More than ever before, capital markets participants are looking at the cloud as part of their core IT infrastructure. This global trend is accelerating across the industry, despite certain restrictions and differences between regions. Clients are looking for methods that adapt to their usage patterns and help them to increase agility through rapid server provisioning, be it for production or testing environments, by calling on greater or less computing power depending on their demand.

Leveraging the cloud provides a high level of elasticity previously unimaginable. Businesses can scale up and down depending on their needs, often reducing operational costs as a result. Murex, a global leader for trading, investment management, treasury, risk and operations, now offers its award winning MX.3 platform on the cloud.

LEVERAGE THE POWER OF MX.3 IN THE CLOUD

To enable clients to take advantage of the flexibility, scalability and cost reductions afforded by cloud models, Murex offers a natively cloud compliant cross-asset trading, risk and operations platform, that is fully deployable on a public cloud. Murex cloud certification will benefit our clients in multiple ways, allowing them to use public cloud for many different business cases including:

- Development and test environments
- Production and disaster recovery
- Scaling the grid tier with GPUs or CPUs
- Deployment of computationally intensive solutions for FRTB or xVA

MUREX CLOUD SERVICES
PUBLIC CLOUD BENEFITS: INCREASE FLEXIBILITY AND LOWER DATA CENTER COSTS

Benefits of the public cloud model include:
- Agility in provisioning new environments for projects
- Achieving economies of scale
- Ability to use a metered model for test, development, disaster recovery environments
- Adding capacity dynamically to the production environment for peak usage
- Migrating to higher performance hardware without incurring large upfront costs

MUREX PUBLIC CLOUD CERTIFICATION: BRING YOUR OWN LICENSE MODEL

Murex is certified on Microsoft Azure and Amazon Web Services (AWS). Certification enables clients to choose between these two major cloud providers when deploying their MX.3 environments on IaaS. Clients receive Murex’s high standards of support when using public cloud for production, test and development. As a fully certified public cloud solution, Murex Cloud Services delivers:
- Best practices for cloud deployment
- Security recommendations adapted to the MX.3 platform
- Infrastructure resources sizing guidelines
- Data masking tool to secure sensitive data when moving from production to test and development environments
- Support of RHEL, SAP ASE and Oracle cloud compliant operating environments

MUREX PRIVATE AND HYBRID CLOUD MODEL SUPPORT

Public cloud is not the preference of all institutions, some firms may choose to target a private or hybrid cloud model. Common reasons include local regulators or internal policy that restrict the use of public cloud due to data security concerns. In addition, some firms may prefer to maintain a certain level of control and customization over their data and infrastructure.

In these cases, Murex VMWare certification supports clients for MX.3 production use. Murex will support private, hybrid or public cloud deployments leveraging VMWare in conjunction with currently supported operating environments.

MUREX SAAS: A FULL END-TO-END SOLUTION

Murex currently provides a managed services offering for its platform, encompassing hosting as well as a number of technical application management services. Murex SaaS currently relies on a private hosting arrangement. Murex plans to leverage public or hybrid cloud technology to optimize even further its SaaS service.

Murex SaaS covers the following services:
- Infrastructure services. Full technical stack (servers, storage, networking) delivered in certified data centers
- Platform services. Operating systems, databases, middleware (Citrix, queue servers) and connectivity (web servers, SFTP)
- Financial solutions. MX.3 business-ready solutions with client-specific customizations
- Administration services. Monitoring, security, availability and back-ups
- Software services. Operation, support and evolution of the full stack