Optimizing IT Resources Through Infrastructure, Processes, and People

Rocket Software surveyed 275 U.S. based IT directors and VPs in companies with 1,000+ employees, asking them about their current IT challenges and approach to modernizing IT infrastructure.

All businesses strive to be as optimized as possible, fine tuning strategies and processes to improve efficiency and cut costs. Optimization of IT resources — namely infrastructure, processes, and people — is crucial to fuel digital transformation and modernization.

**Infrastructure:** Organizations are using a hybrid cloud approach to optimize resources, investments, and costs. An astounding 93% of IT leaders said they believe their organization needs to embrace a hybrid infrastructure model that spans from mainframe to cloud.

- Transaction processing, banking, and financial applications: 48%
- Enterprise resource planning systems: 49%
- Batch processing and data analytics: 50%
- Customer relationship management systems: 52%
- Custom applications specific to industry: 54%
- Hybrid cloud, multi-cloud infrastructure: 54%
- Cloud-native, kubernetes, and microservices-based apps: 63%
- AI, big data, or machine learning workloads: 35%
- Software-as-a-Service: 24%
- Data management, storage, DR, backup: 17%
- API-first, serverless solutions: 11%

**Processes:** IT leaders are looking optimize workflows, reduce costs, and deliver better employee and customer experiences. Data and Content Management is a priority for 60% of IT leaders, DevOps is a priority for 58%, and automation is a priority for 57%.

- Increased efficiency: 71%
- Optimized resources: 67%
- Reduced risk: 63%

IT leaders spend needlessly amounts of time on manual data entry and analysis, which could be reclaimed through automation:

- 30% spend 6-10 hours per week
- 33% spend 11-15 hours per week

**People:** With the right tools, IT leaders can eliminate dependence on expensive, hard-to-find expertise. This also provides leadership with the insights needed to improve decision-making.

- Tools like DevOps and process automation help manage and mitigate risk — a critical focus for technology professionals.

IT leaders believe automation—which leads to optimization—can:

- Reduce human error in processes: 29%
- Repurpose (human) resources: 19%

No matter where you are in your modernization journey, Rocket Software has the right solutions and expertise to get you where you want to be. And if you’re not sure where to begin, talk to one of our modernization experts to help get you moving in the right direction.

Read the survey report
Talk to an expert