Madrilena



"Choosing Red Hat Ansible Automation Platform was one of the **best decisions we've ever made**...Combining observability with self-healing has improved resolution times and reduced service downtime. **We saw a 50% reduction in service tickets.**"

- Marta Ceciliano
Head of Middleware, Automation, and
Observability

"We've also integrated intelligent observability from Dynatrace, which uses AI to proactively identify any unusual patterns in our environment before triggering Event-Driven Ansible to resolve the incident and enable application recovery,"

Headquarters Standardized automation procedures and repeatable



In conclusion...

- Don't try to boil the ocean. It's going to take some time - and that's ok!
- You'll get farther, faster, when you build shared value with other teams.
- Don't be shy about tracking your impact and reporting on success!
- Enabling EVERYONE to automate effectively is the key to lasting success!





Ready to do more with Red Hat Ansible?

This curated collection of over 31 <u>hands-on, interactive experiences</u> offers a hands-on exploration of key Red Hat Ansible capabilities, along with tips + insights for getting the most out of automation initiatives across your organization.



- > Getting started with Ansible
- > Al Automation
- Cloud Automation
- Hashi + AAP
- > AAP Feature Highlights
- OS Automation
- Network Automation
- Virtualization Automation





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