

NEXEN

SIMPLIFIED. INTUITIVE. POWERFUL.



BNY MELLON

NEXEN

Technology to power the
investment lifecycle

Invested in the Future of Finance

As the Investments Company for the World, we deliver advanced technology solutions as a core competency. With NEXEN we are redefining the future of finance by building a new technology ecosystem from the client's perspective.

Clients currently access the solutions they need via different portals and data downloads, resulting in inefficiency, inconsistent service levels and redundant functionality. NEXEN will provide a consistent client experience for BNY Mellon technology, regardless of product, service or region.

Our service architecture will also allow BNY Mellon solutions to be easily integrated with other BNY Mellon, third-party and client-developed services to create new innovations for every stage of the investment lifecycle.

Invested in our Clients

NEXEN is Needed

Clients using a range of vendor solutions may be faced with higher expenses, greater inefficiency and a lack of transparency. NEXEN consolidates BNY Mellon solutions and third-party solutions onto one platform. This allows our clients to leverage our technology expertise and scale as well as channel our investments to advance their business model.

NEXEN is Now

NEXEN is based on cloud computing. Services are easily and securely accessible by clients, in their preferred method, from a single, intuitive and powerful platform rather than the current wide array of systems, applications and electronic-based delivery systems.

NEXEN Excels

The scale, automation and speed of NEXEN are a technological breakthrough in financial services. It generates predictive data and insights that will enable us to anticipate client needs like never before.

NEXEN is What's Next

Made for the cloud, NEXEN is nimble in offering a state-of-the-art continuous integration environment that will allow us to bring solutions to market more quickly. Obsolescence will soon be a thing of the past.

NEXEN

The future of finance

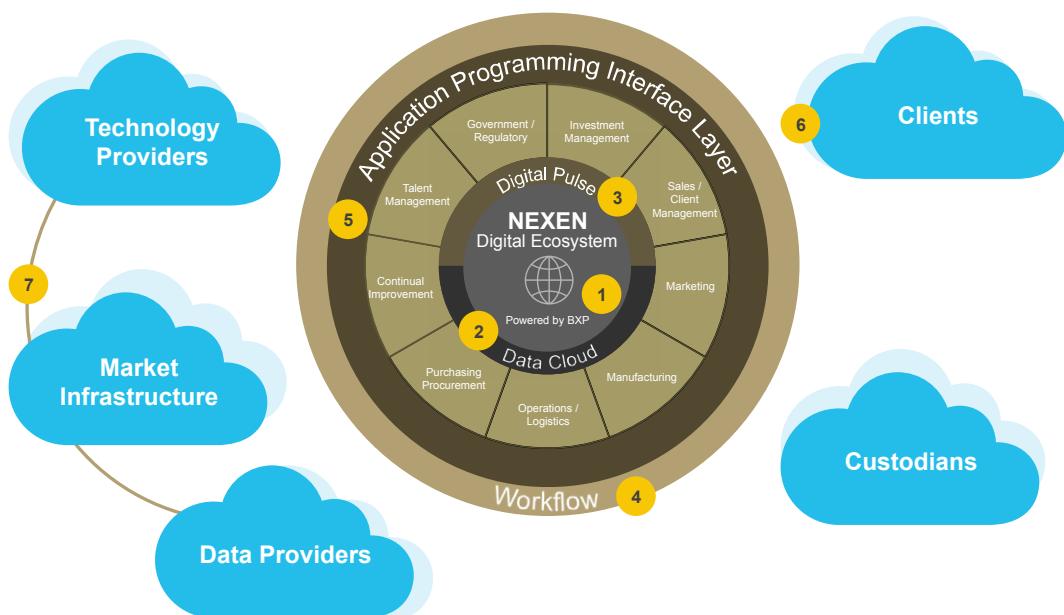
BNY Mellon became the Investments Company for the World largely due to the size, scale and quality of our technology.

Through the NEXEN ecosystem, we're offering a smarter alternative to current client service delivery models since applications and services are not tethered by technology constraints. Instead, our services are delivered directly, easily and in a personalized manner through innovative cloud-based techniques to help our clients create efficiency, scale and greater returns on their investments at every stage of the investment lifecycle.

Powering NEXEN Innovation

NEXEN's vast scale is driven by seven core components. Altogether, they're transforming how BNY Mellon's services are developed, delivered and depended upon.

1 Platform	BXP is a cloud-based platform that lowers our costs and delivers resilient, secure solutions that scale and accelerate time to market.
2 Data	A cohesive, integrated access to all of BNY Mellon business data for decisioning and reuse.
3 Digital Pulse	Predictive analytics and insights generated from the multitude of transactions at BNY Mellon.
4 Workflow	A consistent approach to performing work and providing status transparency.
5 APIs	Application Program Interfaces (APIs) allow integration between BNY Mellon services and our clients' solutions.
6 Gateway	Integrated business solutions, capabilities and data delivered across all access devices.
7 App Store	A virtual store offers enhanced customization and choice with best in-class apps from a wide range of providers.



PLATFORM

BNY Mellon Extreme Platform (BXP) puts the cloud in context

NEXEN's highly scalable cloud is powered by our advanced and proprietary BXP, which is hosted in our secure data centers. We offer the innovation, speed and elasticity of cloud computing with advanced cybersecurity controls, while consolidating BNY Mellon services on a single platform. Our approach to the cloud enhances our agility in bringing new solutions to market and allows clients to access various services consistently via NEXEN.

RESILIENT

- Active-active model
- Functional isolation
- Redundant
- Componentized

SECURE

- Private cloud
- Mitigates risk
- Advanced data encryption

INNOVATIVE

- Open sourced
- Transaction capabilities
- Data center as service

SEAMLESS

- Data interoperability
- API primed
- Persona integrated

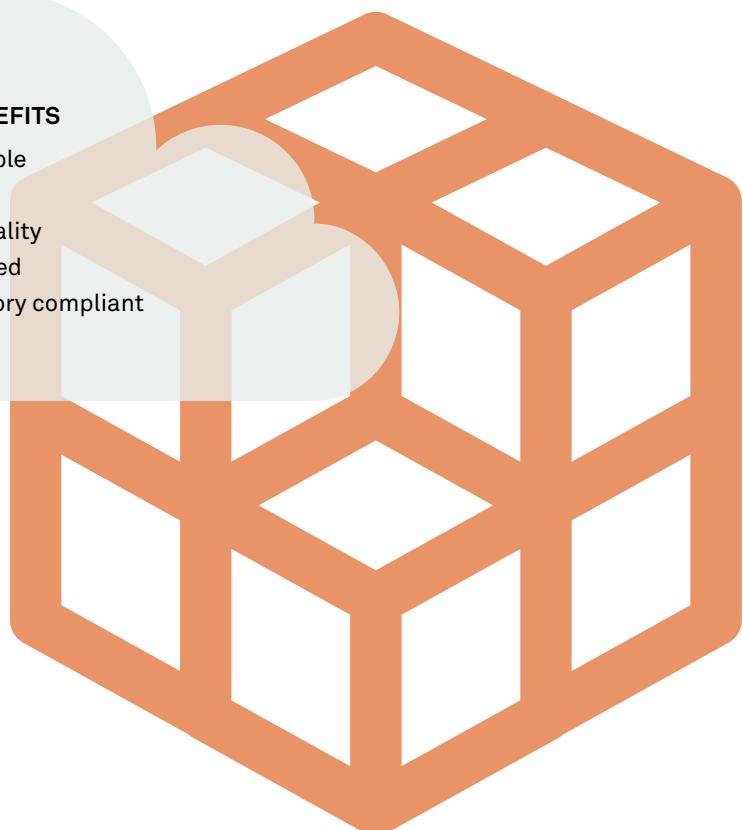
DATA

Cohesive, integrated view of data for decisioning and reuse

BNY Mellon is at the center of financial transactions that involve a tremendous amount of data. Today, data exists in isolated systems with increasing volume, velocity and variety. NEXEN will enable BNY Mellon to unlock siloed data and integrate it for multiple uses so that it is more accessible and usable. Moreover, NEXEN will lay the groundwork for answering regulators' questions on data quality, lineage and governance.

KEY BENEFITS

- Accessible
- Useable
- High Quality
- Integrated
- Regulatory compliant



DIGITAL PULSE

Measuring and analyzing BNY Mellon's vast transactional data

Digital Pulse tracks activities, processes and transactions within BNY Mellon, resulting in predictive analytics that enable businesses to work smarter and drive improvement. Digital Pulse monitors NEXEN Gateway and captures pertinent data, allowing us to more easily identify our clients' needs, refine their experience and drive the creation of new, innovative services.

Capture

Reduce the time it takes to structure a business by enabling clear definitions and process for event publishing.

Store

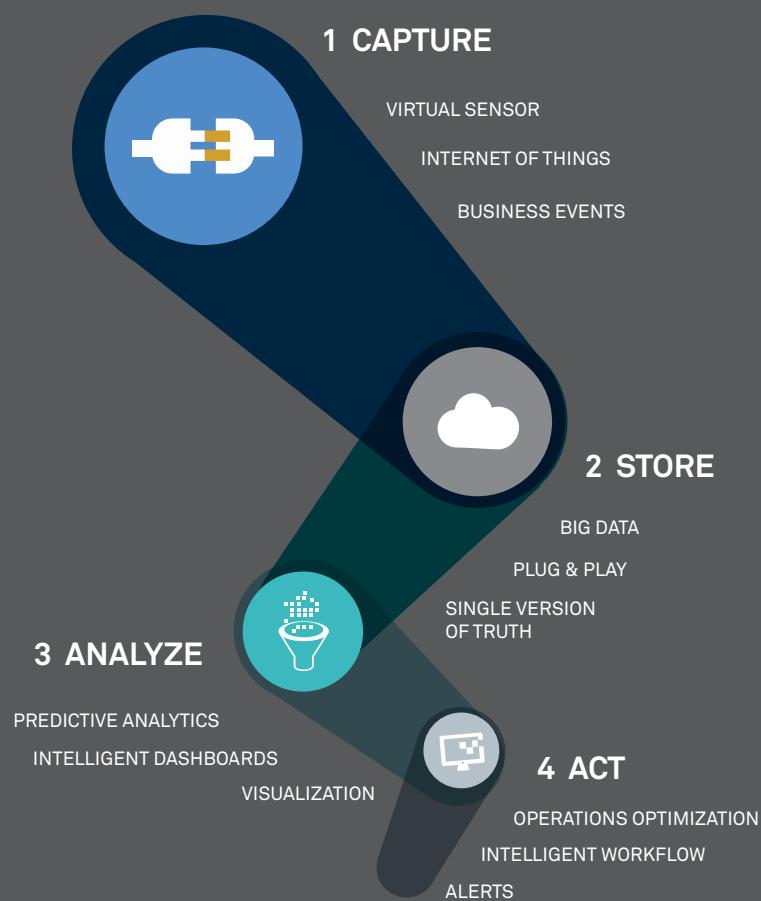
Simple, fast, high-quality data ingestion with the ability to handle one billion events per day.

Analyze

Empower employees, managers and clients with insightful analytics.

Act

Deliver actionable intelligence anywhere, anytime, and on any device for better business outcomes.



WORKFLOW

Consistent approach to performing work and client visibility

The Workflow service of NEXEN provides the platform to create a common experience for our clients to initiate work, track progress and interact with BNY Mellon services. Generic workflow capabilities are included as well as more customized solutions. NEXEN Workflow supports BNY Mellon's commitment to agile methodology, supporting faster time to market, lower cost of maintenance and greater rigor in creating and standardizing processes. Enabled by our API and Digital Pulse strategies, Workflow is providing a market-leading service designed to help clients optimize processes more quickly with less time and expense for development.

WORKFLOW PROJECT PIPELINE



KEY BENEFITS

- Process optimization
- Lower cost of ownership
- Faster time to market

APIs

Seamless integration between services

NEXEN APIs (Application Programming Interfaces), which are predefined communication protocols, drive innovation by linking our services to create new solutions. APIs also allow our clients to extend their technology investments by invoking our services directly through their technology. This enables us to expand our reach, engage users and transform business operations to be more agile, flexible and dynamic in the new digital economy. APIs allow seamless integration and operational efficiencies. They are the building blocks that enable BNY Mellon and third-party developers to create new applications and business solutions for our clients via our App Store.

ENGAGE

- Value-driven integration
- Comprehensive API store
- API suites based on client needs

INNOVATE

- Combine multiple APIs
- Service-to-service integration
- Optimized workflows

SECURELY CONSUME

- Data
- Functionality
- Insights

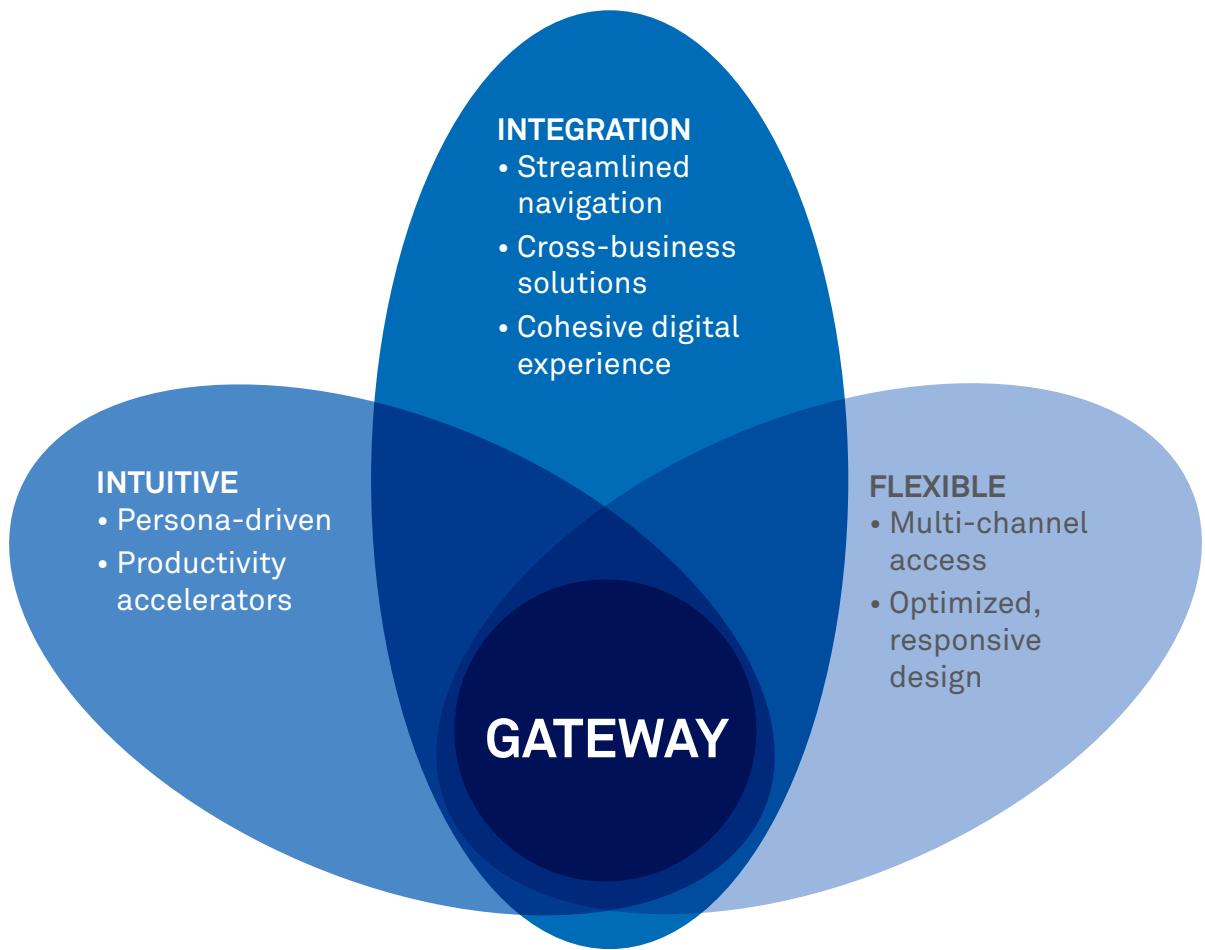
ACCELERATE

- Speed-to-market
- Detailed documentation and support
- Industry standard protocols

GATEWAY

Personalized, integrated user experience focused on client needs

BNY Mellon's expertise is more accessible than ever through our multi-channel gateway to a wide range of BNY Mellon solutions, capabilities and data. Its flexible and intuitive interface provides new worlds of opportunity by integrating our services with best-in-class third-party providers. NEXEN is an enhanced, cohesive client experience, not just new features.



APP STORE

Access best-in-class apps through a virtual store offering

Our clients use solutions from multiple providers. The App Store allows them to access BNY Mellon products and leverage our existing vendor relationships for best-in-class solutions. This easy-to-navigate tool enables our clients to find the solutions they need, when they need them, giving our clients choice in selecting the third-party solutions they prefer. Developers can integrate their applications within our digital ecosystem to create new solutions that provide unparalleled content for the institutional investor.

SIMPLIFIED

- Easy to navigate
- Intuitive
- Valuable content
- Client economies of scale

INNOVATIVE

- Integrated solution
- Aggregation and distribution
- Powerful developer community

SECURE

- Trusted partner
- Data encryption ability
- Resilient

MARKET LEADERSHIP

- First to market
- New distribution channel
- Leverages global vendor relationships

**APP
STORE**

bnymellon.com

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