

GN RESOUND ASSURES PERFORMANCE AND IMPROVES HOST UTILIZATION WITH TURBONOMIC



Improved Application Performance



Increased Resource Utilization



Avoided \$30k in Unnecessary Hardware



SITUATION

GN ReSound is an international designer, developer and producer of progressive and prominent hearing aids and accessories. Founded in 1943 and headquartered in Ballerup, Denmark, GN ReSound employs 4,075 people and has divisions in more than 20 countries and partners in 60 more.

With 17 years of IT experience, Manager of Infrastructure Development at GN ReSound, Søren Steenslev, joined the company in 2013. Leveraging VMware vSphere® ESXi™, Søren's environment is approximately 70-75% virtualized and runs nearly 700 virtual machines servicing 4,000 end-users across the globe.

As the company continue to expand its services, Søren's team began experiencing inconsistent performance of their virtual workloads, for which they could not seem to pinpoint a cause. The degradation led to issues across multiple systems, from the VMware environment to their SAN, causing a total standstill. "Things would be running smoothly most of the month, then when we hit month-end all systems would suddenly stop functioning," said Søren, "The demand on our system skyrocketed but we were virtually blind to the root of the performance problems with no idea of what was causing the degradation."

"Turbonomic provided us with what we needed. It goes beyond monitoring, preventing problems and assuring system performance."

– Søren Steenslev, Manager, Infrastructure Development

During the search for a solution, Søren found that Turbonomic stood apart from other tools they were reviewing. After installation, Turbonomic began providing actionable recommendations to bring Søren's environment into a state of perpetual health. The team automated those actions to keep it there.

COMPANY

GN ReSound
www.resound.edu

CHALLENGES

- *Inability to guarantee performance of mission-critical applications in rapidly expanding virtual environment with existing tools*
- *Inconsistent Quality of Service (QoS) and disruption of virtualized workloads*
- *Unable to fully understand cause and effect of performance problems*

TURBONOMIC SOLUTION

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

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The team “almost instantly” saw the benefits of the control platform. “We were planning an order for more infrastructure but after deploying Turbonomic, we found our system to be overprovisioned,” said Søren, “In fact, Turbonomic recommended that we turn off two hosts. I’d say that single recommendation saved us more than \$30,000.” Søren’s team is now able to utilize the extra hosts for both existing and future projects.

Since deploying and automating Turbonomic, Søren has seen noticeable improvements in the performance of GN ReSound’s supply chain management system, the company’s most critical applications. “We no longer hear complaints from end-users at the end of every month,” said Søren, “We aren’t spending time we would have needed to fix the issues.”

RESULTS

- *Autonomic platform drives real time performance across a diverse environment*
- *Maximized utilization of data center infrastructure*
- *Reduced number of user-generated tickets and complaints*
- *Reduced time spent monitoring and manually resolving issues*
- *Avoided \$30,000 in unnecessary hardware costs*

“Turbonomic took us to a different level. We don’t just sit and monitor our system all day. Turbonomic controls everything, preventing problems and takes an entirely different approach.”

- Søren Steenslev , Manager, Infrastructure Development, GN ReSound

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.