

Make everything as simple as possible but not simpler than that (Einstein).

The Problem AnlytX Solves:

The reconciliation problem between finance, risk and regulatory reports is considered the top challenge at the board level. Inconsistencies between reports often deviate the discussions which should focus on more important strategic questions.

These reports are not only often low in quality but also very expensive and usually delayed. Many reports are also too complex to understand.

Solution:

AnalytX is the next generation analytic solution for financial institution. It is based on ACTUS the forthcoming open source financial standard.

AnalytX provides all necessary reports in the area of risk, finance and the basis for the new regulation.

- *Finance:* AnalytX covers all accounting regimes such as IFRS and the different local GAAP's. Multiple balance sheets and their associated P&L's can be produced in parallel at any time. With its dynamic simulation capabilities it is the best budgeting tool conceivable. Combined with alternative market forecasts it becomes the ideal strategic planning tool. On the profitability side it supports Funds Transfer Pricing on the single contract level allowing customer, product, profit center profitability and any other grouping. It supports state of the art risk adjusted profitability.
- In the area of *Risk*, AnalytX integrates in a true fashion market, credit and operational risk. It covers all known analytic techniques such as liquidity and interest rate gap, sensitivity analysis such as Duration/Convexity, stress testing (what-if) and Monte Carlo techniques. It supports all known reports related to these techniques including for example credit exposure analysis, expected loss and Value at Risk.
- *Regulation:* AnalytX is future ready by having anticipated the trends of regulation. These trends are moving away 1) from balance sheet based to single contract based reports and 2) from essentially backwards looking balance sheet numbers (notional, market value) to forward looking cash-flow based analytics. AnalytX is based on ACTUS which is capturing the attention of regulators with increasing speed. Since the algorithmic based ACTUS standard is as unique as it is compelling, we believe that ACTUS will become the factual standard in the next five or so years.

The common underlying logic of all types of analysis and reports is the state contingent cash-flow, produce with the single, standardized and consistent cash-flow generating mechanism of ACTUS. Standard reports can be further customized with reporting tools such as Tableau.

Benefits:

AnalytX provides the single consistent infrastructure for banks and insurances which solves the reconciliation problems between risk, finance and regulation. At the root AnalytX solves the problems with a first principles approach which then leads to the simplest possible solution for each problem. This simplicity increases the analytic depth and the understanding on the management level finally leaving to better decisions.

While increasing quality it will cut cost of analysis by possibly two-thirds at the analytic level.

AnalytX is especially efficient with further huge cost savings if used in combination with SolitX, which makes data warehousing superfluous. This however is a possibility for new banks. Legacy banks will need still a solution for the data problem, which is addressed with MapX.