

ACCELERATE DIGITAL TRANSFORMATION WITH RED HAT AND INTEL

SOLUTION BRIEF



87%

of IT leaders anticipate that their industries will be disrupted by digital trends to a great or moderate extent.¹

44%

of companies are adequately preparing for the changes, or disruptions, to come.¹

INTRODUCTION

Technology is part of everything we interact with. Unfortunately, while technology brings many innovative changes, it can also disrupt or destroy industries—for example, the disruption of transportation with the introduction of the automobile. This disruption is usually gradual, but established industry competitors rarely have the foresight to predict it. Industries must be aware of new business models and adapt quickly—or risk failure.

Fully transforming into an agile, responsive organization requires changing people, processes, and technology. To achieve this digital transformation, you need a modern IT infrastructure with unified management and automation to take advantage of cloud resources, meet demand for new and improved applications, and support new ways of working.

The following steps provide a path to achieving digital transformation in your organization.

PRACTICAL STEPS TO DIGITAL TRANSFORMATION

OPTIMIZE YOUR INFRASTRUCTURE

After years of investing in your legacy infrastructure, it might not be feasible to invest all of your resources into new technologies. Instead, many organizations first optimize existing resources to free up valuable resources. However, these decisions can affect your business for the next 5-10 years.

As a result, these decisions should help you establish:

- Interoperability between existing and future components.
- Application portability between environments.
- Scalable infrastructure that can grow as business needs evolve.
- Cost-effective architecture that frees financial resources to support innovation.

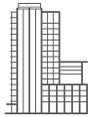
Red Hat and Intel can help you achieve these improvements as you optimize your resources. Red Hat® Enterprise Linux® and Red Hat management and automation tools, combined with scalable Intel Xeon processors, offer a modern infrastructure foundation for migrating your traditional applications to virtualized servers or containers.

INTEGRATE YOUR SYSTEMS AND PROCESSES

Many IT infrastructures are still a series of isolated systems, where data is duplicated, inconsistent, and difficult to access in real time. In addition, this infrastructure model requires slow, manual processes that cannot be easily changed or adapted to modern practices and tools. Red Hat and Intel offer solutions that can help you integrate IT systems and processes to:

- Create a better user experience.
- Design cloud-native and cloud-ready apps.

¹ "Aligning the Organization for Its Digital Future." 26 July 2016." MIT Sloan Management Review and Deloitte. <http://sloanreview.mit.edu/projects/aligning-for-digital-future>.



ABOUT RED HAT

Red Hat is the world's leading provider of open source software solutions, using a community-powered approach to provide reliable and high-performing cloud, Linux, middleware, storage, and virtualization technologies. Red Hat also offers award-winning support, training, and consulting services. As a connective hub in a global network of enterprises, partners, and open source communities, Red Hat helps create relevant, innovative technologies that liberate resources for growth and prepare customers for the future of IT.

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- Develop apps more efficiently with application programming interfaces (APIs) and microservices.
- Integrate Software-as-a-Service (SaaS) resources across environments.

ADOPT AND MANAGE AN OPEN HYBRID CLOUD

With traditional infrastructure, you may not develop or deliver services fast enough to keep pace with industry changes. An open hybrid cloud can bridge your existing IT systems, data, and applications with new cloud resources to help you develop and deploy at the pace of market innovation.

Red Hat and Intel offer software-defined infrastructure and industry-standard platforms that can help you improve your datacenter's agility and flexibility and deploy cloud-native environments, including:

- **Red Hat OpenStack® Platform**, a scalable open source cloud infrastructure solution that offers enterprise-grade security.
- **Red Hat CloudForms**, a hybrid cloud management solution with built-in Ansible automation.
- **Red Hat Storage**, open, software-defined storage solutions that help you quickly respond to increasing storage demands.

BUILD MODERN APPLICATIONS

Using the latest proven technologies to build your applications can help you take advantage of new revenue opportunities and stay competitive. Streamlining and optimizing development processes improves efficiency, freeing time to focus on building and releasing new applications and features.

Built with proven open source technologies, Red Hat OpenShift Container Platform running on Intel Xeon processors helps DevOps teams create and deploy apps quickly and consistently. OpenShift Container Platform natively integrates container technology—such as Docker and Kubernetes. Combined with Red Hat JBoss® Middleware, this platform provides modular cloud-native services, including developer tools, integration, business automation, and data management. As a result, you can develop apps faster and effectively use microservices to build distributed systems.

LEARN MORE

Find out how open technology from Red Hat can help you solve business challenges and achieve your IT vision at redhat.com/en/challenges.