**Slide 1: Introduction**

**Slide Content**:

* **Title**: *MDS 2024: Driving Strategic Impact and Operational Excellence*
* **Subtitle**: *Enhancing Data Integrity, Expanding Market Data, and Delivering Value*
* **Presented by**: [Your Name, Title]

**Speech**:

*“Good [morning/afternoon], everyone. Thank you for the opportunity to present the achievements and strategic role of MDS this past year. In 2024, MDS has continued to grow as a core platform within LOB, addressing data quality, regulatory demands, and the needs of our Front Office Desk. Today, I’ll cover the operational foundation of MDS, review the major projects that have strengthened its role, and emphasize how our team’s leadership has been pivotal in achieving these results.”*

**Slide 2: MDS Platform Overview and Key Responsibilities**

**Slide Content**:

* **Platform Purpose**: Comprehensive data management for risk and market data, essential to LOB’s trading and risk operations.
* **Daily Tasks**:
  + **Data Quality Checks**: Monitoring for anomalies, resolving flagged data issues daily.
  + **Cross-Asset Management**: Ensuring data consistency for Equity, Credit, and Commodity assets.
  + **Risk Factor Expansion**: Onboarding new risk factors in response to regulatory and market demands.
* **Continuous Improvements**: Automation, process enhancements, stakeholder reporting.

**Speech**:

*“MDS’s daily operations are the backbone of its reliability. Every day, the team performs data quality checks across thousands of data points, ensuring that any flagged data issues are resolved in real time. MDS manages data for all major asset classes, maintaining consistency in equity, credit, and commodity data. The platform also supports the addition of new risk factors, working closely with quants to adapt to evolving regulatory requirements.*  
*Our continuous improvements, from process automation to enhanced stakeholder reporting, have enabled MDS to remain agile and responsive to LOB’s complex needs.”*

**Slide 3: Expanding Market Data and Risk Factors**

**Slide Content**:

* **Expansion Initiatives**: Collaborated with quants and risk teams for new risk factor identification and integration.
* **Daily Integration and Testing**: Managed time series generation and scenario modeling (e.g., 2008 crisis, COVID scenarios).
* **Validation and Go-Live**: Rigorous testing for new risk factors, aligning with regulatory and Front Office requirements.

**Speech**:

*“This year, MDS played an instrumental role in expanding our market data and risk factors. By collaborating with quants and risk teams, we identified and onboarded new risk factors that are essential to modern risk management. We managed scenario modeling, from the 2008 financial crisis to the COVID pandemic, generating and validating time series for each case.*  
*Our validation and go-live testing were rigorous, ensuring that these new risk factors support both Front Office and regulatory needs. These efforts highlight MDS’s agility and its alignment with LOB’s mission to stay ahead in a competitive market.”*

**Slide 4: 2024 Major Projects – Strategic Impact and Value Addition**

**Slide Content**:

* **Credit and XVA Projects**: CDS curve adjustments, FVO structured notes for advanced Capital and Management VaR models.
* **Commodity Initiatives**: Launch of environmental products (CCAs), enhanced LME curves, and improved Gas Daily price granularity.
* **RMBS Migration**: Transitioned RMBS from Vendor X, centralizing data and saving $1M annually.
* **Equity Enhancements**: New VIX futures framework, improved dividend yield, and funding spread separation.

**Speech**:

*“MDS achieved several high-impact outcomes across asset classes. In Credit, we optimized CDS curves, enhancing data quality for XVA desks. Our FVO structured note implementation incorporated SOFR discounting curves, improving our ability to model Capital and Management VaR.*  
*In commodities, we introduced environmental products such as California Carbon Allowances, positioning LOB to lead in sustainable finance. Enhancements to our LME and Gas Daily curves increased granularity, improving risk management capabilities.*  
*One of our most notable accomplishments was the RMBS migration from Vendor X to MDS. This saved LOB $1 million annually while centralizing data management under MDS. In Equity, we launched a new VIX futures framework and optimized dividend yield and funding spreads, further enhancing our modeling accuracy. Each of these projects directly contributes to the goals of our Front Office desks and underscores MDS’s role as a strategic asset.”*

**Slide 5: Efficiency Gains and Cost Savings**

**Slide Content**:

* **RMBS Migration Cost Savings**: $1M annually by centralizing Non-Agency RMBS data in MDS.
* **EQ\_VIX Cost Savings**: Saved $160K by leveraging Bloomberg Per Security data.
* **Process Efficiency**: Faster EQ\_VOL project delivery, automated weekly data quality reporting.

**Speech**:

*“Beyond project impact, MDS delivered significant efficiency gains and cost savings. Centralizing Non-Agency RMBS data from Vendor X resulted in $1 million in annual savings. In the equity space, a cost-effective solution for VIX data saved $160,000 by leveraging Bloomberg Per Security data.*  
*Additionally, we streamlined complex processes in EQ\_VOL, reducing project timelines and enhancing our responsiveness to Front Office demands. Weekly automated data quality reporting has also improved transparency and audit readiness. MDS’s efficiency gains this year showcase our team’s commitment to financial prudence and operational excellence.”*

**Slide 6: Continuous Enhancements in Production**

**Slide Content**:

* **Root Cause Analysis**: Identified recurring issues, implemented long-term solutions across data processes.
* **Automation Initiatives**: Developed tools to reduce manual workloads in batch processing.
* **Stakeholder Reporting**: Real-time reporting improvements for better decision support.

**Speech**:

*“MDS’s continuous improvements in production processes are a testament to its forward-looking approach. Our root cause analysis helped identify and address recurring issues, implementing solutions that reduce disruptions across our data workflows.*  
*We also prioritized automation, developing tools that have significantly reduced manual processing, especially in batch handling. Real-time reporting enhancements have enabled MDS to support more data-driven decision-making, directly benefiting stakeholders who rely on timely, accurate information. MDS’s production enhancements ensure that it remains agile, efficient, and fully aligned with LOB’s strategic objectives.”*

**Slide 7: Leadership Impact – Driving Success in MDS**

**Slide Content**:

* **Visionary Leadership**: Setting a strategic vision for MDS’s growth and alignment with LOB’s goals.
* **Team Empowerment**: Empowered team members to take ownership of complex deliverables.
* **Collaboration and Transparency**: Open communication and proactive partnerships with AWS, quants, and Front Office.

**Speech**:

*“The achievements of MDS would not be possible without strong leadership and a strategic vision for the platform. My approach has been to set a clear direction, aligning MDS’s goals with LOB’s broader mission of data integrity and operational excellence.*  
*Empowering the team has been a priority, allowing key members to own complex deliverables, which has preserved momentum on high-impact projects. Additionally, we’ve fostered open communication with our AWS partners, quants, and the Front Office to ensure alignment and transparency in every project. This leadership approach has enabled MDS to remain resilient and agile, consistently exceeding stakeholder expectations.”*

**Slide 8: MDS’s Strategic Role and Vision for 2025**

**Slide Content**:

* **Deepening AWS Collaboration**: Building scalable architectures for advanced use cases.
* **Enhancing Data Capabilities**: Strengthening data quality, risk, and compliance functions.
* **Team Development**: Upskilling the team to meet future challenges in data complexity.

**Speech**:

*“Looking forward to 2025, MDS’s vision is centered on deepening its strategic role within LOB. By enhancing our collaboration with AWS, we aim to build scalable, future-ready architectures that can handle increasingly complex use cases.*  
*We are committed to strengthening MDS’s data quality, risk, and compliance capabilities to ensure that our platform remains robust and reliable. Additionally, we’re focusing on team development, upskilling our members to stay ahead of the rapidly evolving data landscape. With this forward-looking vision, MDS will continue to drive growth, operational excellence, and strategic value for LOB.”*

**Slide 9: Conclusion and Call to Action**

**Slide Content**:

* **2024 Summary**: Highlighting key achievements, cost savings, and strategic impact.
* **Commitment to Excellence**: MDS’s role as a core platform in LOB’s success.
* **Thank You**: Invitation for continued support and collaboration.

**Speech**:

*“In closing, MDS’s accomplishments in 2024 have been transformative, delivering strategic results, achieving substantial cost savings, and reinforcing our operational excellence. MDS has proven itself as a core platform that drives value across LOB, supporting complex trading, risk, and regulatory requirements.*  
*As we move into 2025, my commitment is to continue leading MDS with a focus on innovation, data quality, and strategic growth. Thank you for your support, and I look forward to collaborating as we take MDS to new heights in the year ahead.”*