

# Abacus360 Banking – Designer Tools

Calculation Designer, Data Model Designer & Template Designer

# How we can support banks to overcome challenges with our Abacus360 Designer Tools

## Motivation

Bank's challenges

### REGULATION

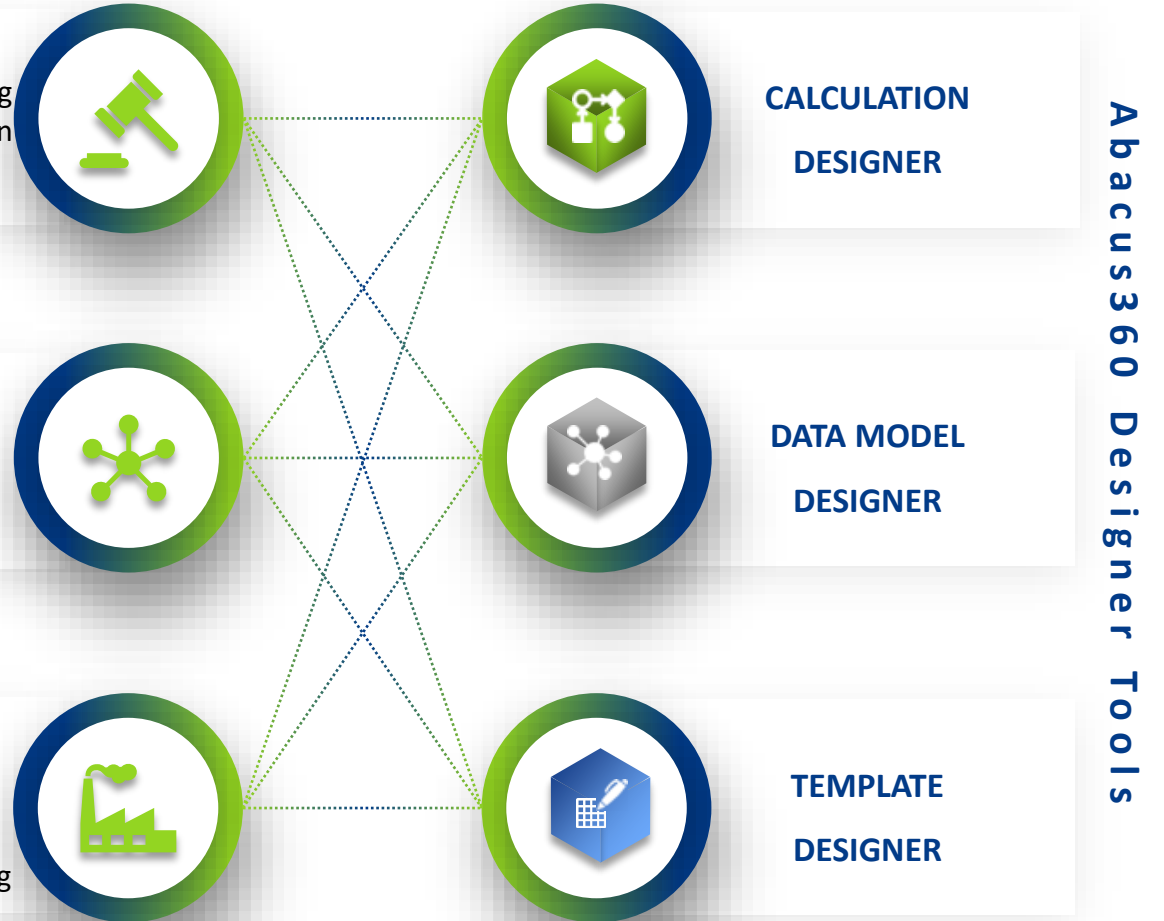
- Heighted expectations for data capturing, governance, analysis, reporting
- Evolving regulatory requirements for recording and reporting information such as ad hoc inquiries and fire drills
- Increasing dependencies between different types of reports

### BUSINESS MODEL

- Using regulatory reporting figures for risk decision making
- Task-sharing between risk management function, finance and strategy

### INDUSTRIALIZATION

- Competition to meet increased automation
- Cost-cutting environment
- Large financial and reputational impact associated to regulatory reporting



# Calculation Designer

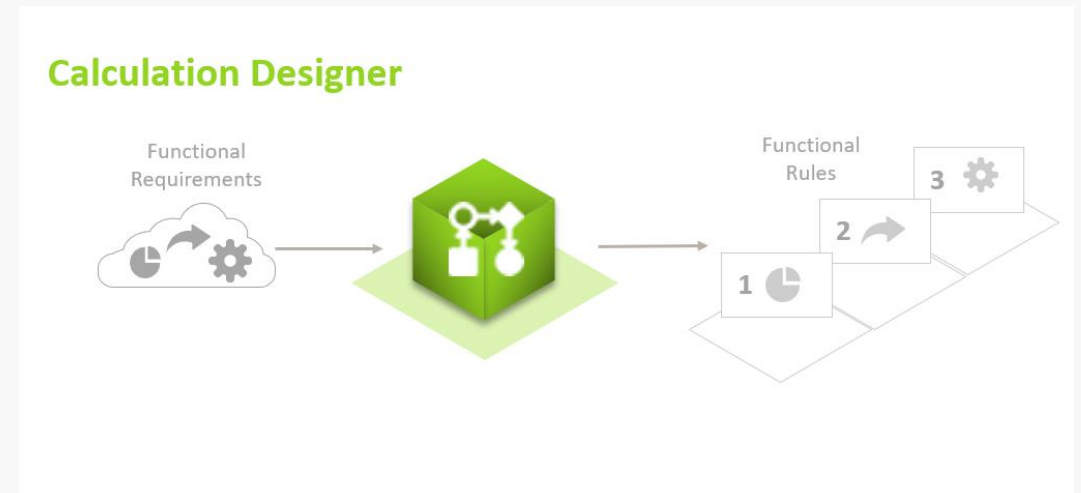
Create and manage custom calculation rules

## Functionalities

- Create, alter and/or remove custom business logic through functions and/or decision tables
- Versioning and historization of custom changes independent of standard content
- Import of required/relevant and already existing data from the Abacus360 Banking standard entities
- Designer functionalities integrated into the Abacus360 Banking user interface
- Embedded documentation

## Sample use cases

- Implementation of additional/custom data quality checks and/or validation rules
- Extension of the standard calculations to satisfy extended reporting requirements (e.g., internal management reporting, external ad-hoc requests, build rules for simulations)
- Building ETL functionalities



# Data Model Designer

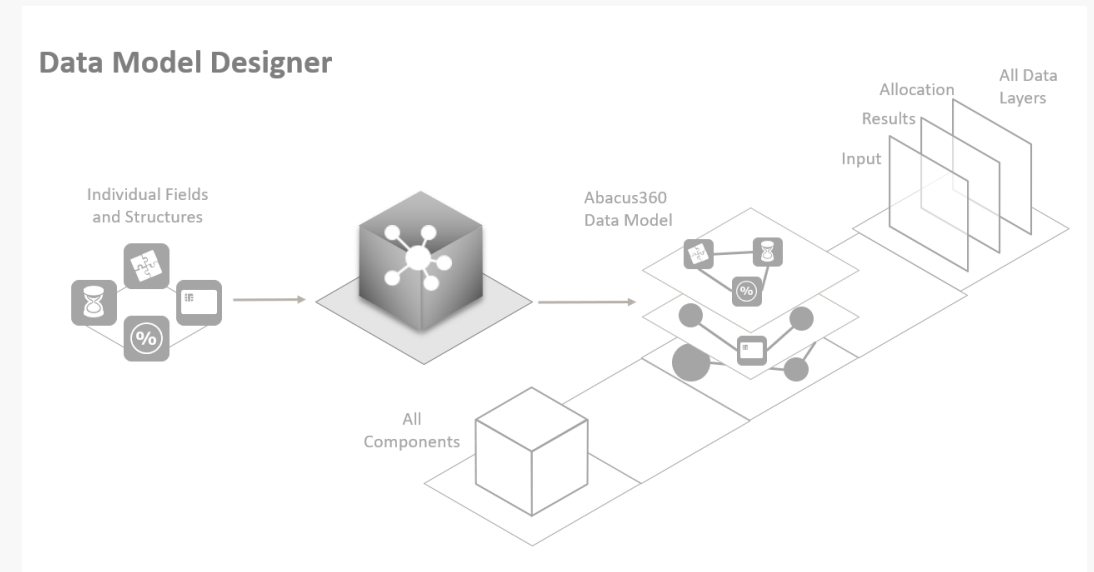
A graphical interface for creating data model elements

## Functionalities

- Create own data model structures via a graphical interface embedded into the Abacus360 Banking GUI
- Design new entities, references, fields and domains
- Versioning and historization of any custom changes
- Embedded documentation.

## Sample use cases

- Implementation of bank's own data model for the integration of the extract, transform load (ETL) process into Abacus360 Banking
- Extension of the standard data model by new entities to satisfy reporting purposes beyond regulatory reporting.



# Template Designer

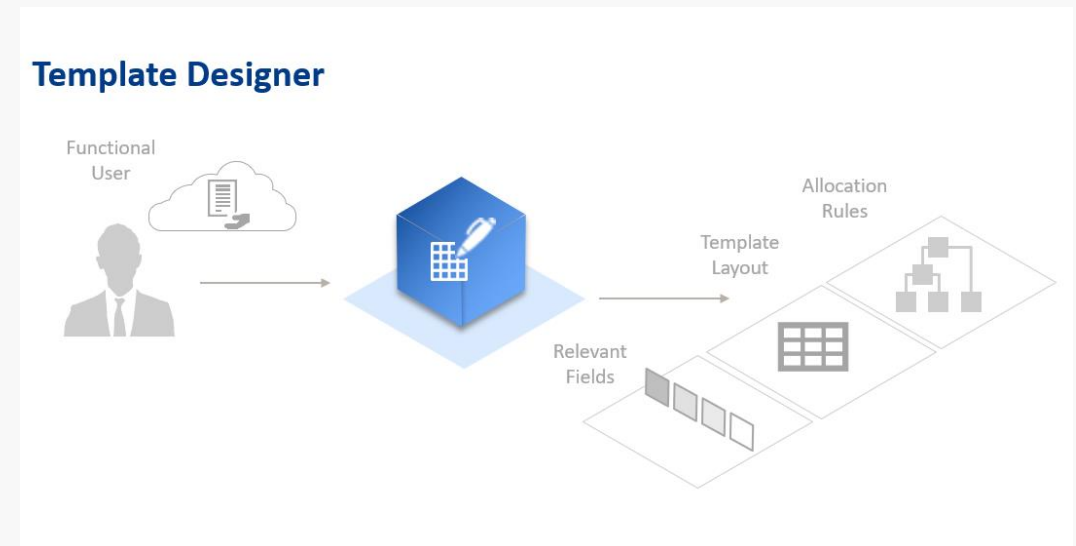
Designing and allocating custom report templates based on data available within the Abacus360 data base

## Functionalities

- Create own report templates, reporting modules and menu entries
- User interface similar to MS Excel (allowing for using existing Excel templates as a model up to complete own designs)
- Embedded MS Excel functionalities (e.g., standard calculations, cell formatting/highlighting)
- Free definition of allocation rules
- Versioning and historization of made changes
- Embedded documentation.

## Sample use cases

- Internal (risk, management) reporting
- External ad hoc reporting
- Validation and reconciliation



# Data Management & Reporting Purposes

## ETL

- Design bank's own data model(s)
- Create transformation rules from bank's data model to Abacus360 Banking unique data model
- Transform bank's data into Abacus360 Banking requirements

## VALIDATION & RECONCILIATION

- Enhance transparency on data quality issues by designing custom validation rules
- Reconcile data from different sources



## INTERNAL REPORTING

- Make use of detailed Abacus data for risk reporting
- Benefit from the granular data for management reporting

## EXTERNAL REPORTING

- Respond to ad hoc requests
- Use Abacus data for fire drills

# Selection of exemplary use cases

And minimum combination of Designer Tools required for implementation

## RWA Overview

Report summarizing the RWA-contribution and capital requirement per asset class.



## RWA Evolution

Comparison of RWA across multiple periods with custom breakdowns.



## Reconciliation (GL vs. SL)

Based on complete delivery of all general and subledger accounts reconciliation of dedicated amounts and highlighting (major) differences.



## Custom Validation Rules

Add customer specific consistency checks on granular data and validation rules on report data level, allowing for extended monitoring of data quality.



## Internal Reporting

Effectively use granular data available within the Abacus360 database to create internal (management and/or risk) reports.



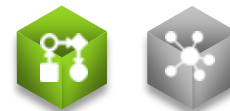
## Extended External Reporting

Based on data that is available within the Abacus360 data base, responding to recurring ad hoc reporting requests from Regulators (e.g. STE, QIS).



## ETL

Mirroring the institutions specific data model and transform data into the Abacus360 standard data model.



Calculation Designer



Data Model Designer



Template Designer



# Benefits of the Abacus360 Banking Designer Tools

With the Abacus360 Designers, clients have the possibility to extend the standard content delivered by BearingPoint RegTech with individual content...

01

...to respond to external and/or internal requirements.

02

...using the stable and reliable tools used by the Abacus360 Banking development team.

03

...leveraging the existing Abacus360 Banking execution framework with all core functionality (e.g., audit-proof changes).

04

...re-using existing data and functionality.

**...and therewith in a cost-efficient and fast time-to-market way.**





# Would you like to know more?

Please reach out for more information tailored to your needs.

✉ [regtech@bearingpoint.com](mailto:regtech@bearingpoint.com)

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