

## **Use Case Proposal for Fund Administration and Services. Fund Administration Made Easy with ExchangeRobotics**

The Challenge: Fund administrators face increasing pressure to improve efficiency in a highly competitive market. They need to manage massive amounts of diverse data, automate complex calculations, and streamline workflows, all while minimizing costs and potential errors.

The Solution: ExchangeRobotics provides a unique solution using Generative AI technology and infrastructure. It enables fund administrators to:

### **1. Manage Big and Diverse Data with Ease:**

- **Onboard and Standardize Data:** Easily handle data from various sources and formats, ensuring accuracy and consistency.
- **Analyze Data Securely:** Retrieve and analyze large datasets, including new and complex asset classes, without compromising security or data quality.

### **2. Automate Critical Calculations:**

- **Real-Time NAV and Other Indicators:** Calculate NAV, IRR, performance metrics, and more in real-time, providing accurate and timely insights.
- **Effortless Calculations:** Automate cost tracking, accrued interest, and expense management, freeing up valuable time.

### **3. Optimize Data Management:**

- **Streamlined Data Onboarding:** Integrate data from diverse sources, including PDFs, XLS, CSV, APIs, and web-based platforms.
- **Data Normalization and Merging:** Utilize advanced tools like Databricks and AI services to ensure data consistency and accuracy.

### **4. Leverage AI for Powerful Calculations:**

- **User-friendly Chatbot:** Effortlessly perform data management, calculations, cash flow modeling, and much more by simply asking our chatbot to perform your tasks.
- **Automated NAV and Valuation:** Utilize AI to perform daily NAV calculations and portfolio valuations, eliminating errors and reducing reputational risk.
- **Reconciliation and Analysis:** Identify and correct data discrepancies, ensuring the integrity of all calculations.

## 5. Streamline Processes and Workflows:

- **Asset Purchase Automation:** Automate the asset purchase process, including limits management and impact analysis.
- **Waterfall Calculation Tool:** Simulate drawdown scenarios and pay schedules, providing a clear picture of cash flows.
- **Transaction Monitoring and Reporting:** Gain real-time insights into SPV performance, receive alerts for potential issues, and generate comprehensive reports.
- **Fund Accounting Automation:** Effortlessly manage loan disbursements, amortizations, and repayments.
- **Team Collaboration:** Facilitate efficient communication and workflow management through centralized task management and external partner collaboration.

### Benefits:

- Increased Efficiency and Productivity
- Reduced Costs and Errors
- Improved Data Management
- Enhanced Accuracy and Compliance
- Streamlined Workflows and Processes
- Improved Decision-Making

### Next Steps

Exchange Robotics empowers fund administrators to stay ahead of the curve by leveraging the power of AI to automate critical tasks and improve efficiency. This enables them to focus on strategic initiatives and deliver exceptional service to their clients. For BNY, this is a strategic opportunity to reinforce its position as a market leader in the fund administration industry. To take full advantage of these benefits, consider the following next steps:

#### 1. **Initiate a Pilot Program:**

- Start with a pilot program to integrate Exchange Robotics into a segment of your operations. This allows you to evaluate its impact and benefits before a

full-scale rollout, demonstrating BNY's commitment to innovation and excellence.

**2. Consult with Our Experts:**

- Discuss your specific needs and challenges with our team. Our experts can provide tailored recommendations and help you develop a customized implementation plan.

**3. Explore Case Studies and Testimonials:**

- Review case studies and testimonials from current users to understand the practical applications and successes of Exchange Robotics in real-world scenarios.

**4. Market Leadership Opportunity:**

- Leverage this opportunity to differentiate BNY from competitors by showcasing your adoption of advanced AI technologies that enhance efficiency, accuracy, and client satisfaction.

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By taking these steps, a fund Administration and accounting can unlock the full potential of Exchange Robotics, enhance operational efficiency, and solidify its position as a market leader, setting a new benchmark for excellence in the industry.