# Taking your Murex MX.3 Platform to Microsoft Azure
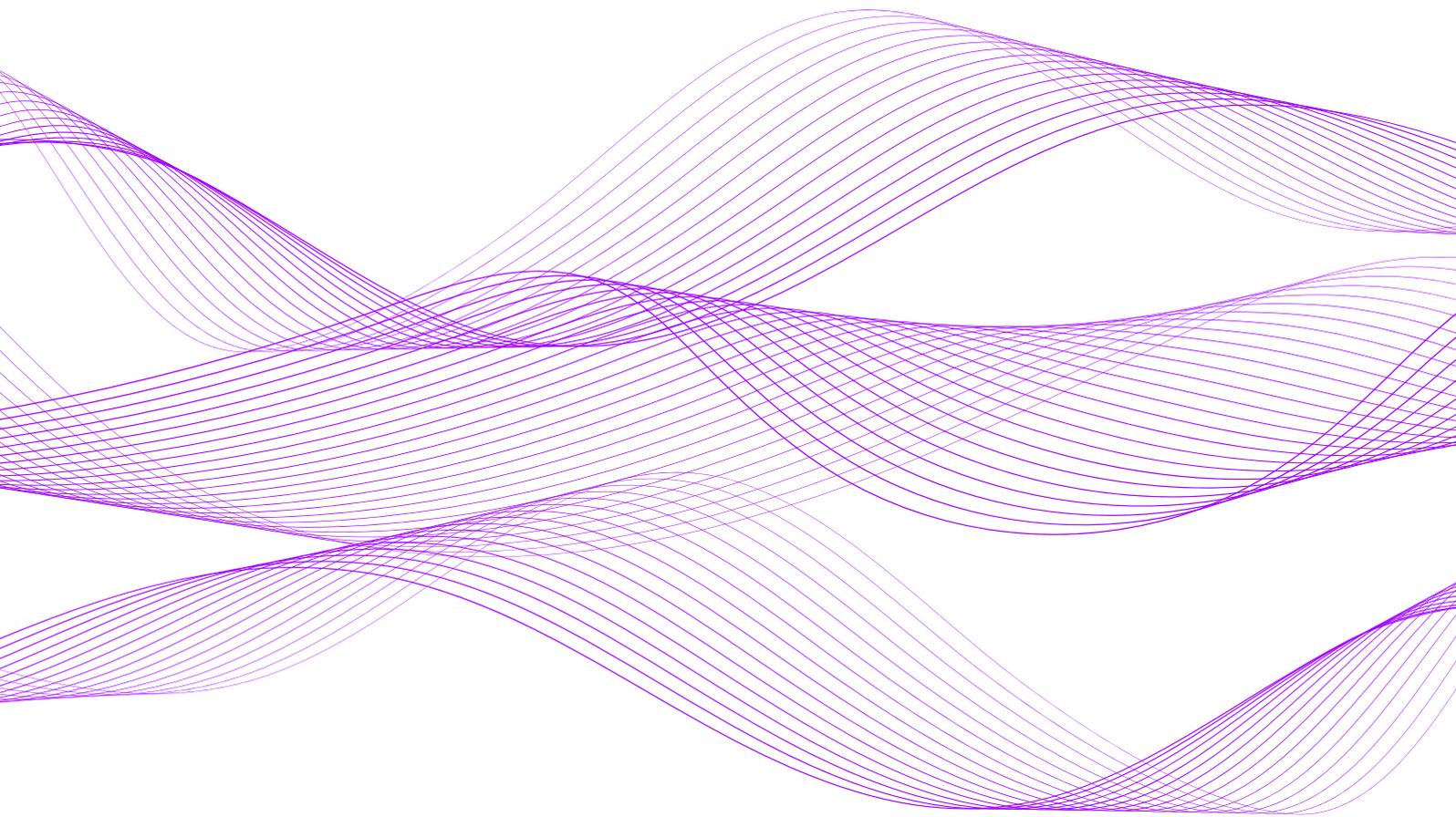
How to efficiently take Murex MX.3 to the cloud

Over recent years, the Capital Markets industry has experienced the gradual erosion of margins in many markets and across different industry segments. This has reduced the amount of capital that firms have available to invest in new technologies and to adopt different ways of working. Ultimately, this could result in complex, siloed legacy infrastructure that is often inefficient and not fit-for-purpose. In some cases, the sheer scale of existing legacy systems and infrastructure presents an additional challenge.

Many firms are considering new ways to implement decoupled architectures in a cost-effective manner. They also want to drive process simplification and deliver an operating environment that is future-proof and agile. By transferring technology assets to cloud platforms such as Microsoft®Azure (**Azure**), firms can run critical business components securely and unlock additional value for their business.

Why run Murex MX.3 on Azure?

Murex MX.3 is cloud-compatible with Azure. At Accenture, we leverage our deep industry and technical expertise, as well as proprietary tools and software assets, to help our clients as they move their on-premise instance of MX.3 to the cloud.

What are the benefits of moving Murex MX.3 to Azure?

Acceleration

By using automation via Azure's infrastructure templates, Accenture tools, and new APIs, environments can now be deployed in as little as 30 minutes versus hours, or weeks if on-premise hardware needs to be acquired.

Elasticity

Azure cloud makes it possible to leverage flexible compute capacity to perform more sophisticated procedures at higher speed. It also allows firms to operate at a lower total cost of ownership.

Budget flexibility and transparency

By eliminating the capital expenditure that results from on-premise infrastructure and maintenance costs, firms using Azure could benefit from a more evergreen infrastructure. This provides a clearer view on the cost of environments and enables detailed end-to-end cost monitoring through features such as Azure budgets and Azure cost alerts.

Scalability

Azure delivers the ability to scale environments up or down, as required or as allowed by operating budgets.

Simplification

Azure simplifies monitoring and management of environments, using in-built management and monitoring tools such as Azure Monitor. It also uses automation to build or tear-down environments more easily.

Future-proof

By moving the MX.3 application, databases and infrastructure to an enterprise-ready Azure cloud platform, and by leveraging new ecosystem management tools from Accenture, clients can develop richer DevOps and run capabilities. This ultimately unlocks the value of your investment in MX.3 across the organization.

Accenture has worked closely with Microsoft to ensure that Accenture's Murex-on-Azure solution and approach align not only with industry best practices, but also with Azure's own well architected framework. By incorporating these two pillars, we aim to deliver a high-quality, stable, and efficient cloud architecture for our clients.

This approach is characterized by the following features:
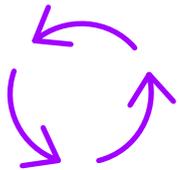
Reliability

The ability of a system to recover from failures and continue to function.

Operational Excellence

Operation processes that optimize a system running in production.

Security

Protecting applications and data from threats.

Performance Efficiency

The ability of a system to process efficiently and scale to adapt to changes in workloads.

Cost Optimization

Managing costs to maximize the value delivered.

Accenture's MX.3 on Azure Offering

Running MX.3 on Azure offers the possibility to deploy, run, and manage complex enterprise-wide MX.3 environments at speed and optimum efficiency. Accenture has designed and created specific MX.3 accelerators, tools and methodologies that can help organizations become more agile, while controlling costs. These include:

A unique Accenture built **Environment Management Dashboard** for creating MX.3 environments in Azure and tracking their status and associated costs.
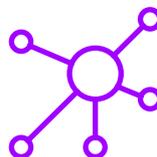
Automation scripts, templates and pipelines for installing and configuring MX.3 on Microsoft Azure and connecting it to other tools available in the market such as configuration and test automation applications.
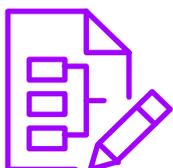
Architecture Blueprints for multiple deployment scenarios on Azure, ranging from dev/test to supporting resilient and highly-available MX.3 production environments.

Deploying **surround applications** for improved environment management, such as running a Murex-specific system monitoring suite that makes the MX.3 VM right-sizing process straightforward and simple.

We have utilized these assets on MX.3-to-Azure projects that have ranged from one-click environment creation using virtualized databases, to foundation projects achieving better than on-premise performance in the full end-of-day run, to hybrid deployments with grid calculations on Azure.

Accenture, Murex and Microsoft

Accenture is proud to be Murex's only global alliance partner. We also have a long-standing partnership with Microsoft. This enables us to provide unique services to help organizations innovate their business processes—no matter how complex they are.

Accenture and Microsoft have decades of experience partnering with each other and building joint solutions that can help clients achieve their goals. This partnership, powered by Avanade, comprizes a dedicated group of 56,000 technology professional focused on the Microsoft technologies and solutions. Accenture and Microsoft leverage this strategic alliance to better serve our clients. Together we deliver the latest in solution and system innovation, including deploying Murex on cloud, through using the latest database options to effectively support

the largest global programs. With new joint solutions and services built to leverage the Microsoft technology stack and Azure cloud, our clients can engage customers in new ways, empower employees, reimagine operations and invent new products and services.

Leveraging the strength of our strategic alliance, Accenture and Microsoft are uniquely positioned to help clients move MX.3 environments to Azure. We are ready to help modernize your Murex MX.3 workloads and to take advantage of all that cloud offers.

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 674,000 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 **www.accenture.com.**

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