

# BlueIT

## Accelerating digital transformation and reducing environmental impact

### Business Need:

- Helping their clients implement an IT strategy that not only assures performance but also supports their sustainability goals
- and puts them on a path to reducing carbon emissions
- Shift from traditional ITOps to AIOps

### Solution:

- There were 3 main areas of focus: ITIL Services, Cognitive Services and Business Services. Their services include but are not limited to multicloud management, application performance management, continuous vulnerability and compliance monitoring as well as application resource management.
- Due to the heterogeneity of their clients' environments, it is critical for the team to have the tools they need to onboard each new client efficiently and continuously. Turbonomic provides AI-powered application resource management, while Instana provides infrastructure monitoring and observability.

### Outcomes:

- Executes resourcing decisions **60% faster**
- For one client, BlueIT achieved **10% reduction** in memory and CPU over-allocation
- Reduced MTTR 50%** across the organization





# Carhartt

## Delivering a cloud-first strategy using IBM Turbonomic

### Business Need:

- Expand from its original blue-collar roots to a brand tailored for younger consumers
- Better handle increased demand for their products

### Solution:

- The IBM Turbonomic software identified opportunities for improvement, including adjusting Java Heap sizes, powering off low-use systems, adjusting VM hardware for best performance, and consolidating VMs for performance as well as efficiency.
- By integrating Turbonomic's resourcing actions into the company's ServiceNow workflows, Carhartt is beginning to automate VM resizing as well.

### Outcomes:

- 15% improvement in resource utilization
- Carhartt also improved the efficiency of its cloud environment by 45% while assuring workload performance





# IBM Hursley

Driving innovation while minimizing environmental impact

## Business Need:

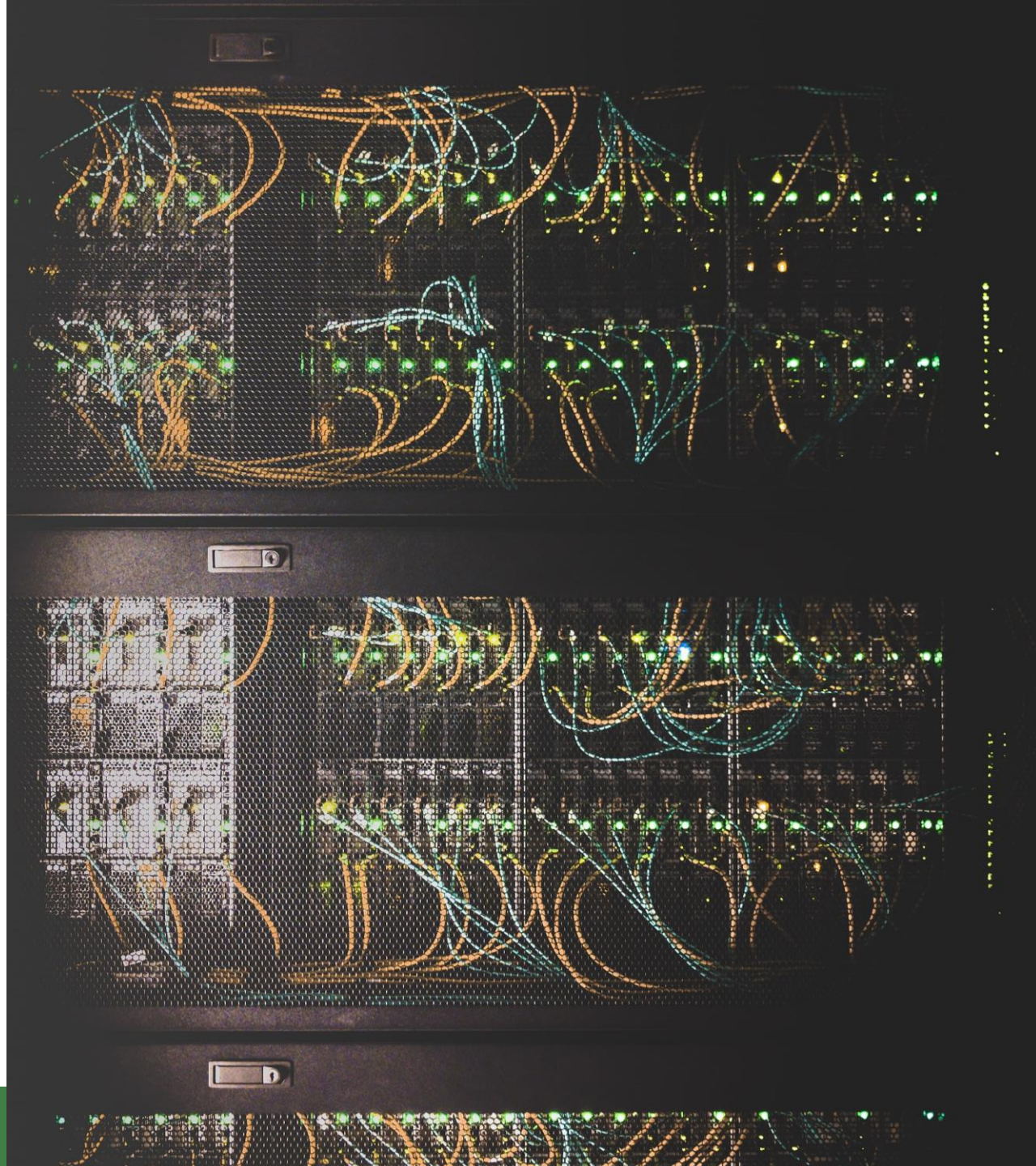
- Achieve IBM's goal of reaching net zero greenhouse gas emissions by 2030

## Solution:

- With Turbonomic, the IBM Hursley team can quickly identify interdependencies of the logical environment throughout the physical data center and reallocate resources to assure performance.
- Deploying Turbonomic at this level of the stack provided much deeper visibility of those workloads and helped the team quickly resolve performance issues.
- Because Turbonomic helps the team identify opportunities to rebalance resources across the IBM Hursley data center, the team is now better equipped to maximize their utilization of their existing infrastructure without sacrificing performance.

## Outcomes:

- Optimized 6,000 virtual systems with the help of Turbonomic
- Those who rely on IBM Hursley's data center include 11,000 developers





# Rabobank

## Using full-stack visibility and AI-powered automation to manage its hybrid environment

### Business Need:

- Optimize the performance of 20,000 existing virtual machines (VMs) while maintaining the capacity to innovate later.
- Resource allocation was a problem beyond human scale

### Solution:

- By collecting data from Rabobank's entire stack (application, infrastructure and network), the IBM Turbonomic ARM solution helps Rabobank correlate data from various siloes into a single common data model. It helped drive efficiency and consistency when it comes to capacity planning.
- Since Turbonomic proved so successful at consolidating workloads onto fewer machines without affecting performance, the team implemented software license ring fencing using Turbonomic which proved financially beneficial again without harming performance.

### Outcomes:

- With ARM technology, Rabobank assures the performance of 20,000 VMs
- By implementing IBM Turbonomic's full-stack visibility, Rabobank achieved a 15–23% hardware reduction.