Red Hat

Achieving the mission:

State and local infrastructure and transportation

Improve safety and reduce costs through faster processes with Red Hat

Challenges

Aging infrastructure

Rising citizen expectations

Resource constraints

Faster project timelines

IT trends

Leading infrastructure and transportation agencies are using modern IT tools and processes to meet goals for safety, service, agility, and cost containment.

Application modernization
- Modernize applications with containers to speed up multistep processes.
- Decrease response time, improve user experience, and create greater stability.

Automated case managment
- Automate processes and bring together data from multiple back-end systems.
- Increase government efficiency and free up staff to work on exceptions.

Smart cities
- Improve safety, increase service levels, and extend asset life with Internet of Things (IoT) sensors.
- Implement smart cities programs with edge computing and 5G.

State and local government solutions
Avoid vendor lock-in with open source solutions

Red Hat Integration
Build a hub for better, lower-cost services with a comprehensive set of technologies to connect different departments' applications and data—no matter where hosted. Deploy on-premise or in a public cloud—and you can move workloads to another cloud at any time.

Red Hat OpenShift
Scale to accommodate more data and more transaction volume with applications that can be deployed on any cloud—and can be moved as needs change.
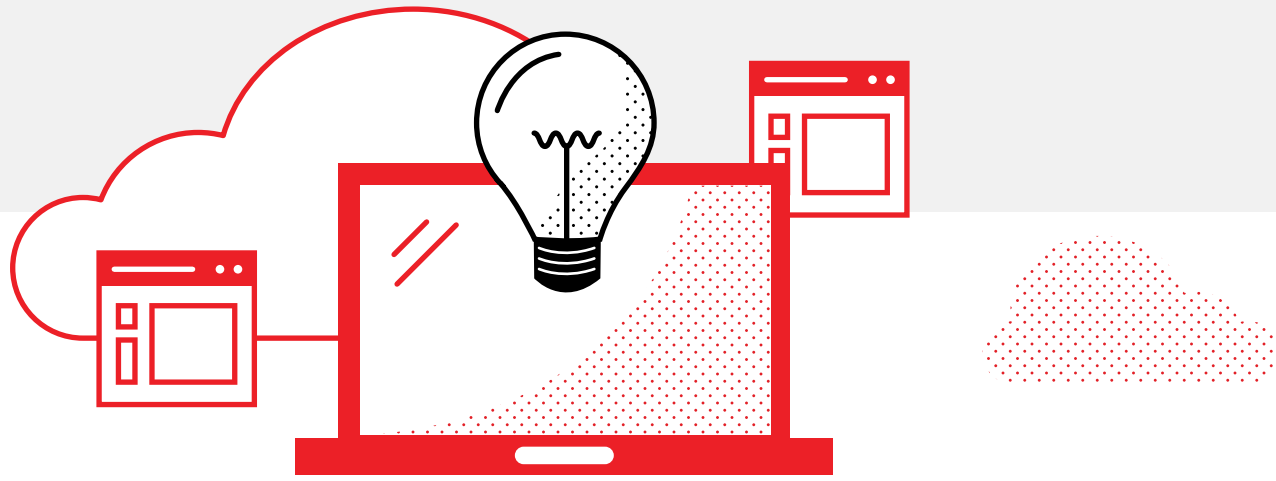
Red Hat Process Automation Manager
Provide the foundation for cloud-based application development and automate business decisions and processes.

Red Hat Ansible Automation Platform
Automate routine tasks to free up employees to focus on the activities that first attracted them to public service.

Red Hat in action
Customer story: State government transportation authority[1]

The transportation authority was in a governor-declared state of emergency due to an aging infrastructure that caused breakdowns and delays. Plans to increase inspection frequency were hampered by an archaic, paper-based system.
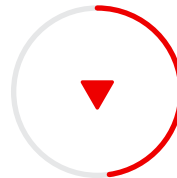
Red Hat built a modern, mobile solution for asset management. Inspectors traded in clipboards for tablets, and citizens downloaded a free app to see train and subway location in real time.

27% decrease in weekday major incidents.

24% increase in on-time performance within 2 years.

46% decrease in weekday train delays.

Reduced costs for hiring and training.

Improved safety with frequent inspections.

Faster mean time to repair (MTTR).

Learn more about public sector solutions from Red Hat: **redhat.com/gov**

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