

Eliminate Outsourcing Risk With **Invest | Pro**[™] Fund Pricing Oversight



Regulatory
Risk



Financial
Risk



Reputational
& Brand Risk

Invest|Pro[™] is your risk control centre for outsourced functions.

Satisfy your responsibility to oversee outsourcers and
their functional processes on your data.



The **Invest|Pro™** fund price validation framework identifies exceptions, swiftly categorises and recommends corrective action according to the severity and impact of the alert. **Invest|Pro™** is your risk control centre for outsourced functions to oversee Regulatory, Financial, Reputational and Brand Risk.

Invest|Pro™ Oversight



Automation, Validation
& Exception based



Interactive Data
Visualisation



Auditability



Intuitive UX
& Scalability



Investment Mandate
Compliance

Summary functionality

- ✓ Users can “Enable” or “Disable” rules, set the rule severity, edit rule conditions to change lower-bound and upper-bound parameters, add comments to rule exceptions, update exception message.
- ✓ Analysis of exception numbers generated per rule and the rules and exception severity in real time.
- ✓ Prioritising the most impactful issues to be investigated and corrected first.
- ✓ Set to ‘stop down-stream processes’ for severe exceptions

Here are the sample datasets required for the oversight of the above exceptions and rules checks:



Valuation Results /
Cost Sheet



Fund
Cashflows



Security
Standing Data

Operating Model Tasks



Standing
Data Load

Valuation Details
& Unit Prices

Units on Issue
& Benchmarks

Independent
Market Data

Run
Validations

Escalation
& Sign-off

Pre-loaded with Numerous Best-practice Validations

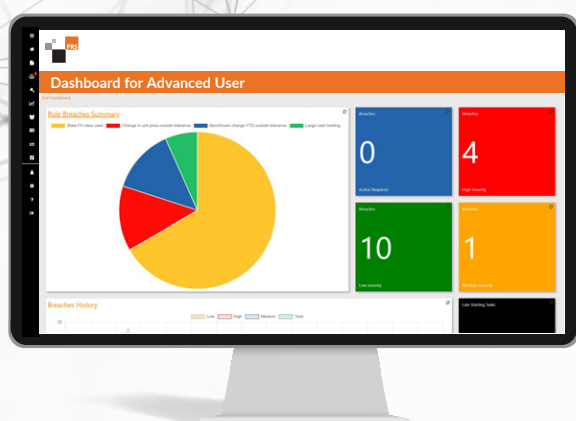
Rule Name	Rule Description
Independent Corporate Action	Checks Corporate Actions versus a third source
Stale FX rates used	Rule checks that the latest FX Rates are being used
FX Rates changed outside tolerance	Rule will alert where the FX Rates increase or decrease outside an allowable tolerance
Independent FX Rates Check	Rule checks a third party's FX Rates versus an Independent Source
Stale asset prices used	Rule checks that the latest Asset Prices are being used
Asset price changed outside tolerance	Rule will alert where the Asset Price increase or decrease outside an allowable tolerance
Independent price source Check	Rule checks a third party's Asset Price versus an Independent Source
Large unit movements	Rule will alert where a unit inflow/outflow is greater than an allowable tolerance
Large cash holding	Rule will alert where the fund is holding a large cash holding greater than allowable percentage
Large accrual holding	Rule will alert where the fund is holding a large accrual greater than allowable percentage
Independent Dividend Check	Rule checks a third party's Dividends Received versus an Independent Source
Asset holding percentages differ from mandate	Rule will alert where a Fund holds more than its target asset allocation
Change in unit price outside tolerance	Rule will alert where the Unit Price performance increases or decreases outside an allowable tolerance
Change in unit price last 30 days outside tolerance	Rule will alert where the Unit Price performance increases or decreases outside an allowable tolerance over a 30-day period
Change in unit price YTD outside tolerance	Rule will alert where the Unit Price performance increases or decreases outside an allowable tolerance over a 1-year period
Benchmark change outside tolerance	Rule will alert where the benchmark change is outside tolerance
Benchmark change last 30 days outside tolerance	Rule will alert where the benchmark change is outside tolerance over a 30-day period
Benchmark change YTD outside tolerance	Rule will alert where the benchmark change is outside tolerance over a 1-year period
NAV movement vs benchmark movement	Rule checks the Nav Movement vs Benchmark Movement
NAV movement vs benchmark movement last 30 days	Rule checks the Nav Movement vs Benchmark Movement over a 30-day period
NAV movement vs benchmark movement YTD	Rule checks the Nav Movement vs Benchmark Movement YTD
Fee accrual vs Target accrual	Rule will alert where the actual fee accrual differs from the target fee accrual

Optional Validations

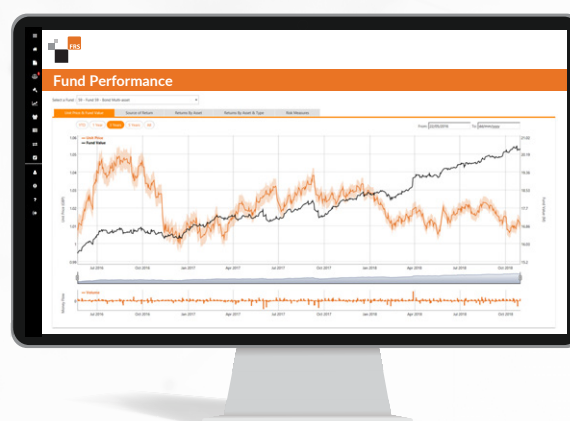
- ✔ Notional Dealing Costs
- ✔ OCF / TER and Other Fee Monitoring
- ✔ Transaction & Position Integrity
- ✔ Mandate Compliance
- ✔ Reconciliations
- ✔ Independent GAV / Security valuations (if required)
- ✔ Price Swing Monitoring

Configurable & Powerful

Dashboard



Data Visualisation



- ✓ Best of breed validation rules out of the box with easy customisation
- ✓ Low touch, highly automated and exception based
- ✓ Non technical users can easily configure and alter rules or disable rules through a rule via the user interface (UI)
- ✓ Cloud hosted or deployed



"40% of regulated firms are planning further outsourcing activity in the next 12-18 months"

CBI - Nov 2018

"82 asset management sector firms have almost 1000 outsourcing arrangements in place with the top 100 OSPs"

CBI - Nov 2018

"12 - 15% of critical or important outsourcing arrangements undertaken by regulated firms surveyed, are further outsourced to sub-contractors."

CBI - Nov 2018

- Central Bank of Ireland, Nov 2018

A recent EY survey found that less than 25 per cent of organisations are reporting third-party exceptions or incidents and significant issues to the board.

- EY, Third-party-risk-management, April 2019

To Discuss Invest|Pro™ Oversight and for a Demonstration

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FRS license its award-winning Invest|Pro™ fund administration software platform to 65 blue-chip financial services and BPO clients worldwide to administer over 150,000 funds. Founded in 1999, FRS is headquartered in Dublin and has offices in London, Hong Kong and Sydney.