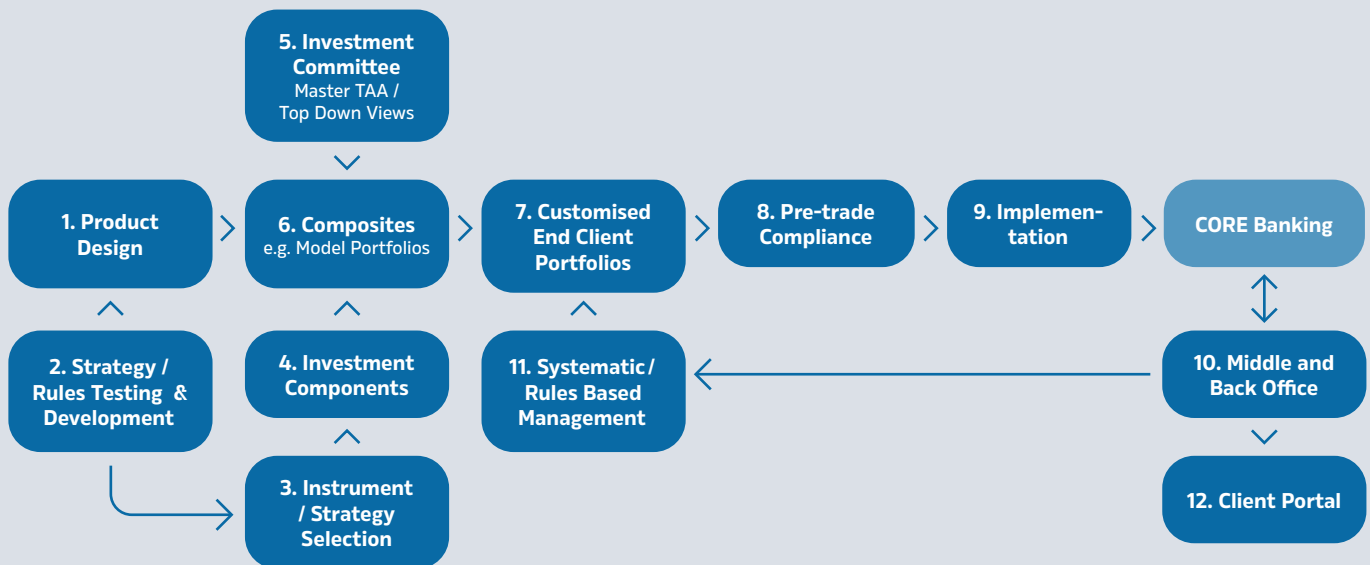


# Tindeco VISION: out of the box Digitalisation for Wealth Managers!

Tindeco VISION provides you with a complete, highly flexible framework to efficiently design and implement your unique investment process. VISION supports you to design and manage products/portfolios of all kinds and enables you to provide the customisation that your clients deserve. If you choose to design systematic portfolios, VISION is the only platform capable of helping you to construct optimal rules-based portfolios and implement them in a highly automated manner.

## VISION Stylised Investment Process

A set of generic functionalities capable of supporting the implementation of almost any investment process



## Tindeco VISION Cloud – API Layer



# The VISION Stylised Investment Process

## 1. Product Design

Investment managers can use VISION to design new portfolios and products using a systematic and modular approach. Optimal portfolio composite benchmarks can be determined using our three main VISION Investments engines a) backtesting b) forward looking simulation and c) optimisation. The portfolio definitions will provide target optimal allocations to asset classes, factors, themes and / or strategies as well permitted bandwidths and other restrictions to control risk and ensure compliance. A wide variety of investment objectives and limits are supported.

## 2. Strategy / Rules Testing & Development

Managers can design and test systematic investment and hedging strategies.

## 3. Instrument / Strategy Selection

Instrument and / or strategy selection can be done by the managers' research analysts or on the basis of quantitative models (strategies).

## 4. Investment Components

Building blocks / investment components can be created based upon asset classes, factors, themes or systematic strategies.

## 5. Investment Committee

An Investment Committee can provide a Tactical Asset Allocation for a Master Portfolio.

## 6. Composites

This TAA can then be applied to each composite in a consistent manner. This provides target allocations for each component – resulting in a diversified instrument-level composite product or model portfolio.

## 7. Customised End Client Portfolios

Each composite product / model portfolio can then be further customised using a variety of systematic approaches to meet specific end-client criteria. Processing of mass customised rebalancing is facilitated by VISION's elastic cloud computing capabilities.

## 8. Pre-trade Compliance

Any orders to be implemented can be simulated and pre-trade checks can be performed to ensure compliance with regulatory (e.g. MiFID and FIDLEG), investment and risk guidelines. (These guidelines would have been observed in constructing the composites and models as well as during any customisations but are checked again immediately prior to execution.)

## 9. Implementation

Once final approvals are given, the orders are sent to marketplaces for execution after aggregating where appropriate. Orders may also be routed to the prevailing OMS or core banking system where this makes sense. Trades based upon block orders can be split and allocated to the proper accounts.

## 10. Middle and Back Office

When transactions are booked into a core banking or an enterprise data management system they can be retrieved and a reconciliation can be performed. Overnight processes can ensure regulatory, investment and risk compliance. Reports can be prepared and sent to preconfigured user lists on an automatic basis to support the controlling and audit functions.

## 11. Systematic / Rules Based Management

Portfolios which have been constructed with systematic elements / rules (workflows, strategies etc.) will be monitored within the system and proposed orders will be generated according to the rules. These orders will be passed to the portfolio managers for initial review and approval before being sent further for pre-trade compliance and then execution. This provides a high degree of automation.

## 12. Client Portal

Information about the portfolio can be provided to a client portal where clients can view reports and interactively analyse their accounts.