

Rotork (plc) Drives Business Growth Through IT Infrastructure Overhaul.

Rotork is a market leading valve actuator manufacturer and flow control company operating across many different industries including: oil & gas, power, marine, mining, food and pharmaceutical industries. Sustained growth driven by multiple acquisitions triggered Rotork's need to ensure its IT infrastructure could support ongoing expansion.



The Challenge

Rotork's growth, driven both organically and by its acquisition strategy, was hindered by many contributing factors. Firstly, its existing hardware was unfit for purpose, and secondly, its IT infrastructure had reached its limit in terms of scalability. These combined challenges meant that further business growth and expansion was restricted as it was no longer able to expand alongside the business.

Additionally, Rotork's business critical data was scattered around numerous data centres and its tape-based recovery system took many hours to back up and could also no longer keep up with the rapid pace of the growing business. As a result, Rotork's existing data centre solution was becoming inefficient and draining valuable capital.

With multiple legacy systems in place, and a burgeoning need to overhaul its infrastructure quickly in order to continue its growth trajectory, Rotork needed to deploy a solution that could integrate seamlessly with its existing environment and be deployed within a matter of weeks - all within budget.



Quick Overview

Following rapid growth, Rotork was faced with an IT infrastructure characterised by disparate data scattered across numerous data centres, and a recovery system unable to keep up with the demands of the expanding business.

Insight designed and implemented a solution that allowed Rotork to grow and scale its business. Insight consolidated the data sources to deliver a converged platform, as well as modernising the recovery system to futureproof the business.

"Insight's expertise in both our business operations and the wider industry has provided us with services and solutions that have helped us overcome IT challenges. It was this background that led us to turn to Insight when looking to revitalise our IT infrastructure."

James Blannin, Rotork Global IT Manager



The Solution

Insight was selected to implement the project due to its expertise in IT transformation. In addition, its vendor-agnostic approach ensured the team would recommend and deliver a solution that would best meet Rotork's needs.

Insight made a detailed assessment of Rotork's existing IT infrastructure, taking into account the legacy systems that were in place. Once completed, Insight was able to create a solution that combined the best technologies from multiple vendors, such as Cisco, VMware and NetApp. This ensured it was addressing all of Rotork's challenges including; consolidating all of its data and providing a more robust back-up system.

Having designed the solution, Insight then implemented the project in two phases. Within the first phase, Insight deployed a new converged infrastructure platform, based on FlexPod architecture. FlexPod was selected as it would be able to deliver the operational flexibility Rotork needed, as well as provide the level of inter-operability required to seamlessly integrate with existing systems. The second phase involved Insight deploying a VMware-based disaster recovery solution that automated Rotork's back-up and fall-back requirements, giving it far greater business agility.

Insight delivered both phases within a two month timeframe, limiting downtime during implementations to ensure that Rotork was able to reap the benefits of the overhaul as swiftly as possible.



James Blannin, Rotork Global IT Manager said, "Having worked with Insight previously I was entirely confident that the team would design a solution that would bring together the best technologies, alleviating the pressures that were being placed on our IT systems. Not only did the Insight team provide us with a solution that was tailored to our specific needs and objectives, they also worked within the constraints that we placed upon them to deliver on time and in budget."



The Benefits

Following the implementation of the two-phase IT overhaul, Rotork now has a standardised infrastructure that is far easier to manage. The ease of management and improved performance of the systems is driving business productivity for Rotork. Alongside this, the converged solution increased the availability of its key business data to employees, allowing them to work more efficiently and meet customer demands without delays.

The refit of the backup systems allowed Rotork's disaster recovery system to work in unison with the rest of the business and provide the 24/7 support that was required. It ultimately reduced back-up times from hours down to mere minutes.

"Insight has helped ensure that our IT continues to support the growth of our business."

James Blannin, Rotork Global IT Manager

The Results Highlights



Deployed a disaster recovery solution that automated back-up and fall-back requirements, giving far greater business agility.



Reduced back-up times from hours down to mere minutes.



Ability to scale storage requirements for their clients instantly.



Improved system performance enhances overall business productivity.

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