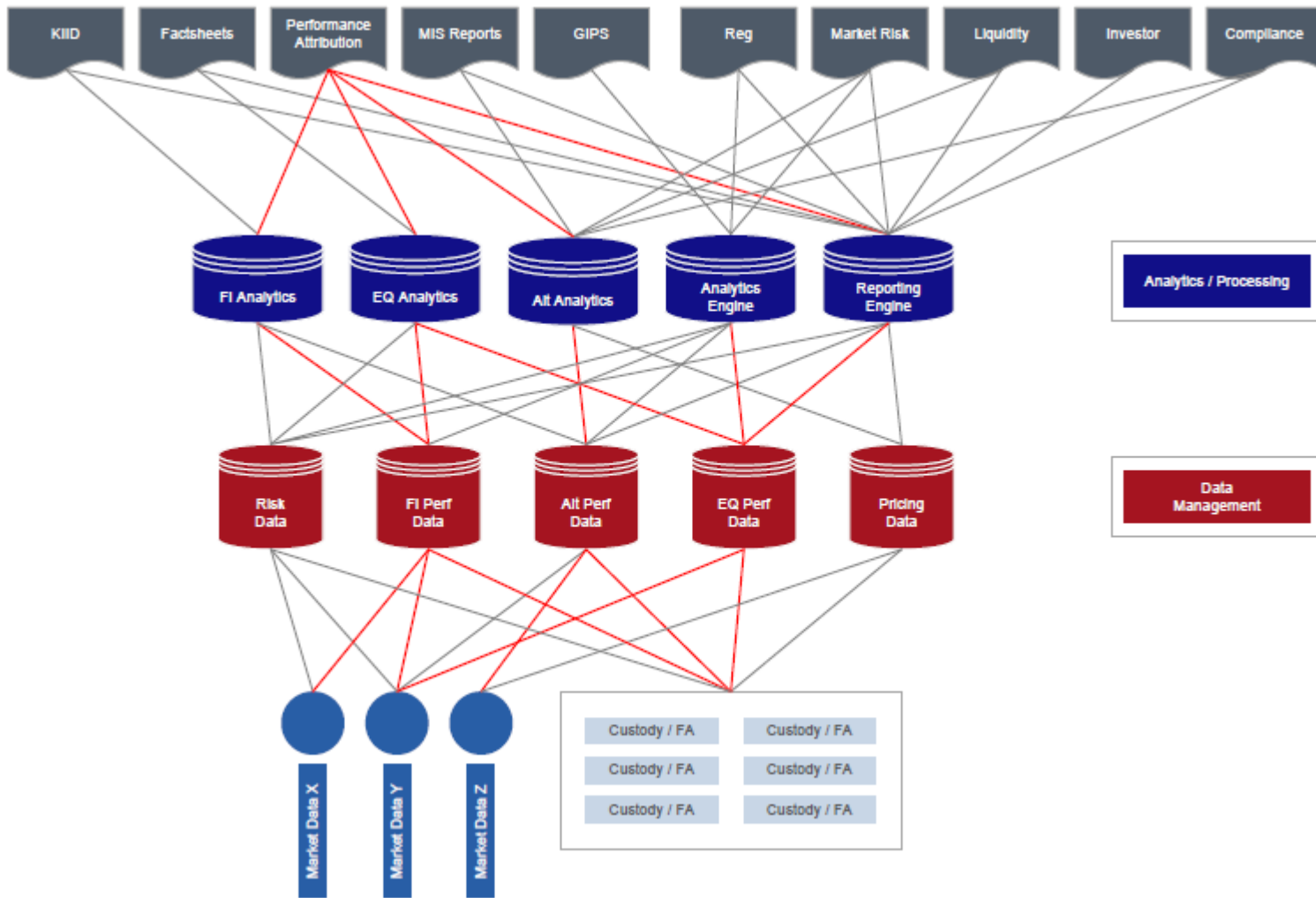


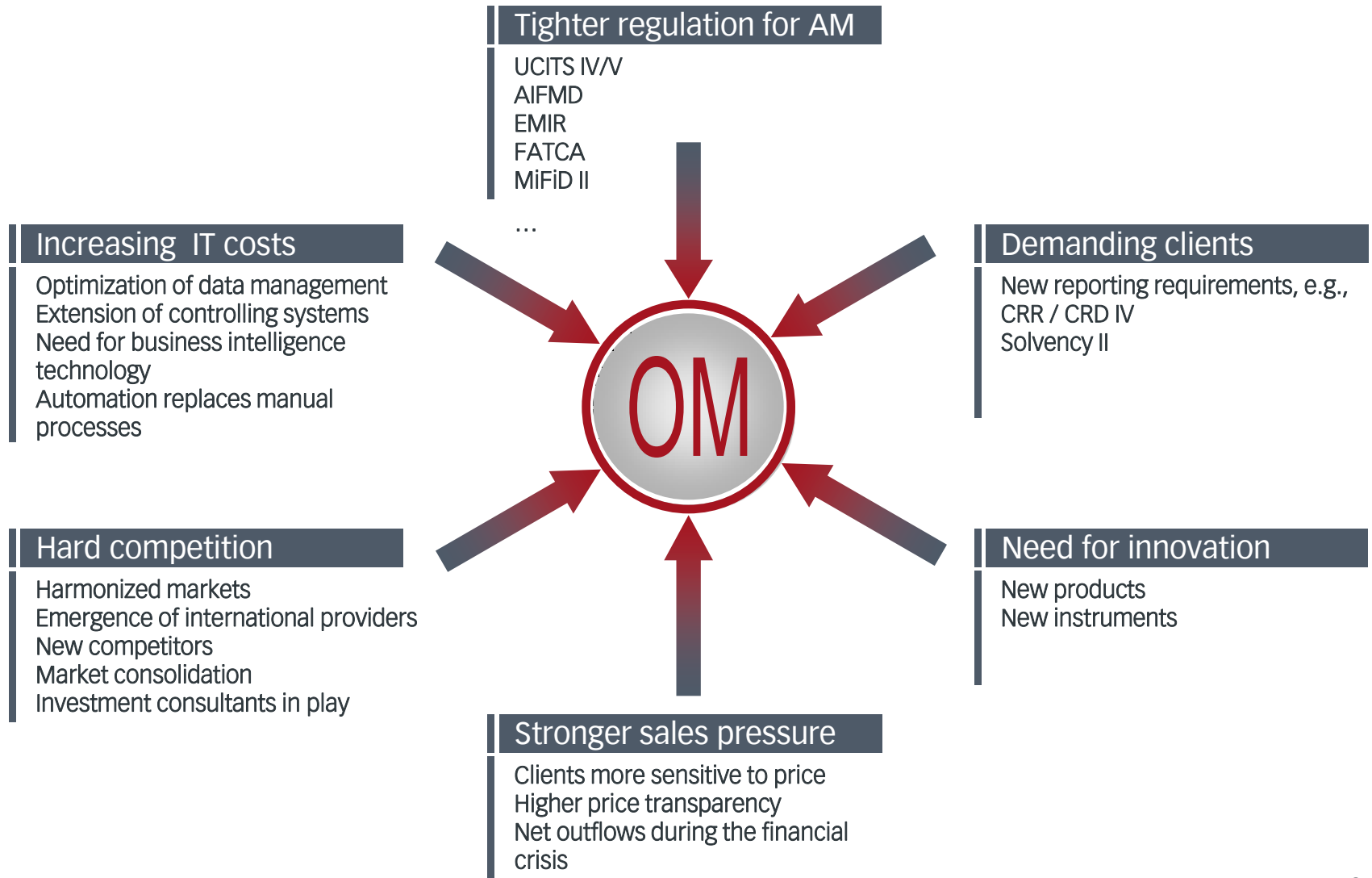
High-Quality Reports: Vision or Mission

TSAM Europe
25 March 2014

Ill-defined data management jeopardizes all subsequent analysis and reporting processes.



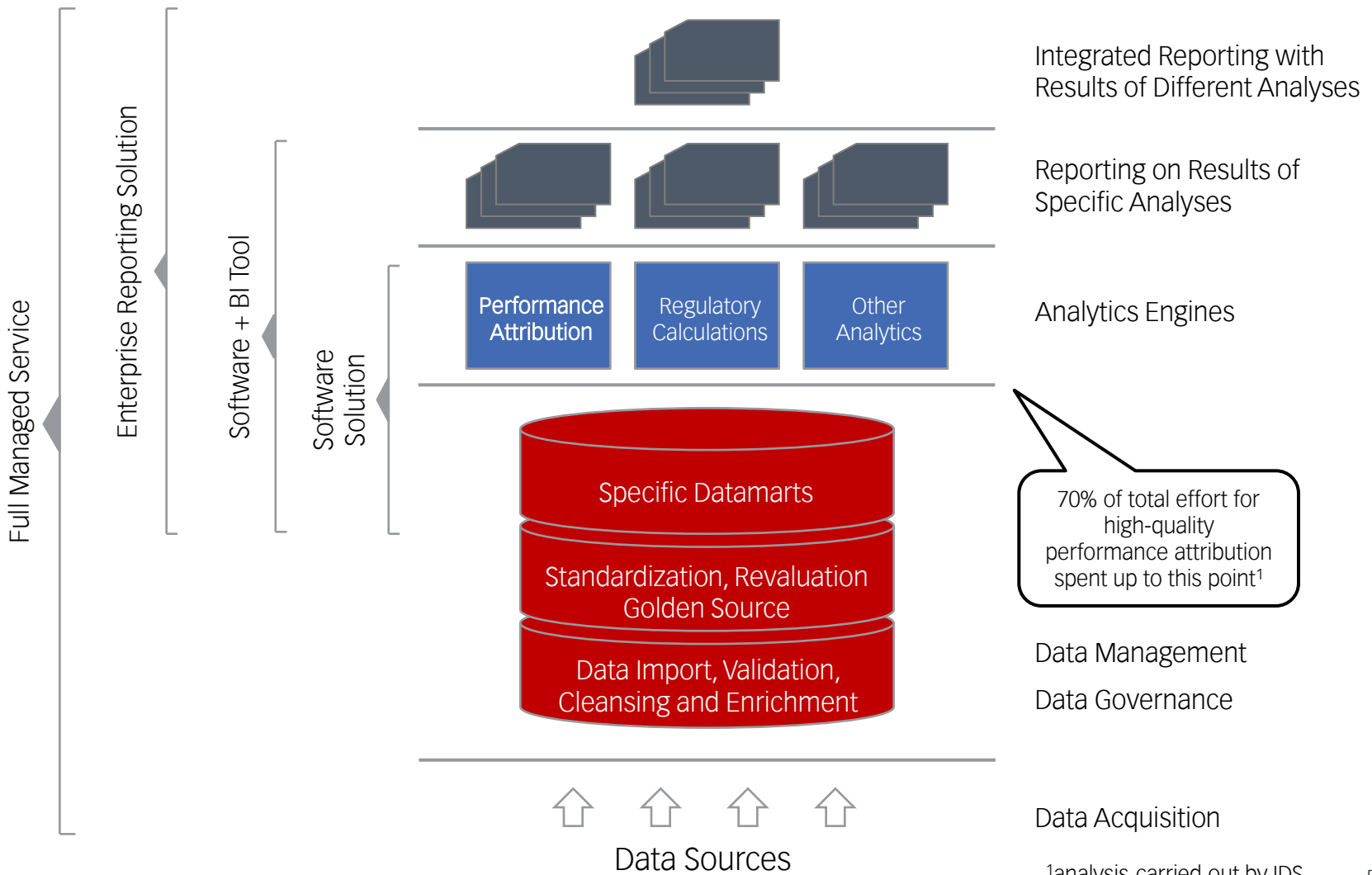
Excessive challenges require current operating models to function beyond their capabilities.



Example: Typical data quality issues in source systems for performance attribution

Error	Impact (bps)
Consistent security data, but still inconsistent cash data (check: cash reconciliation)	0 - 300 bps
Correction of Corporate Action	0-5 bps
Investment values have been converted to portfolio currency using wrong rates or have not been converted at all	0 - 200 bps
Forex are wrong	up to 30 bps
Margin payments of futures are wrong (check: lead to gain on future cash in INV-currency)	up to 30 bps
Future positions: Missing price or nominal leads to exposure not being calculated	up to 500 bps
NAV check fails	3 - 100 bps
Transactions appear twice	1 - 20 bps
Transactions have been missing (issue with positions reconciliation)	3 - 100 bps
Transaction values (Set or Market Value) are wrong	1 - 20 bps
Transactions have been sent with wrong sign (issue with positions reconciliation)	1 - 40 bps
Unknown issue with correction security	1 - 100 bps
The market value of one position is wrong (e.g. calculated using a wrong price)	1 - 20 bps
Transactions have been sent with wrong settlement currency (issue with cash reconciliation)	1 - 40 bps

The solution is a managed service platform using a vertical integration approach.



Case Study: Swisscanto required a solution to meet their high standards for performance attribution.



Swisscanto

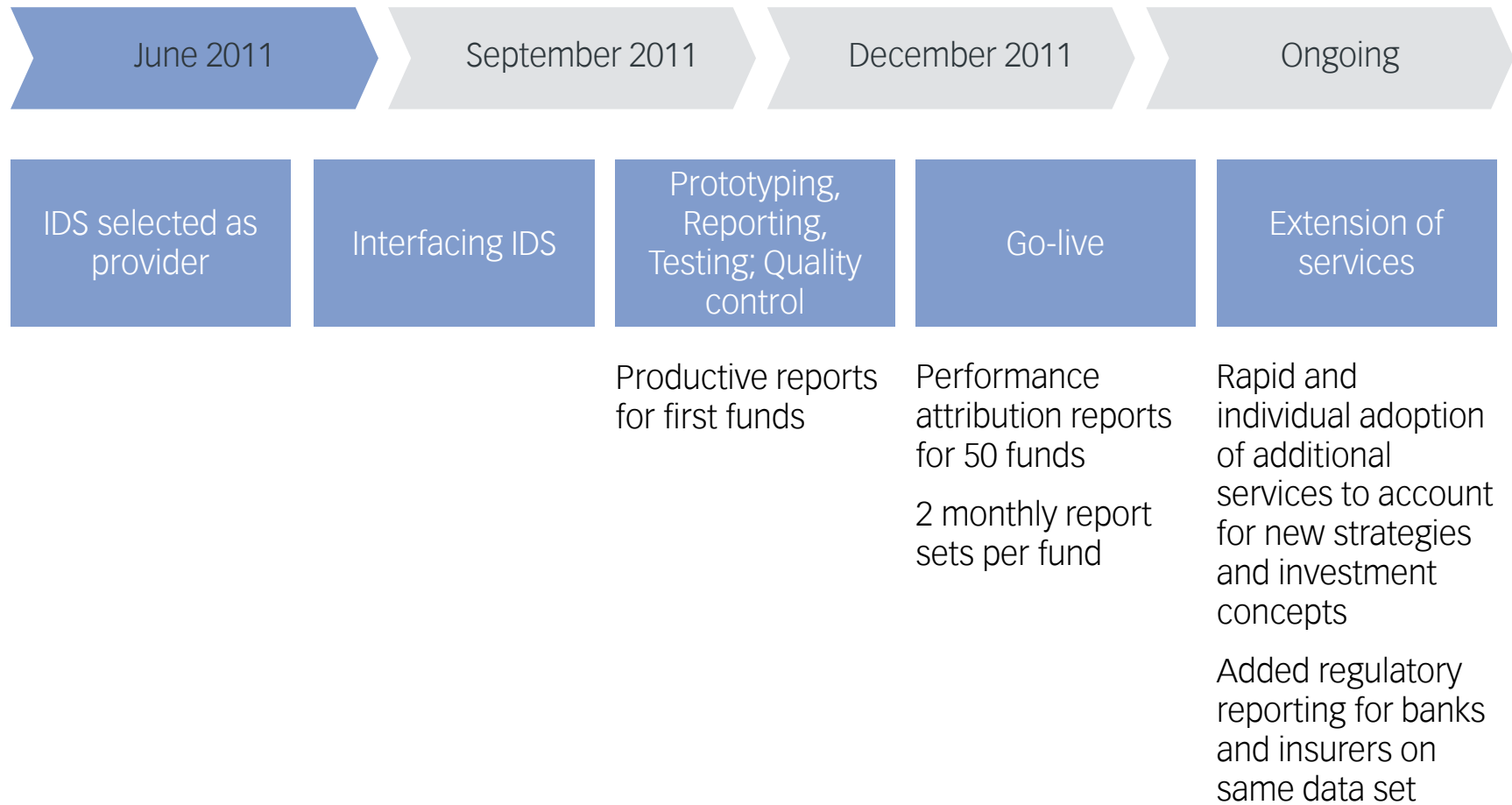
- Joint venture and asset manager of the Swiss Cantonal Banks.
- Leading investment fund provider (#4), asset manager and provider of occupational and private pensions solutions (#2) in Switzerland.
- Regularly recognized for excellence by leading national and international rating agencies for its performance as fund provider.
- AuM: 51.2 bn CHF*
- 121 investment funds

Requirements

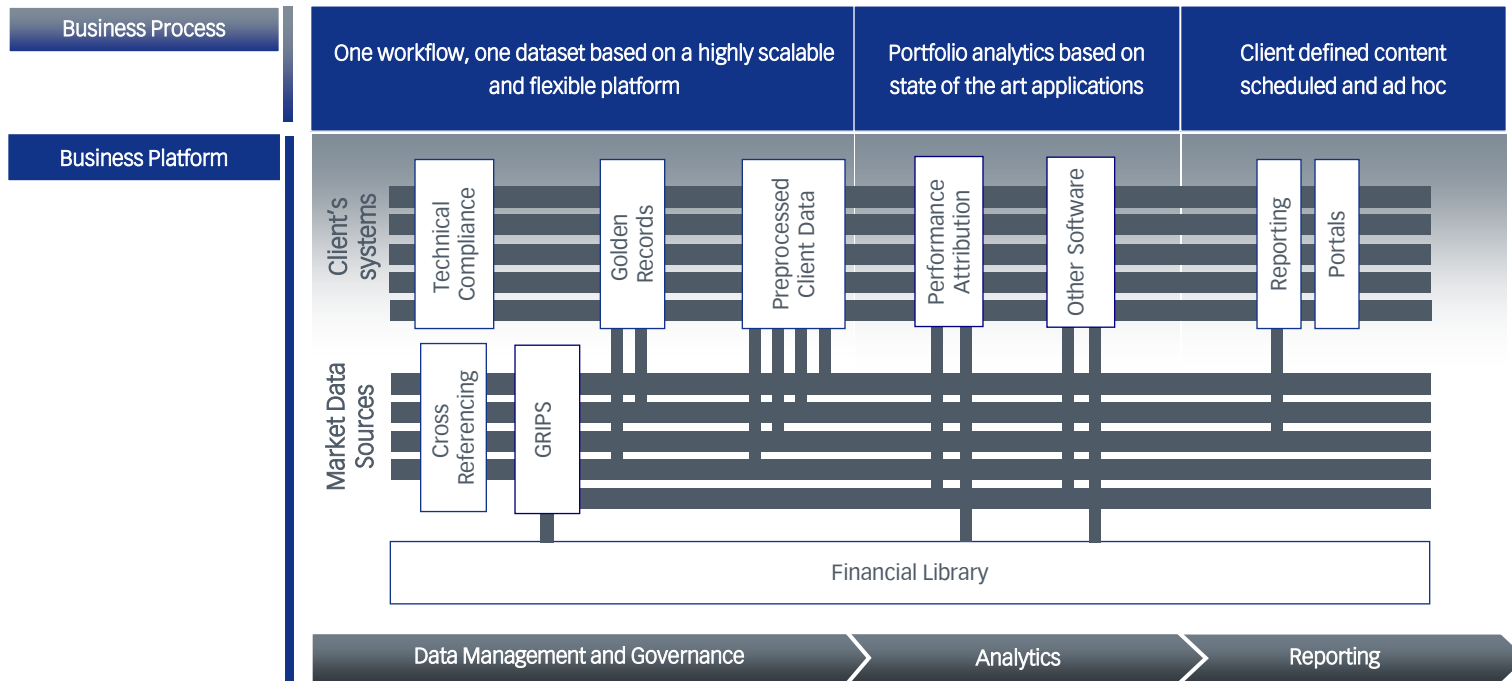
- Performance attribution reports for portfolio management and client reporting.
- Uniform decision-oriented reporting across all asset classes.
- Attribution process adapted to Swisscanto's individual investment process.
- Coverage of daily portfolio and customized benchmark data at individual position level.
- Minimize workload for data management, data enrichment and quality control.

*as at 31 December 2013

Case Study: All project goals were reached within 6 months.



Case Study: Implementation and enhancement of services was easily accomplished by IDS's operational model.



about 50 data vendors
 361 source systems
 10,400 portfolios in total
 253,000 instruments identified monthly
 26,600 reports on a monthly basis
 4.2 million instruments in data warehouse
 50 million client holdings monthly processed
 over 1,000 bn EUR assets under reporting
 (as at December 31, 2013)

Takeaways

Highly competent and service-oriented contact persons and focus on the interpretation of results.

Certified procedures, permanent quality controls, transparent processes and long-term experience in the business.

High Quality Reports
with IDS Performance
Attribution

Solid platform as a basis for quality-assured and cost-efficient improvement of services and satisfaction of future requirements.

Implementation of interfaces from various sources to a high-performance platform and capability to provide standardized and customized solutions according to current regulatory requirements.

Contacts



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