# Kmart

How Kmart has transformed their business with AWS

Kmart Australia Limited is an Australian chain of retail department stores owned by the Kmart Group division of Wesfarmers. The company operates 323 stores across Australia and New Zealand.

Since 2016, Kmart has embarked on a cloud transformation involving mainframe applications, ecommerce applications, and more.

→ Over 85 business applications migrated
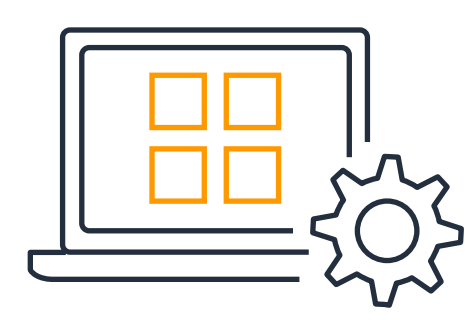
| **>30** | mainframe applications |
| **55** | on-premises applications* |

" Migrating to AWS Managed Services has transformed the way our teams work. We've achieved significant cost savings, freed up our application teams from operational processes, and directed our focus towards more strategic initiatives."
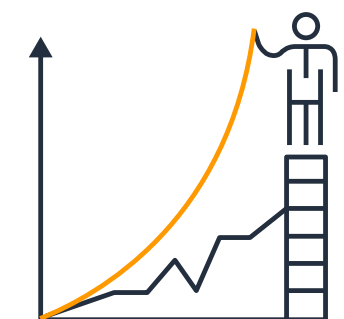
Suresh Adiga
Head of Engineering Platforms,
Kmart Australia

* as part of the Migration to Cloud (M2C) project

Kmart Australia achieved business value across FIVE pillars of the AWS Cloud Value Framework:

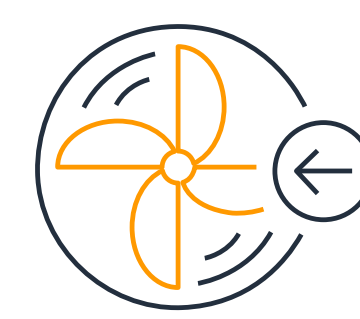| **Cost savings**	**Staff productivity**	**Operational resilience**	**Business agility**	**Sustainability**
Reduction or elimination of infrastructure costs	More efficiency on a task-by-task basis, by function	Improved SLAs and fewer unplanned outages	Faster deployment of new features and applications, with fewer errors	Reduced carbon footprint
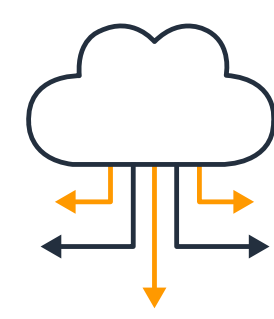
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Cost savings

By migrating to AWS and reducing its hardware footprint, Kmart has saved over $1 million in annual infrastructure, licensing, and other cloud system costs.

"Previously, we didn't have any visibility into costs. Using AWS, we can clearly see why something costs so much and how we can improve it. All those questions can be answered now because we have the cost analysis available at a team or individual level." – Technical lead for international supply chain, Kmart Australia

$750,000
Infrastructure costs

>$250,000
Licensing and other annual cloud costs

Over **$1 million** in savings
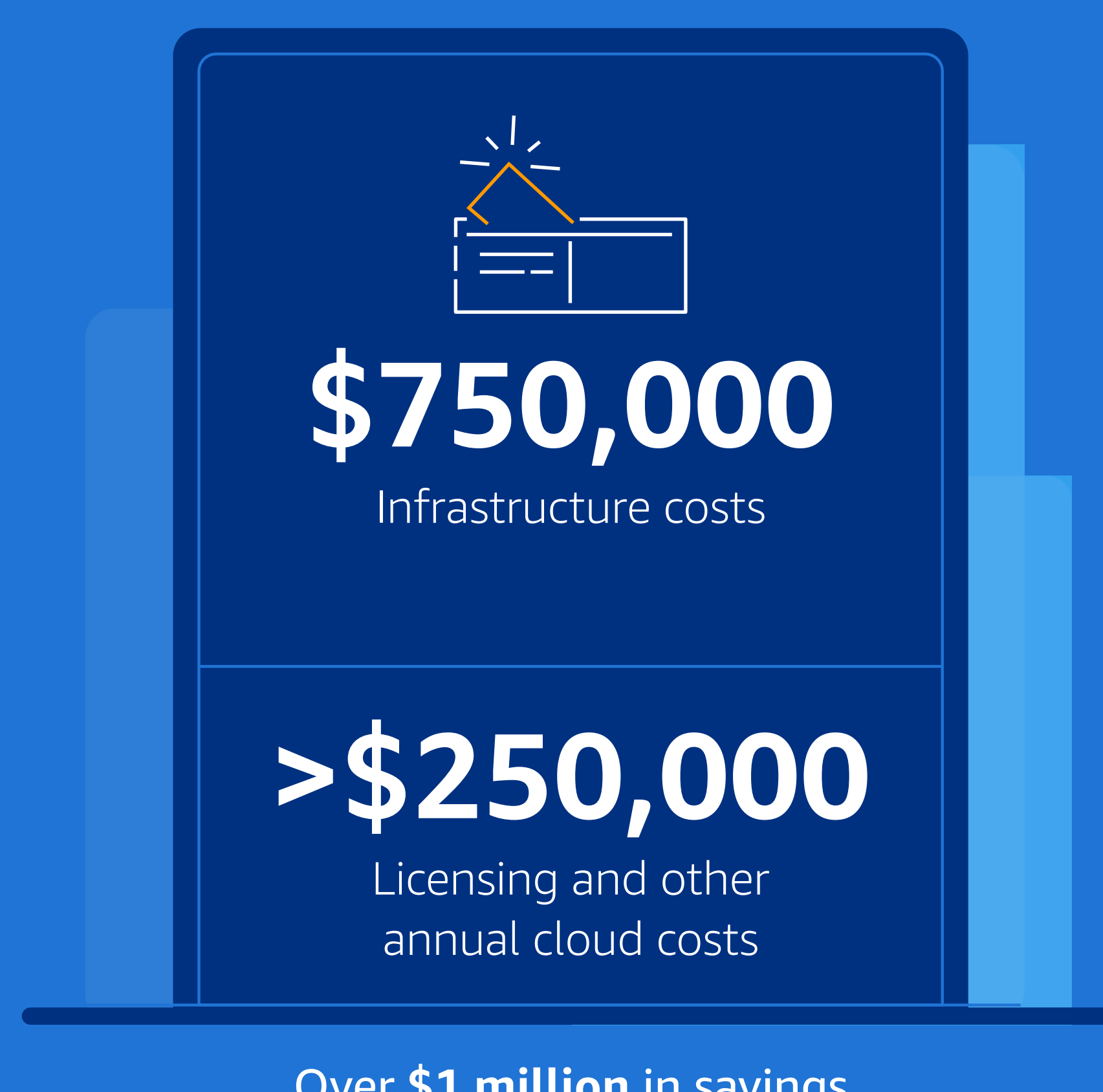
Staff productivity

The company's merchandise application team has become more agile, enjoying an increased focus on application and business logic rather than infrastructure management.

"The fact that we have access to AWS tools means we can experiment. Previously, we were very limited in terms of developing and testing new applications and features. With AWS, we can turn something on and then easily shut it down if it isn't working. AWS helps us ensure we're functioning to the best of our ability." – Engineering Manager for Inventory, Kmart Australia

28,500 work hours saved in 2022.

Thanks to automations and workflows on AWS


Operational Resilience

The company's teams can now set up easy monitoring and alert processes, have greater visibility into owners and access, and have improved application performance. These new capabilities work together to help mitigate risk for Kmart, supporting continued business growth.

"Resilience is native to the AWS platform. AWS invests in resilience for all its customers, including us." – Head of Site and Network Services, Kmart Australia

40% improved OMS application performance

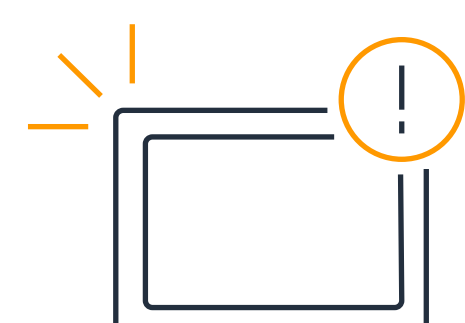**20%** improved Kmart Online front-end application performance

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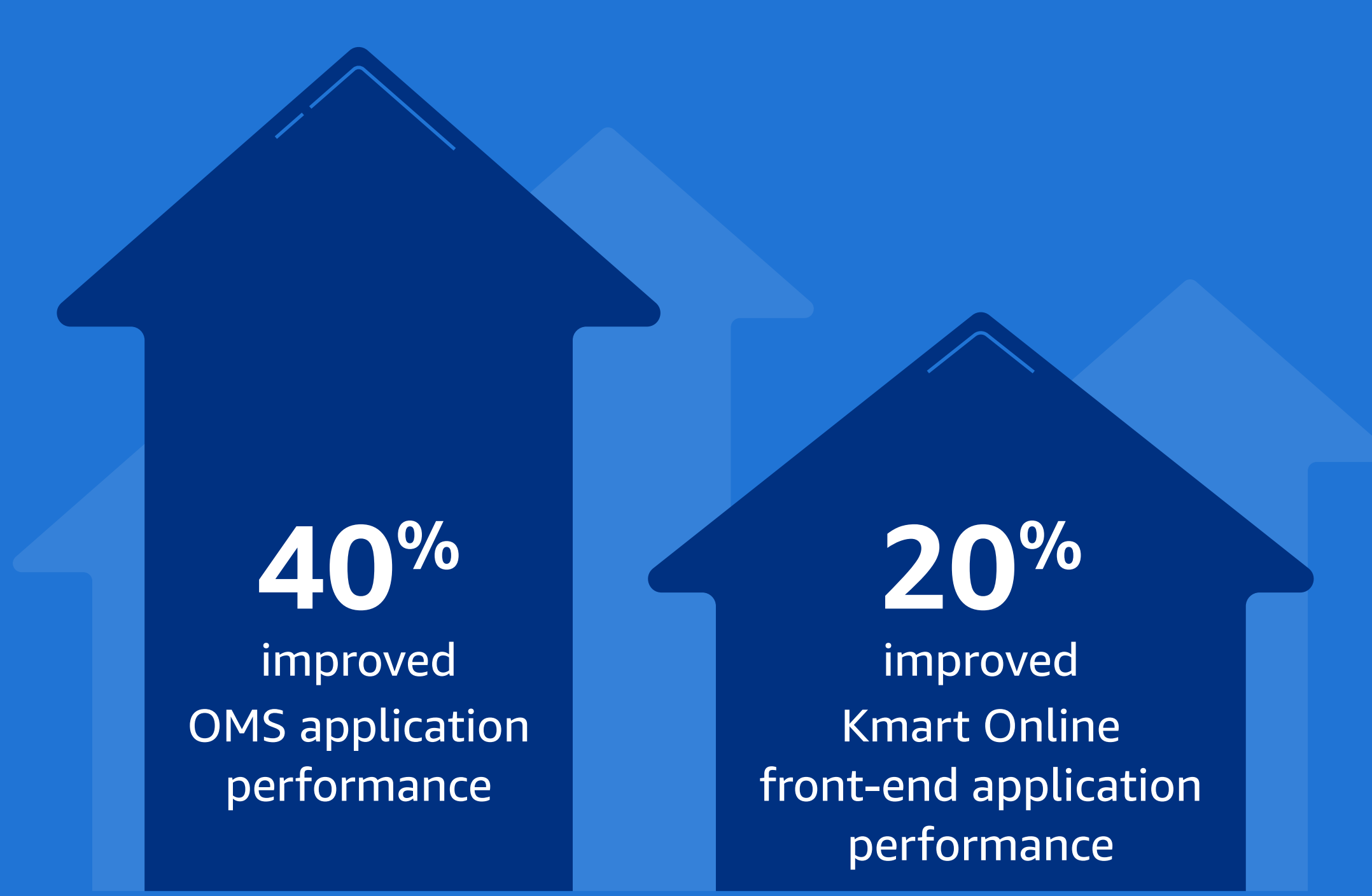
Business Agility

Kmart Online's engineering team has reduced its release cycle for new features and enhancements from once a week to five times daily, and the team can now receive real-time notification of store sales, down from 30 minutes previously.
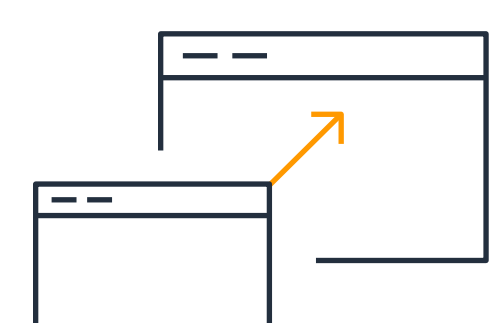
1 day
to resize applications, instead of 5–7 days

5 times a day
Releases new features faster instead of once a week

Real-time notifications
Receives real-time notifications of store sales instead of every 30 minutes

" We can control when and where to resize the environment to improve system performance."

Manish Goel
Delivery manager of IT Finance

"Everything is automated now, so rolling out new features is a non-event." – Engineering Manager, Kmart Digital.

"As we move forward on AWS, we'll see significant architectural benefits, which opens up the possibility of getting data to more than 30 applications in near real-time." – Technical Lead, Kmart Australia.

Sustainability

Kmart has reduced energy usage and its overall carbon footprint by migrating applications from its physical servers to AWS and shutting off unused infrastructure at the end of each day.

136
physical servers eliminated, which is estimated to reduce carbon footprint by 72%
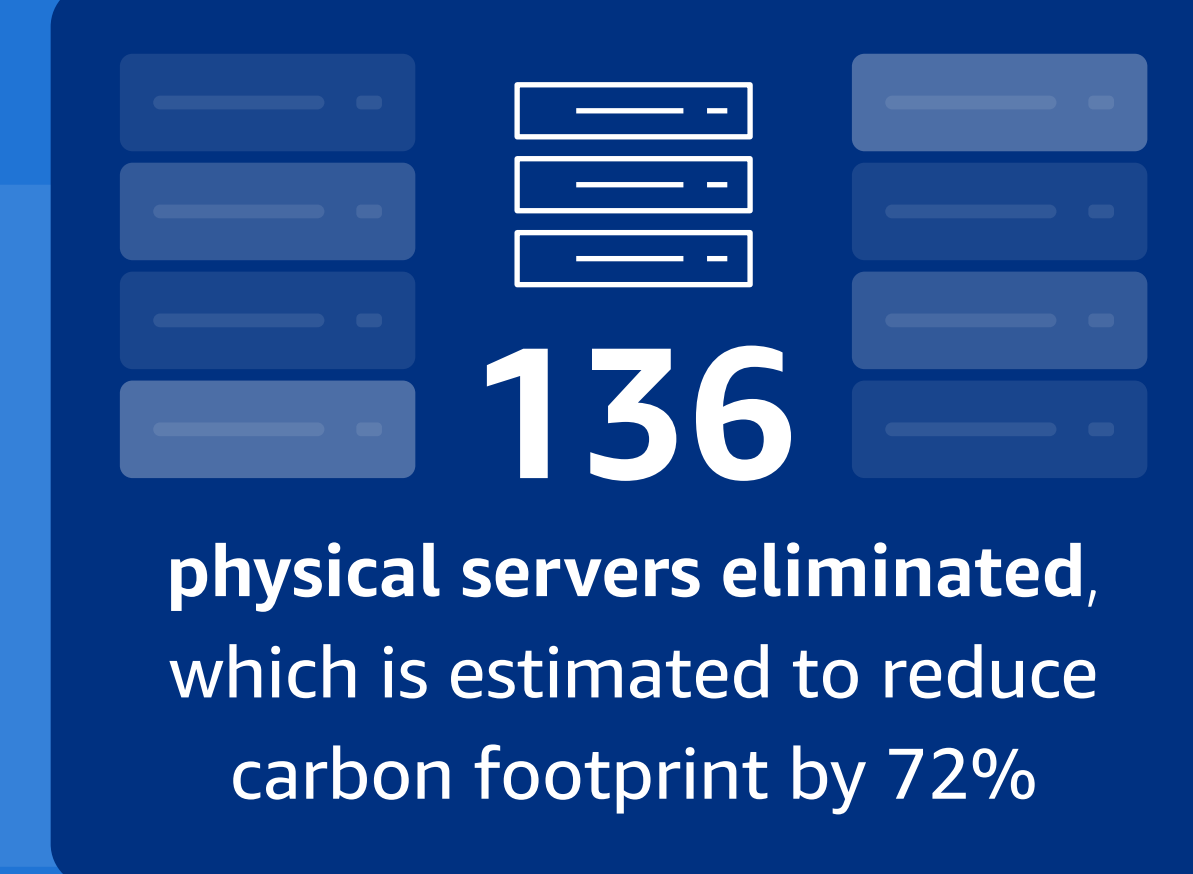
Elevate your business from the core

Lead your business transformation on the AWS Cloud

" To better support our long-term strategic initiatives, Kmart has been transforming our systems and processes and uplifting our people over the past few years, with AWS playing a big part of that transformation.

Our cloud migration and modernization have brought value across the business. We can now move more quickly, enhance security and resilience, and reduce costs along the way. As we continue to integrate AWS into our transformation, we're excited to discover new areas of value."

Brad Blyth
Chief Information Officer,
Kmart Group Australia

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