

## Industry

- Technology
- Travel & Hospitality
- Airlines

## Challenges Resolved

- Delayed provisioning
- Underutilized hardware
- Administrative complexity
- Cluster sprawl

## Business Benefits

- Managed service experience
- Lower CAPEX
- Operational efficiency

400 Oracle RAC  
Databases  
Managed by a single  
Robin cluster

Travel & Hospitality  
technology leader  
creates  
self-service environ-  
ment for Oracle and  
Oracle RAC with  
ROBIN

## GLOBAL TECHNOLOGY COMPANY FOR TRAVEL INDUSTRY Business Challenges

Millions of consumers interact everyday with hundreds of systems powered by this pioneering technology leader in the Travel & Hospitality industry. With a full range of travel products and services, this technology company powers mobile apps, online travel sites, airline and hotel reservation networks, travel agent terminals, airport check-in kiosks, aircraft and crew scheduling systems, and multitudes of other solutions. As a result, their IT landscape is fairly complex, where hundreds of applications need to interact with each other in real-time.

The company processes and stores billions of events daily through hundreds of applications. Their pain-points:

- Enormous hardware costs to run the applications
- Extremely complex and procedural delays to provision
- Use of dedicated virtual machines for each application stack, Oracle RAC instances, and expensive SAN arrays to meet strict SLAs and data protection requirements
- Resulting hardware underutilization, cluster sprawl and unsustainable storage growth
- Excessive capital spend

As a technology pioneer, this company was drawn towards containerization as a light-weight, zero-performance-impact alternative to traditional virtualization for database applications.

## ROBIN Hyper-Converged Kubernetes Platform

ROBIN is the only purpose-built Kubernetes based solution with the entire application lifecycle management embedded natively into the compute, storage, and network infrastructure stack for any application anywhere (on premises and on public cloud).

As the first implementation of hyper-converged Kubernetes, ROBIN extends Kubernetes for big data, databases, and AI/ML by integrating built-in storage and network for 1-click application lifecycle operations such as deploy, snapshot, clone, scale, patch, upgrade, and migrate for DevOps and IT teams.

With QoS guaranty that maximizes application performance and helps deliver predictable user experience, ROBIN is the ONLY product in the industry that can consolidate even most demanding enterprise applications - such as databases and Big Data clusters - without compromising performance or predictability. This customer leveraged Robin's container-based virtual cluster technology to:

- Consolidate mission critical 400 Oracle RAC database deployments that are now managed by a single Robin cluster.
- Provide self-service database provisioning to eliminate provisioning delays and create an agile DevOps model.
- Manage application lifecycle to accelerate tasks such as creating snapshots and clones, providing cloned applications to dev/test teams, migrating, patching and upgrading applications.

## BENEFITS

ROBIN provides faster time-to-market with a managed service experience with an App-store like experience and 1-click operations for all application lifecycle tasks. The technology company leveraged ROBIN to create a managed service experience for their developers. The database-as-a-service environment eliminated the need for the developers to create IT tickets for database provisioning and hardware allocation. The DevOps teams were empowered with the ability to create and manage Oracle RAC database instances, reducing provisioning time from weeks to minutes and lifecycle management tasks from hours to minutes.

### Lower hardware cost through consolidation

With ROBIN, this technology leader was able to run multiple Oracle RAC instances on the same infrastructure, while guaranteeing performance isolation. This helped maintain the strict SLAs and uptime requirements while reducing hardware cost.

### Operational Efficiency and Agility

The ability to deploy, scale, snapshot, clone, and migrate using simple 1-click operations made their DevOps more efficient. DevOps teams were able to scale-up or scale-out database applications as soon as the need arose, eliminating the necessity of overprovisioning for peak loads. ROBIN also enabled 1-click application snapshots and cloning making it simple to preserve and share the application state.

