

## CASE STUDY

# The Challenge: Staying Agile in a Digital World



Metito is a leading global player in intelligent water-management solutions. Its business encompasses the sourcing of specialty chemicals and the design and building of state-of-the-art utilities. For 60 years, Metito has rolled out several projects that enhance public health and enable economic growth, from simple clean-water projects to desalination and industrial solutions that include hyper-pure water. Metito also serves the alternative-energy sector, providing development and management solutions for organizations that want to use emission-free energy.

## Business Transformation

Metito relies on Pure Storage® technology to improve the performance of its business-critical applications, provide cost predictability, and simplify management. The Pure implementation has resulted in significant improvements in employee productivity, decision making, and user experience.

## Challenges

- Session time-outs on business-critical applications hampered efficiency
- Extremely slow backups and limited upgrade options complicated storage management

## Solution Benefits

- 3:1 data reduction
- 30% faster application performance throughput
- Full-stack visibility
- Ability to proactively manage storage performance and upgrades

# METITO

### Country

United Arab Emirates

### Industry

Manufacturing

### Company Name

Metito

[www.metito.com](http://www.metito.com)

### Use Cases

- Microsoft® SQL Server
- Infor ERP, Microsoft Office 365
- VMware® vSphere®

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**PRASHANT MENON**, MANAGER OF  
IT INFRASTRUCTURE AND SUPPORT  
SERVICES, METITO

An established major player in public-works partnerships across the Middle East, Metito serves around 1,000 users. The company looked to its IT infrastructure for ways to stay current in a region that is rapidly digitizing processes and facilities. Based in Dubai’s National Industries Park, Metito’s data center feeds all satellite offices and runs a private cloud that hosts ERP, email, reporting, file servers, and telephony solutions.

“We operate in the water-treatment space across 3,000 projects in 46 countries,” says Prashant Menon, Metito’s manager of IT infrastructure and support services. “Technology is central to our capacity to keep delivering excellence in health and safety, and remain on the leading edge of the industry.”

Metito’s back-end server and network infrastructure provided excellent performance until data capacity reached a certain point, after which his team battled severe bottlenecks in storage. “Any network or server outage can be resolved with no lasting impact,” he adds. “But storage is critical – the weakest link in the data center. When it fails, you are likely left with a lasting impact.”

### The Solution: Modern Storage

Metito’s legacy storage infrastructure had become a drag on performance, management, and the larger technology stack. To keep costs manageable, the IT team procured a mix of 7K- and 15K-rpm hard-disk drives. But performance bottlenecks persisted as time passed and Metito added more critical applications. The company realized that it needed to address its storage systems to accommodate recent and future growth.

“To cite just one example, storage constraints impacted the performance of our ERP system,” explains Menon. “This was keenly felt by our finance and procurement departments. There were a lot of session timeouts, which meant users had to log out and back in, and re-input all their data. This severely impacted productivity, not to mention caused immense frustration for our users.”

Beyond wasted time and a less-than-optimal user experience, Metito faced slow backups and limited upgrade options. These factors cemented the company’s decision to replace its storage infrastructure. A six-month procurement process centered around identifying a solution to deliver performance, predictability, and manageability. Metito looked at many solutions before settling on Pure Storage FlashArray™.

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“With Pure, we’re getting the best product with the best technology at a predictable cost of ownership,” he explains. “All the other vendors we considered offered legacy-storage technologies with flash added on but didn’t have the required software component to manage it. With [Pure 1® \[Pure’s cloud-based storage management solution\]](#), we can now easily view all key performance metrics from a single dashboard. And as a consequence, move from a reactive management model to a proactive one.”

Metito deployed the FlashArray solution at its primary data center as part of a converged infrastructure. According to Menon, the organization’s legacy storage has been made redundant. Implementation took less than an hour and data migration took around one week to complete.

“On switching to Pure Storage, we saw immediate improvements with data reduction of 3:1 and a 30% improvement in application performance throughput. We have also managed to reduce time for backup of critical data, from two to three with the legacy infrastructure, down to just 10 to 12 hours with Pure,” Menon notes. “A lot of the session timeouts have simply disappeared. And with performance improvement across applications, we have increased productivity and delivered a much happier end-user experience.”

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