



# RackN

## Faster server deployments increases productivity for the infrastructure team of a global leader in gaming

4k

On-premises servers

5+

OS systems

83%

faster deployment

### Our Customer

Producing some of the world's most popular video games, our customer is a global leader in gaming with development studios located across the globe.

### The Challenge

Delivering reliable connectivity and seamless experiences to millions of gamers worldwide requires optimal server performance. But even the best infrastructure teams would be challenged to keep up with the rapid growth faced by the company's team. "We maintain more than 4,000 servers and a lot more are coming, and the number can double in a year," said the infrastructure team lead assistant.

The six-person infrastructure team is charged with managing over 4,000 global on-premises servers that run many different operating systems, including CentOS, VMware, Ubuntu, and Windows. They must perform all of the expected operational duties such as building custom workflows, completing decommissioning tasks and troubleshooting the systems.

As the gaming company continued its rapid growth, the lead assistant needed to find a way for his small team to keep pace. He saw three choices: manually spend hours maintaining servers, build yet another custom solution, or find a purpose-built platform.

More than anything, the team wanted a solution that would be easy to manage and deploy. They also needed the solution to be simple for end users and internal clients to use.

### Challenges

- Maintaining a growing server fleet with a lean staff
- Managing several versions of different operating systems
- Needed a way to validate servers added to the datacenter

### Solutions

- Digital Rebar automated the server inventory process
- RackN Digital Rebar automated server deployments for all OSs.
- Digital Rebar can deploy immutable images

### Results

- Configuration time went from 30 minutes to 5 minutes
- Increase productivity with faster server deployments
- The team is confident which server configuration has been deployed

## The Solution

The gaming company began managing their processes and servers with the RackN Digital Rebar platform in 2019. Digital Rebar is perfect for the team's server inventory process, automating their process to validate new physical equipment added to data centers. The team also uses the platform to deploy immutable images, ensuring consistent configurations.

Digital Rebar scales IaC automation with reusable workflows, which can be deployed on any platform, supporting the different operating systems used. "Digital Rebar is something that manages machine connections at its core, and you can build anything on top of that, which is very nice," says the infrastructure team lead assistant.

Digital Rebar has saved the infrastructure team time and has been invaluable and eliminating manual tasks. "With manual operations in our DCIM, each server would take about half an hour. We can do that in about five minutes, thanks to Digital Rebar automation," says the lead assistant. He asserts it would be quite a technical process to create a similar platform in-house.

The overall experience with the RackN team has been positive. He states they have always received quality and responsive support whenever they need help. "So it's not just the product, it's the team behind it. It's a great team. Whenever I need help, I get help," explains the lead assistant. The global leader in gaming has even helped to modify and improve Digital Rebar to provide compatibility with Rocky Linux,

highlighting a white glove approach to customer service.

## The Results

Digital Rebar has effectively streamlined server deployment in management for the gaming company's infrastructure team. Automation from Digital Rebar has reduced manual operations time by 83% while improving productivity and managing over 4,000 servers.

Their team believes the RackN Digital Rebar platform is an invaluable solution for any organization looking to improve and automate its workflows. It allows any company to turn work around reasonably quickly within a minimal amount of time while reaping the total value of automation in server management.

"Digital Rebar has support, it's properly managed, and the way reckon does business makes sense," the lead assistant states. "If you want painless migration out of legacy stuff like SCCM and Foreman, Digital Rebar is where to go."

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