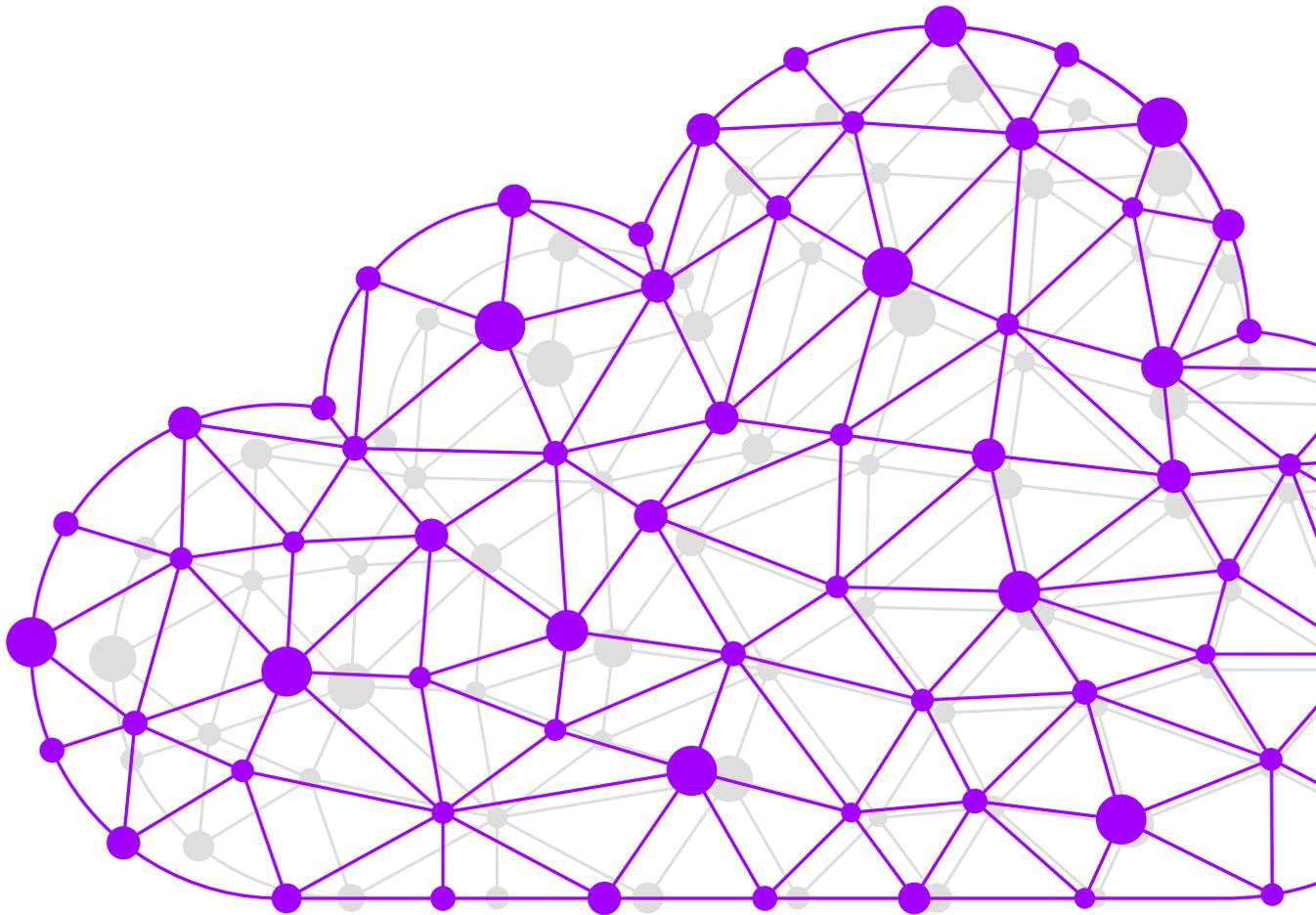


MX.3 on Amazon Web Services (AWS)



Keeping pace with evolving market conditions

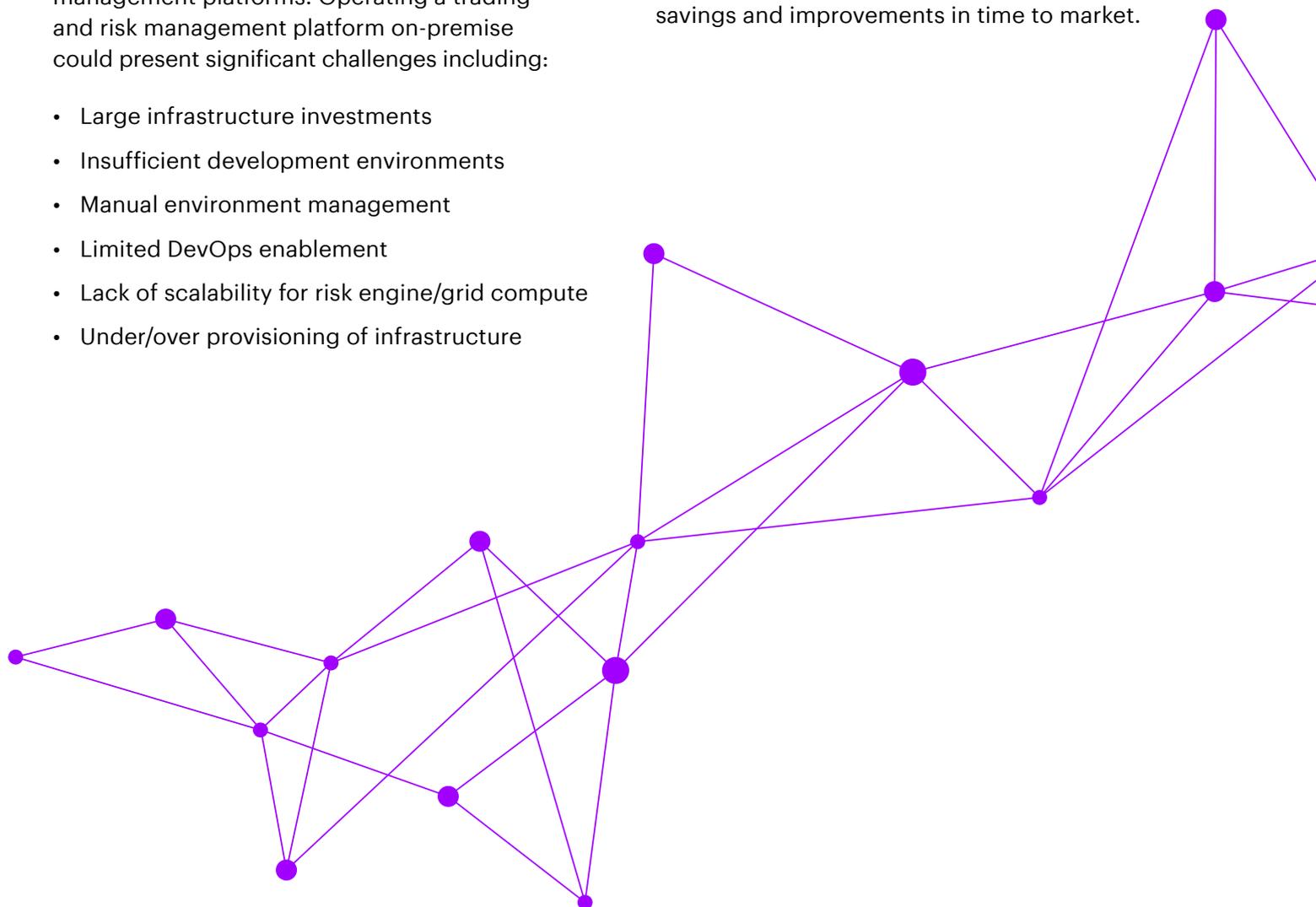
Financial institutions are feeling the pressure to get the greatest possible return on their capital investment dollars. This is one of the reasons why many are investing in new technologies and ways of working often aimed at leaving behind complex, siloed infrastructure that's not fit for purpose. Many firms are therefore turning to digital transformation as a key element in their investment strategy.

One area this applies to is trading and risk management platforms. Operating a trading and risk management platform on-premise could present significant challenges including:

- Large infrastructure investments
- Insufficient development environments
- Manual environment management
- Limited DevOps enablement
- Lack of scalability for risk engine/grid compute
- Under/over provisioning of infrastructure

Most firms are already using trading and risk management platforms that are well integrated into their workflows and culture. But many organizations are now seeking to take advantage of the latest cloud capabilities. One such example is Murex's MX.3, a flexible and powerful capital markets platform.

MX.3 has supported cloud for some time, including the ability to run on leading cloud provider, Amazon Web Services (AWS). By migrating MX.3 to AWS, clients could overcome these challenges and achieve significant operational benefits, such as cost savings and improvements in time to market.



Completing the AWS 'well-architected' framework for MX.3

Accenture has fulfilled a rigorous process to achieve AWS' 'well-architected' approval for MX.3 on AWS. This process was grounded in AWS's stringent requirements to satisfy multiple criteria across the five pillars of:

- 1 Security
- 2 Reliability
- 3 Operational Excellence
- 4 Performance Efficiency
- 5 Cost Optimization

As an AWS partner whose Murex framework has achieved 'well-architected' status, Accenture is able to provide clients with a deployment blueprint for cloud implementation that ranges from planning to migration to effective operation.

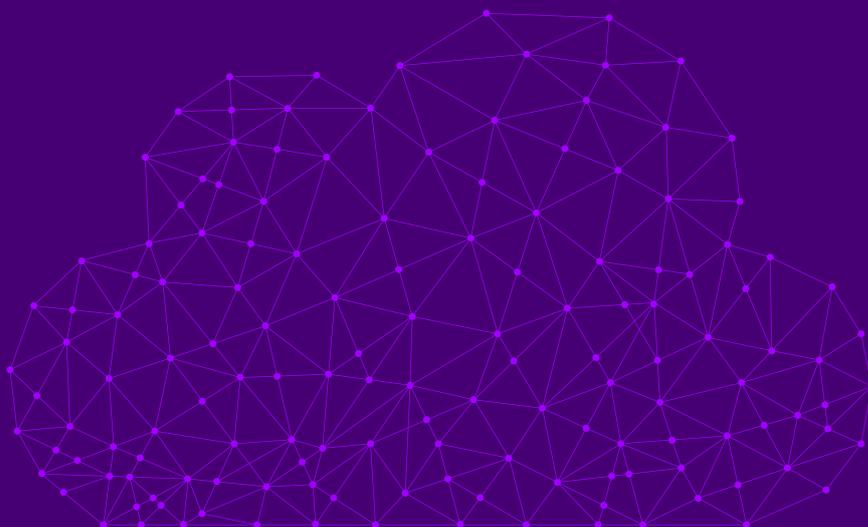
MX.3 Environment Provisioning on AWS

One significant advantage of running MX.3 on AWS is the potential to easily provision optimized development environments.

DevOps teams can face a number of challenges with their on-premise development environments, including:

- A high demand for a limited number of environments
- Wait times to gain access that can extend to weeks
- The need to purchase hardware as a workaround to protracted wait times
- Insufficient infrastructure for space and memory needs
- Untested content that leads to performance failures
- Long deployment times for new code versions or database dumps
- Cost of operating these always-on environments

Accenture has created a developer tool—the Accenture Environment Management Dashboard—that can help overcome all of these challenges and that leverages the AWS-approved Murex deployment blueprint.



Accenture Environment Management Dashboard

The Accenture Environment Management Dashboard is an end-to-end MX.3 environment management system in a self-service portal. Developers simply input their requirements in a user-friendly form to automatically spin up new, fully functional Murex environments, typically in around 30 minutes.

The tool acts as a single point of access for managing multiple MX.3 environments, and supports infrastructure provisioning, data import and MX.3 application deployment.

It also includes cloud infrastructure cost tracking and budgeting functionality, with alerts and budget checks before an environment is created.

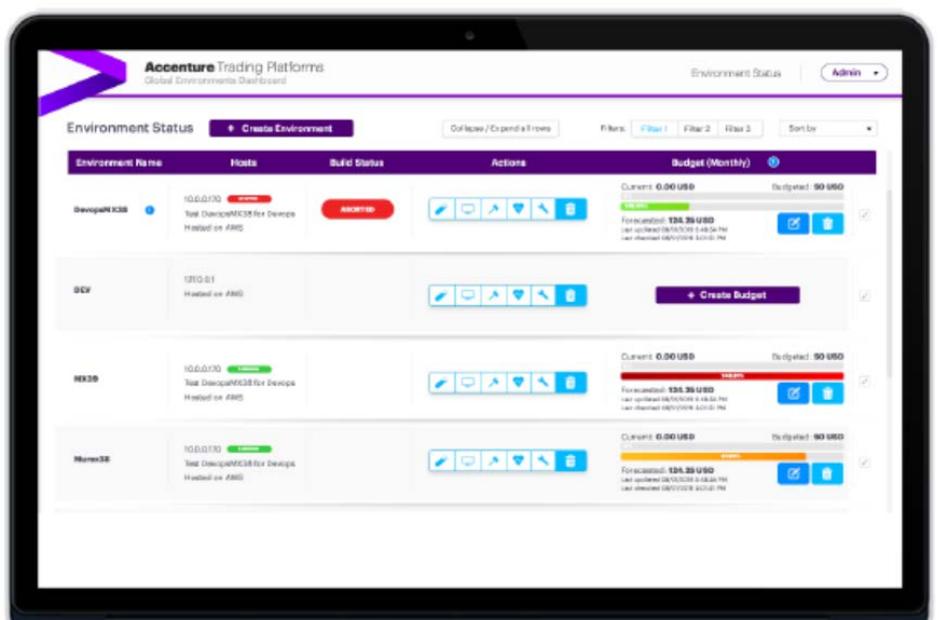
The Accenture Environment Management Dashboard fully integrates with other required Murex tools to enhance the trading platform's functionality, including regression testing, configuration management and monitoring systems.

Features

- Quick and easy builds of MX.3 environments
- Intuitive interface providing a simplification layer that combines key aspects of the cloud platform, the build system and DevOps tools all in one view
- Easy T-shirt sizing of infrastructure according to different environment needs
- Cost tracking by environment, team or project
- One-click destroy of obsolete environments

Benefits

- Significantly reduced build times
- Accelerated time-to-production
- Oversight of the entire Murex-on-AWS ecosystem, from both a technical and a cost perspective
- Reduced costs for development, test and deployment
- Ability to make better budgeting decisions



Why choose Accenture for your MX.3 to AWS needs?

Over the past 10 years, we have helped more than 40 capital markets firms with their Murex implementation projects, and we have worked on a variety of Murex projects for nearly 30 years. We have also implemented several Murex to Cloud foundation projects including Murex Dev/Test on AWS and Murex DevOps with Business Layer Autoscaling on AWS

Our multi-location Murex footprint provides on, near and offshore delivery capability through the support of more than 900 skilled Murex professionals locally and worldwide. Additionally, we have developed Accenture MxMon, a monitoring tool for Murex, and Accenture Reformx, a configuration management tool for Murex.

Customized implementation for greater value, sooner

Our approach is tailored to our clients' unique MX.3 implementation needs and preferred tools and practices, and is designed to bring business value very rapidly. We have developed a roadmap for migrating and operating your production environment in the cloud as well as identifying additional automation opportunities and areas where continuous integration and continuous delivery (DevOps) for Murex can be enhanced.

Dev Build Automation
Grid Compute
& Risk Engine



External Platform
Support



Configuration
Management
Integration



Self Service
Portal



PaaS for MX.3

Accenture AWS Business Group—benefit from the best of two leading companies

The Accenture AWS Business Group brings together the best of AWS and Accenture to accelerate enterprise adoption of AWS and business value creation.

Accenture has worked with AWS for more than 13 years and formally established our alliance in 2015. We have been awarded 20+ Competencies and Service Delivery designations by AWS and have been selected as an AWS partner of the year in the UK, ASEAN, Hong Kong and Japan. We've trained more than 16,000 professionals on AWS who have obtained more than 10,000 AWS cloud certifications. We've entered a Joint Transformation Program with AWS that enables our customers to accelerate their cloud journey via a jointly solutioned and delivery approach that is sponsored by our organizations' respective C-suites.

Through this relationship, our clients get the benefit of our combined experience, resources and methodologies to rapidly deliver business value and innovation.

This could allow you to minimize disruption and uncertainty, accelerate speed and scalability and gain agility while ensuring continuity throughout your transformation.

Our collaborative relationship supports successful enterprise-wide cloud deployments through:

- An integrated, single-point-of-contact business model
- A scalable factory approach that focuses on automation and efficiency to accelerate your journey to the cloud
- Thousands of trained AWS architects and technologists
- Best-in-class AWS enterprise-aligned methodologies and solutions
- Tested and proven migration tools and methodologies for AWS cloud migration
- Industry-specific cloud solutions

About Accenture

Accenture is a global professional services company with leading capabilities in digital, cloud and security. Combining unmatched experience and specialized skills across more than 40 industries, we offer Strategy and Consulting, Interactive, Technology and Operations services—all powered by the world's largest network of Advanced Technology and Intelligent Operations centers. Our 699,000 people deliver on the promise of technology and human ingenuity every day, serving clients in more than 120 countries. We embrace the power of change to create value and shared success for our clients, people, shareholders, partners and communities. Visit us at [accenture.com](https://www.accenture.com) **www.accenture.com**.

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