

CONTACT INFORMATION

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A low-angle, upward-looking photograph of several modern glass skyscrapers. The buildings are covered in reflective glass panels that mirror the sky and each other, creating a complex geometric pattern of lines and reflections. The perspective makes the buildings appear to converge towards the top of the frame.

DYNAMIC SIMULATION

STATE OF THE ART

The dynamic simulation module of Ariadne is the result of many years of experience within the financial analysis area. Most important feature is the true integration of financial, credit, strategic and operational risks.

STATIC VS. DYNAMIC SIMULATION

In static analysis an entire balance sheet, a position or a portfolio is analyzed at a given point in time under a liquidation view. No new business is taken into account. Dynamic simulation represents the going concern view where maturing financial contracts are renewed. User defined strategies on financial positions and operational cash flows define the cash-flows, balance sheets and P&L statements of future periods. Single path and multiple path budgets can be derived.

MOST IMPORTANT STEPS TO BUILD A MODEL

In our Ariadne Software we offer a modular approach for advanced analytics in:

- Market forecast: Ariadne offers multiple and efficient ways to forecast market conditions
- Financial business strategy: This is a planning tool for future balance sheets. Never has forecasting been more elegant and closely resembling reality.
- Operational strategy: Operational cash-flows can never be neglected. They are important in the banking area, more important in insurance and most important in the non-financial sector. Operational budgets are usually defined in excel, wherefore we allow importing excel-sheets with a single click.

WHAT-IF AND MONTE CARLO

Ariadne dynamic simulation can be performed under What-If (combination of different market scenarios with business strategies) or Monte Carlo. It is also possible to import externally produced Monte Carlo scenarios.

REPORTING

Any financial metrics can be reported. Standard reports are:

- Liquidity / Cash-flows
- Value (parallel computed Fair-Value, Nominal-Value and two freely definable Book-Values)
- Income



ABOUT ARIADNE

Ariadne is a new initiative in Finance and Risk Management. It is profiting from over 100 combined years of successful entrepreneurial and academic experience of our Ariadne founding partners. Our team combines a unique combination of skills and experience in financial and enterprise risk management, risk software development, finance and risk consulting.

Ariadne was initiated by Willi Brammertz, the lead author of "Unified Financial Analysis". Financial experts consider Willi Brammertz to be the driving force pushing the edges of financial analytics and leading the industry forward.

GENERAL INFORMATION

Founder

Dr. Willi Brammertz

Area of Expertise

Risk Management Consulting
Risk Management Software
Data Standardisation

