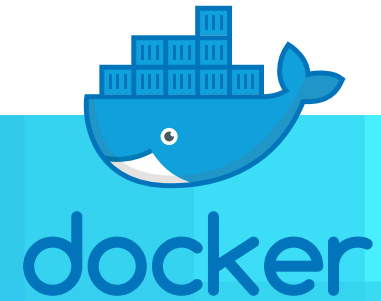


Business Innovation Success Stories

Docker Enterprise Edition customers share how they have unlocked innovation to accelerate digital transformation using the Docker enterprise container platform.



The Digital Transformation Journey Starts with Docker

Freedom of Choice. Integrated Security. Agile Operations.

Across industries, IT organizations are turning to Docker Enterprise Edition (EE), the only enterprise-ready container platform that enables IT leaders to choose how to cost-effectively build and manage their entire application portfolio at their own pace, without fear of architecture and infrastructure lock-in.

The Docker container platform enables organizations to accelerate digital and multi-cloud initiatives by automating the delivery of legacy and modern applications using an agile operating model with integrated security.

Docker EE includes services, support, and training, giving organizations a complete containerization strategy for supporting an ever-changing business environment.

Ready to begin or accelerate your digital transformation journey? Read on to learn how others have overcome technical challenges to deliver value back to the business and drive business innovation.

Insurance



Transportation



Software



Financial Services



Higher Education



Cornell University

MetLife Transforms Application Delivery and the Customer Experience



MetLife is a 150-year-old company that offers auto, home, dental, life, disability, vision, and health insurance to over 100 million customers across 50 countries. Data is a big part of their business, and when they reached the point where they were wrestling with more than 400 systems of record and applications that are 30-plus years old, change needed to be made.

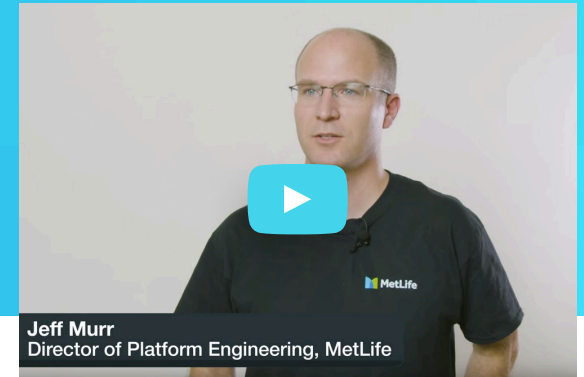
GOALS

- ✓ The ability to innovate and push applications out quickly to respond to changing market needs
- ✓ Build business case for innovation by reducing the total cost of operating existing applications and infrastructure

MAKING LEGACY APPLICATIONS NIMBLE AND PORTABLE

Docker Enterprise Edition (EE) helped MetLife transform their operations and leverage cost savings from modernizing legacy applications and infrastructure to fuel innovation and deliver value back to the business.

Transformation enabled MetLife to wrap containerized microservices around legacy applications and data, and deliver a modern web and mobile experience to customers and agents.



"Docker Enterprise Edition creates a self-funding model to fuel change and innovation at scale."

- Jeff Murr, Director of Platform Engineering, MetLife

OUTCOMES

- ✓ Improved utilization with **up to 70% consolidation of their VMs**
- ✓ **Ability to scale quickly** by leveraging Microsoft Azure to handle the **25x increase** in traffic during annual open enrollment periods
- ✓ **Automation through orchestration** allowing them to **easily scale up** a service or address with VM/hardware failures
- ✓ **66% total cost savings** from infrastructure and operational efficiency gains through the **creation of a repeatable, self-funded model** for containerizing and managing Windows or Linux applications

Finnish Railways Modernizes Key Transportation Applications



Finnish Railways provides 82 million passenger train rides and transports 36 million tons of goods per year. The company is comprised of multiple divisions, and each one has its own IT team with its own contractors and vendors. This led to application sprawl, high operating costs, long deployment times, and poor performance of critical business applications including the reservation system and a legacy commuter service application. Modernization was mandatory.

FINNISH RAILWAYS, DOCKER, AND ACCENTURE: BETTER, TOGETHER

Finnish Railways partnered with Accenture, who has deep experience modernizing applications with Docker, to design a new common application platform for both for new microservices applications and for migrating existing applications based on Docker Enterprise Edition (EE).

The team rewrote the old reservation system and the legacy commuter service application using microservices, and also migrated from their legacy platforms to Docker EE.

Now Finnish Railways uses only Docker EE for all types of applications — from non-production development workloads to legacy applications and new microservices.

Visit docker.com/customers for more insights from Docker Enterprise Edition customers.



"What we've accomplished this year (with the Docker platform) is a lot in a really tight timeframe. Time-to-market is remarkably better now. What used to take hours or days is now done in minutes."

— Markus Niskanen, Integration Manager, VR Group

GOALS

- ✓ Modernize critical business applications running on legacy systems
- ✓ Create a consistent applications delivery pipeline to reduce costs and improve visibility into all applications
- ✓ Achieve a better utilization of IT budget

OUTCOMES

- ✓ **50% IT cost savings** since migrating to Docker EE
- ✓ Improved **visibility into all applications** with centralized logging and monitoring
- ✓ A **consistent applications delivery pipeline** that can be leveraged across all applications and all of Finnish Railways' vendors

Splunk Scales Operational Intelligence



Splunk has more than 14,000 customers in 110 countries, and is on a mission to make machine data accessible, usable, and valuable to everyone. As Splunk has grown, so has their customers' use of their software. As a result, testing requirements for Splunk have increased in size and scope, putting more pressure on the existing data center capacity and the manual infrastructure reservation system.

GOAL

- ✓ Adopt DevOps practices and integrate the CI/CD pipeline in order to keep pace with testing and ensure quality

BUILDING A BETTER DEVELOPMENT PLATFORM

Splunk had already seen success using Docker for performance testing, and as a result wanted to build a unified test and CI platform with Docker Enterprise Edition as the foundation.

They chose to leverage Docker EE as the foundation for their CI/CD and test infrastructure for its support for both Linux and Windows environments. With Docker EE, they were able to leverage the existing infrastructure footprint, integrate, and automate with Jenkins and onboard more teams, faster.

Visit docker.com/customers for more insights from Docker Enterprise Edition customers.



"Most important for choosing a container solution was having support from your vendor who is able to prioritize the features that are important to our business."

– Mike Dickey, Sr. Director of IT, Splunk

OUTCOMES

- ✓ **Easily scale** Docker EE platform to support ~400 developers deploying **20,000 containers per day**
- ✓ New tests **deployed in minutes rather than days**
- ✓ Average CPU utilization **increased to 75%**
- ✓ Dramatically **improved build and deployment times** on their test infrastructure

Alm. Brand Streamlines Operations by Stabilizing Legacy Applications

**Alm
Brand**

Founded in 1792, Alm. Brand is a Danish insurance and banking company headquartered in Copenhagen, Denmark.

The company's legacy WebLogic applications were creating big problems. Whenever an application crashed, it compromised the entire cluster, making it hard to determine which application caused the problem thus impacting their ability to remediate issues. Additionally, the slow and brittle cluster only allowed the team to deploy one application at a time.

GOAL

- ✓ Modernize existing Weblogic applications to improve configuration management, ease maintenance, and improve reliability

MAKING THE MOVE TO DOCKER EE

Alm. Brand migrated 39 WebLogic applications to isolated containers on a standardized configuration, transitioning traffic gradually from existing clusters to new Docker EE platform.



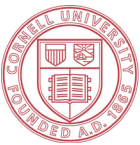
"Docker EE has reduced the number of support tickets on our legacy WebLogic applications by 71%. By containerizing these applications, troubleshooting is easier and rebooting is much faster."

– Sune Keller, IT Architect, Alm. Brand

OUTCOMES

- ✓ **Reduced VM** configurations by **more than 50%**
- ✓ **Eased maintenance and troubleshooting**, and **reduced service interruptions** by isolating applications from one another
- ✓ **Centralized logging and metrics collection** by running all applications on the same Docker EE environment

Cornell University Aligns 14 Colleges on 1 Cloud Strategy



Cornell University

Cornell University, an Ivy League school in Ithaca, NY, introduced a campus-wide initiative to move to the cloud over a 5-year period. Because the University is comprised of 14 colleges with separate developer teams — but only one small centralized ops team — close collaboration would be key to cloud migration success.

GOAL

- ✓ A platform to support the diverse variety of projects in place across the different colleges across multiple environments

CONNECTING COLLEGES IN THE CLOUD

Cornell IT deployed Docker EE for a centralized container platform as a service to the various departments and research groups within the university.

How Cornell Uses Docker Datacenter To Simplify Production Deployments



8/23/16 at 10:00am PST

Chris Hines
Product Marketing Manager
Chris@hines@docker.com

Shawn Bower
Cloud Architect at Cornell University

"Cornell is decentralized. Docker's become that common language we can talk. Now folks are using Docker and it's much easier to collaborate on projects and ideas because we're not getting hung up on specific language or idiosyncrasies."

— Shawn Bower, Cloud Architect, Cornell University

OUTCOMES

- ✓ Increased collaboration across campus, dev teams working together, sharing images
- ✓ **10x decrease in time spent** maintaining applications
- ✓ Instead of a 10-page setup, new devs are **up and running in one day**
- ✓ **1000+ containers running 32 containerized applications** that range from traditional monolithic (backend financial systems) to new cloud-native (research) applications

Docker Enterprise Edition (EE)

Docker EE is a Containers-as-a-Service platform for IT that manages and secures diverse applications across disparate infrastructure, both on premises and in the cloud.

Docker EE fuels innovation by bringing traditional applications and microservices built on Windows, Linux, or Linux-on-mainframe into a single, secure software supply chain.

With Docker, organizations can modernize applications, infrastructure, and operational models by bringing forward existing IT investments while integrating new technology at the rate of business.

To learn more about the Docker Enterprise Edition, visit docker.com/enterprise.

