

# QUINTIQ GOES FROM MONITORING AND ALERTING TO AUTONOMIC PERFORMANCE WITH TURBONOMIC



Improved Application Performance



Increased Team Productivity



Control Over Expanding Virtual Environment



## SITUATION

An industry leader in supply chain planning and optimization, Quintiq was founded in 1997 with the goal of solving complex supply chain planning problems for its customers. Quintiq has since grown from a group of five programmers to having more than 700 employees in offices across the world. More than 12,000 users in over 80 countries rely on its software each day.

Bart van Es, Technical Services Specialist at Quintiq, is an experienced IT professional, with more than 25 years of experience in the industry. Van Es oversees Quintiq's central data center, located in the Netherlands, servicing the company's global operations. Consisting primarily of Dell blade chassis, van Es leverages VMware vSphere® ESX™ 5.5 across his more than 80% virtualized environment, supporting over 3,500 virtual machines (VMs) worldwide.

As Quintiq continued to grow and expand its global presence, the company experienced huge growth in virtualization to meet the needs of both employees and customers. While planning for such growth and implementing changes within the data center, van Es found it difficult to accurately predict the impact any move or hardware addition would have on the overall system.

"We weren't able to be proactive," said van Es. "The only thing we had in place to manage the environment was a simple monitoring tool which sent out alerts once things were already broken." With limited human resources, the team was in need of something that could empower them to meet issues within their environment head on, preventing problems rather than merely reacting to them.

"The biggest difference was that Turbonomic could actually do something besides just monitoring and alerting."

– Bart van Es, Technical Services Specialist

## COMPANY

Quintiq  
www.quintiq.com

## CHALLENGES

- *Inability to guarantee performance of mission-critical applications in complex virtual environment with existing tools*
- *Inconsistent Quality of Service (QoS) and disruption of virtualized workloads*
- *Inefficient use of virtual and human resources*
- *Inability to prepare for growth*

## TURBONOMIC SOLUTION

- *Turbonomic intelligently and automatically senses changes to application demand and adjusts infrastructure supply in real-time to improve utilization and ensure service*

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After installing and testing the product, the team at Quintiq found it to be the exact solution they were looking for. Turbonomic is now deployed across Quintiq's entire virtual environment, monitoring and managing activity throughout all regions including Australia, Malaysia, the Netherlands and the United States. Van Es' five-person team is no longer in maintenance mode, they are now able to both control and monitor Quintiq's virtual environment while proactively making improvements as Turbonomic provides actionable recommendations.

**“FROM THE BEGINNING, CUSTOMER SUPPORT WAS VERY HELPFUL AND PLEASANT, THAT’S A HUGE VALUE ADDED.”**

From the first interaction to present day, van Es and his team at Quintiq have had a quality experience with the Turbonomic team. “The way we’ve been contacted and worked with, you get the feeling they are as dedicated to improving our environment as we are,” said van Es. “That good feeling didn’t stop after the sales process, the whole team has been incredibly helpful.”

## WHAT’S NEXT: CAPACITY PLANNING

With data centers in the Netherlands and the United States, Quintiq plans on opening one in both Australia and Malaysia to expand their presence in the Asia-Pacific region. “We plan on having Turbonomic running across all data centers,” said van Es. “And as we continue to grow, the capacity planning tool will surely be one of the most useful aspects of the platform.”

## RESULTS

- *Autonomic platform drives real time performance across a diverse environment*
- *Rapid realization of value after deploying Turbonomic*
- *Proactively planning for global data center growth*
- *Eliminated configuration and capacity planning guesswork*

“Turbonomic is smarter than anything we’ve used before. It sees problems coming and acts accordingly. We no longer have to waste time fighting fires in our virtual environment.”

**Bart van Es**  
**Technical Services Specialist**  
**Quintiq**

## ABOUT TURBONOMIC

Turbonomic delivers an autonomic platform where virtual and cloud environments self-manage in real-time to assure application performance. Turbonomic's patented decision engine dynamically analyzes application demand and allocates shared resources to maintain a continuous state of application health.

Launched in 2010, Turbonomic is one of the fastest growing technology companies in the virtualization and cloud space. Turbonomic's autonomic platform is trusted by thousands of enterprises to accelerate their adoption of virtual, cloud, and container deployments for all mission critical applications.