

# NxCore Cloud

## Next Generation Capital Markets Development Platform

Rapidly build, test and deploy capital market apps with enterprise-grade data faster than ever before, with a collaborative, cloud-based integrated developer environment (IDE) leveraging the power of Numerix's award-winning pricing and risk analytics and the strength of the Python ecosystem.

- Build with Numerix's street-tested pricing and risk analytics and technologies, developed by our award-winning team
- Capitalize on Python's strengths and vast ecosystem to easily and efficiently develop new apps with confidence and repeat at scale
- Test and deploy new apps rapidly and collaboratively, with fewer lines of code and resources allocated to set up environments

### PLATFORM AT A GLANCE

NxCore Cloud allows financial institutions to centralize and scale their development effort by facilitating the collaboration between quant developers and end users to significantly reduce time-to-market.



## BENEFITS



### Reduce time-to-market for building robust and powerful models and apps

Take advantage of NxCore Cloud's rich data model and the Python ecosystem to build models in less time. Leverage source data from our market data solution NxDM and Python tools with Numerix or third-party analytics to create apps to price products, clean up volatility surfaces and monitor exposure. The sky is the limit.



### Deploy and manage your apps with confidence

Maintain enterprise-grade security, control and user access management from a common dashboard. Overcome some of the operational constraints of Excel and build robust apps



### Increase business agility and collaboration

NxCore Cloud leverages the capabilities of AWS to maximize performance and streamlined deployment for both developers and end users and encourages sharing and collaboration across teams resulting in quicker responses to market opportunities or threats

**Discover how NxCore Cloud can unlock innovation and increase collaboration across your business.**

For more information, contact:  
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## KEY FEATURES

Capital markets are becoming increasingly dynamic. Everyday, new challenges emerge - and so do opportunities. To remain competitive, financial services firms need to empower their teams with the right platform to build models, sandbox ideas and rapidly develop and deploy new applications so they can innovate fast - without sacrificing security and governance.

Leveraging the power of the cloud and the strength of the python ecosystem, NxCore Cloud enables organizations to dramatically reduce time-to-market and project risk and take advantage of new trading opportunities—the fastest and most efficient way possible.



### Flexible Analytics

Utilizes Numerix's market-standard CrossAsset analytics, your firm's proprietary analytics or even analytics from another vendor.



### Cloud-native

Cloud-native platform leveraging the power of AWS to maximize performance, elasticity and scalability for both developers and app users



### Powerful Calculation Engine

Build applications powered by our streaming real-time graph framework and cloud compute engine / grid scheduler



### Automated testing

Automated testing frameworks for easy back-testing and model validation



### Python-based

Leverage the strengths of Python libraries, frameworks and tools and benefit from its vibrant community



### Market Data Repository

Utilizes Numerix's market data solution Numerix Data Management (NxDM) to make connecting with and managing data a breeze



### IDE

Browser-based IDE to edit, run and test code for apps from anywhere.



### Containerization

Rapid deployment thanks to containerization - publish to production while continuing to iterate on development. We will also manage the analytics containers to ensure version control, rapid deployment and upgrades are managed properly.