SERVICES

# Solutions for Depositaries

FUNDS AXIS

# Contents

# Overview

Funds-Axis provides comprehensive solutions for Depositaries used by both large global custodians and depositary-lite providers to fulfil their obligations under UCITS and AIFMD provisions.

## Cash Flow Monitoring

\ Automated Tracking of all fund cash flows
\ Verification against limits, frequency, and approved payees
\ Monitoring for non-timely settlement of cash flows

## Out-of-the-box limit monitoring and reporting

\ Monitoring of all UCITS investment rules, prospectus & other limits
\ Ongoing monitoring of AUM vs relevant 'threshold limits'
\ Leverage monitoring and reporting on both gross method & commitment method
\ Liquidity monitoring and reporting - considering assets & investor dealing activity
\ Automated production of investor disclosures & regulatory reporting
\ Monitoring and reporting for portfolio company holding disclosures
\ Capture of UCITS & AIF's risk profiles and monitoring of internal risk limits

## NAV Oversight

\ Automated checks to meet the requirements for oversight of fund valuation
\ Monitoring for large movers, stale prices, unquoted and suspended stocks and expensive accruals
\ Derivatives re-pricing

## Risk Oversight

\ Liquidity Risk, Counterparty Risk, Leverage, Value-at-Risk
\ Automatic calculation of key exposures
\ Exposure tracking through historical time series charts
\ Easy to use interface with exportable metrics for your reporting needs

## Custody Market Oversight

\ Suite of reports to easily analyse exposure to markets, issuers, brokers and counterparties
\ Collateral monitoring including excess collateral

# Features

- In-built rules engine containing 2,000+ investment rules maintained and fully up to date
- Ability to create customised rules to meet your monitoring requirements
- Full history and audit trail
- Built-in Data Quality
- Comprehensive liquidity, leverage, and counterparty risk monitoring functionality
- Email alerts and notifications of breaches
- Available as Technology-only or as a Managed Service
- Interactive dashboard reporting

# Benefits

- Increased efficiency and accuracy of processes and results
- Instant analysis of compliance and risk across your portfolios
- Automated production of Management Information across your business
- Identification and resolution of issues before they become breaches
- Full compliance with regulatory change
- Full automation of your cash flow management processes, saving considerable time and manual effort while mitigating risk of error
- Full digital audit log of all cash flows and actions
- Tracking and notification of issues and resolution path

# Cash Flow Monitoring

Out-Of-The-Box Monitoring

Interactive Dashboard Reporting

Technology-Only or as a Managed Service

Email Alerts and Notifications Issues

Funds-Axis provides comprehensive automated monitoring of all fund cash flows. Through our HighWire system, thousands of cash flows from multiple sources can be monitored in minutes, with in-depth analysis and reporting available, alongside comprehensive workflow management.

Cash flows can be monitored based on absolute limits, percentage of NAV, by type, frequency, and approved payees amongst others.

# Features

- Set flexible limits for each of your funds, whether absolute limit, % of NAV, cash flow type, frequency or payee status
- Monitor all data flows from prime brokers and custodians in one place, regardless of file type and delivery method, through our powerful ETL tool
- Review the full history of all cash flow exceptions in Cash Flow Management
- Quickly analyse your exceptions and identify issues for resolution through our cash flow dashboard reports

# Benefits

- Fully automate your cash flow management processes, saving time and considerable manual effort, and mitigating risk of error
- Full digital audit log of all cash flows and actions
- Tracking and notification of issues and resolution path
- Leverage off Funds-Axis' existing integrations with the leading prime brokers and banks, with a swift and low-cost implementation

# Investment Compliance

Out-Of-The-Box Monitoring

Interactive Dashboard Reporting

Technology-Only or as a Managed Service

Email Alerts and Notifications Issues

With our Investment Compliance Monitoring Software we offer out-of-the box coverage of the UCITS rules as well as other regulatory rules (Non-UCITS rules, US 1940 Act, Canadian mutual fund rules, Hong Kong and Singapore rules, Prospectus Limits and many other rules based on fund domicile).

Our suite of global funds technology contains a comprehensive investment compliance module to help meet your post-trade compliance needs in accordance with the different regulatory requirements.

# Features

- In-built rules engine containing 2,000+ investment rules maintained and fully up to date
- Ability to create customised rules to meet your monitoring requirements
- Full history and audit trail
- Built-in Data Quality
- Comprehensive liquidity, leverage and counterparty risk monitoring functionality
- Email alerts and notifications of breaches
- Interactive Dashboard Reporting
- Available as Technology-only or as a Managed Service

# Benefits

- Instant analysis of compliance and risk across your portfolios
- Automatic production of Management Information across your business
- Identification and resolution of issues before they become breaches
- Full compliance with regulatory change


# NAV Oversight

- Out-Of-The-Box Monitoring
- Interactive Dashboard Reporting
- Technology-Only or as a Managed Service
- Email Alerts and Notifications Issues

Our automated control framework streamlines the NAV validation process and provides assurances over the accuracy and integrity of fund valuation.

In addition to intra-day real time checking of the NAV, it also supports compliance/audit depositary oversight activities and periodic NAV validation exercises, ensuring that oversight activities are properly focused.

# Features

- NAV recalculation
- Asset valuation Control
- Interest rate control
- Pricing control
- Fee control
- Exchange rate control

# Benefits

- Full transparency of your fund valuations
- Tracking of prices and valuations of individual shareclasses
- Historical time series reporting of fund NAVs
- Validation of security prices against an independent price feed


# Risk Oversight

Liquidity Risk

Counterparty Risk

Leverage

Value-at-Risk

HighWire supports the automated calculation of the different leverage calculations required under UCITS & AIFMD. Through our risk module, users can analyse and validate the commitment, notional, gross and AUM exposures for all of their funds.

Additionally, the module offers insight into currency exposures on your funds plus a full history of all of these exposures to allow for time-series analysis and periodic averaging.

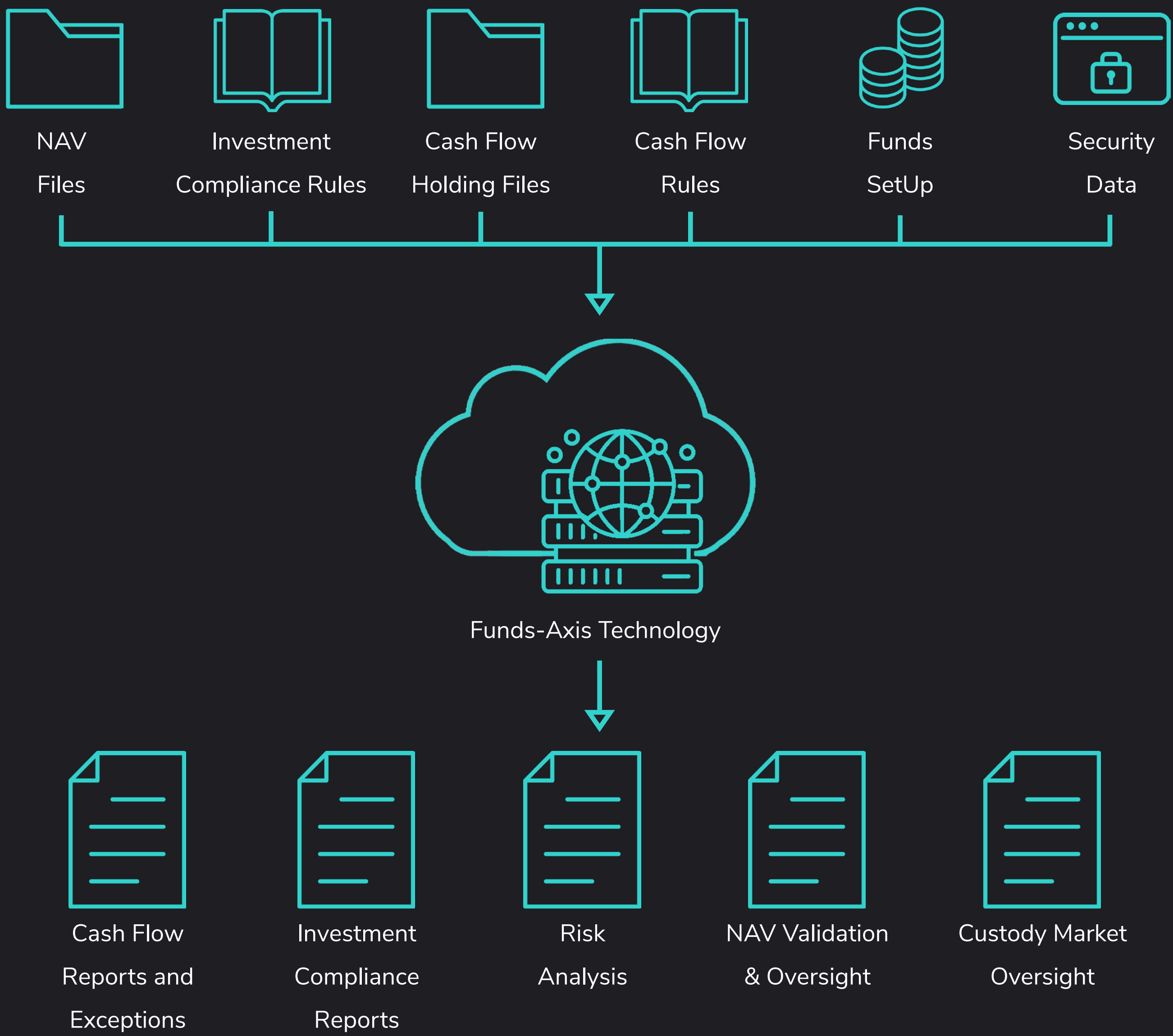
# Features

- Quickly identify your market risk
- Review your fund leverage for a single day or review the trends over time
- Automated exposure calculations for gross, commitment, notional and AIFMD AUM – as well as minimum, maximum and average figures
- Review derivative data on your portfolios, including for asset type and exposure
- Analyse counterparty exposure across your funds, including acceptable deposit takers
- Carry out liquidity stress test analysis on your portfolios using our range of pre-built stress tests
- Identify where your liquidity risks lie, using our Fund Risk Assessment Summary

# Benefits

- Automatic calculation of key exposure calculations
- Exposure tracking through our historical time series charts
- Automated daily Liquidity Risk Monitoring
- Easy to use inter face with exportable metrics for your reporting needs

# The Process



NAV Files
Investment Compliance Rules
Cash Flow Holding Files
Cash Flow Rules
Funds SetUp
Security Data
Funds-Axis Technology
Cash Flow Reports and Exceptions
Investment Compliance Reports
Risk Analysis
NAV Validation & Oversight
Custody Market Oversight

# Integrations

Onboarding is quick and cost effective through our existing integrations with multiple prime brokers, administrators and data providers.

## Prime Brokers / Cash Flow Integrations

Northern Trust
Credit Suisse
Barclays
BNP Paribas
State Street
Goldman Sachs
Morgan Stanley
Bank of America
citibank
Deutsche Bank
J.P.Morgan
Societe Generale
UBS

## Fund Administrators and Accounting Integrations

Northern Trust
State Street
APEX
equinox funds
SS&C
JTC
RBC
usbank
Quintillion
Brown Brothers Harriman
T.Bailey
Altavista
BNP Paribas
Maitland
HSBC
Societe Generale
Smith & Williamson
J.P.Morgan
SuMi TRUST
caceis Investor Services
InvestOne
Daiwa Securities Group

## Security Data Vendors

ICE Data Services
statpro
Bloomberg
Refinitiv

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