CORYX iO
EMERALD

Strong Partner, Smart Software:

Your Asset in Investment Management

Full Feature List

CORYX iO Emerald: Experience the clarity, security and performance power of a new generation

CORYX iO Emerald –
The finance platform
for Family Offices

Experience a software optimised for family offices that allows you to keep full control and overview without having to compromise in terms of performance and flexibility.

Thanks to our years of experience as a partner of the financial sector we understand the challenges family offices meet in asset and wealth management. With **CORYX iO Emerald**, we created a software for family offices that allows you to face these challenges with flexibility, so that you can run your business more efficiently.

→ **High-level transparency for all relevant developments**

→ **Large range of flexibility while sustaining maximum security**

→ **Intuitive monitoring and overviews**

Your Business-Features

The Business Features of **CORYX iO Emerald** are designed to turn your input into maximum output. Overview, security, efficiency and workflows that match your needs make this asset management software the dependable and powerful solution on your road to success. Let us introduce you to some of the functional highlights of the **CORYX iO Emerald** platform for digital wealth management.

→ **Detailed and fully automated reports and report folders**

→ **Tabular evaluations**

→ **Alarms for loss thresholds, investment guidelines and course qualities**

→ **MiFID II-compliant**
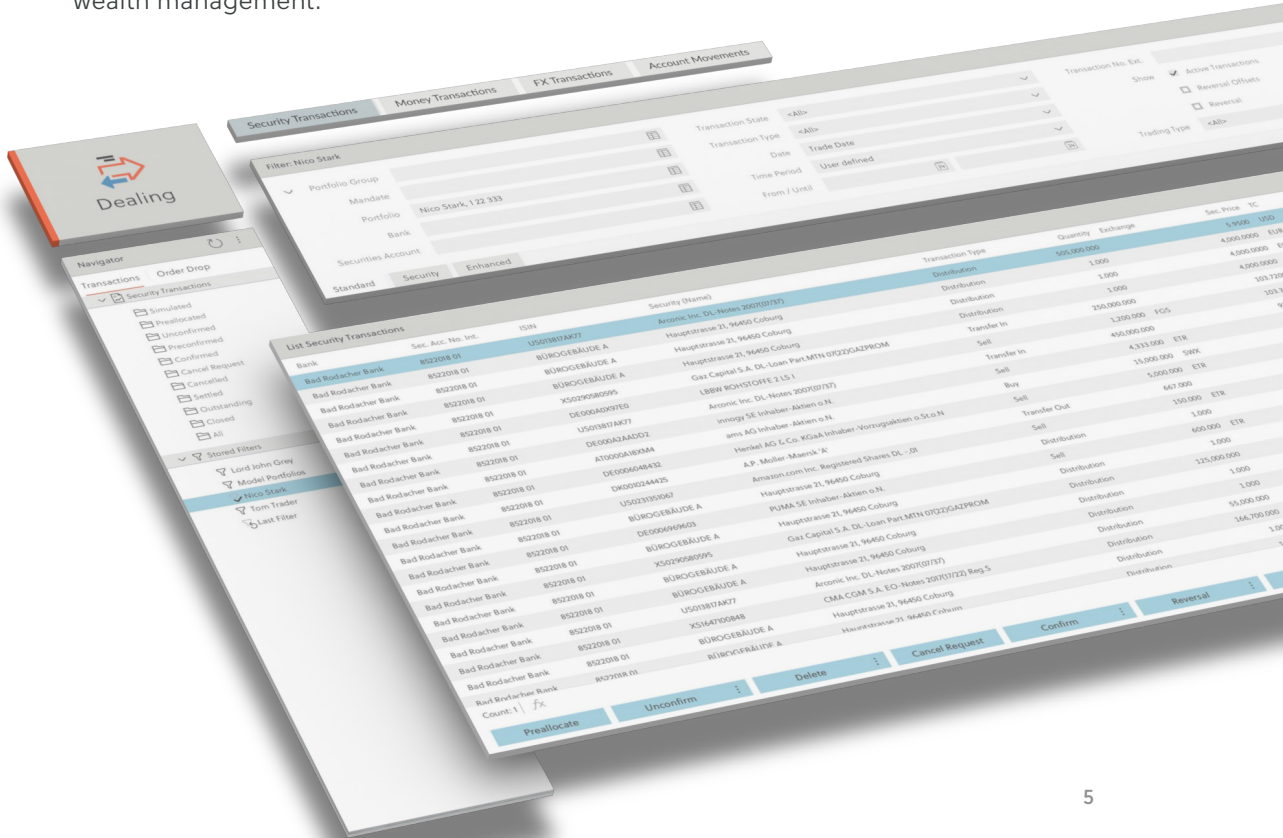
Business-Features:
Operations

In large and complex assets, illiquid or alternative investments often make up the most significant share. With **CORYX iO Emerald**, we provide you with the tools for strategy, management and conscientious control. Make the opportunities and risks of liquid and illiquid assets comprehensively transparent and quantify them in reliable key figures.

→ **Real estate**

→ **Investments**

→ **Insurances**

→ **Rare Collectibles**
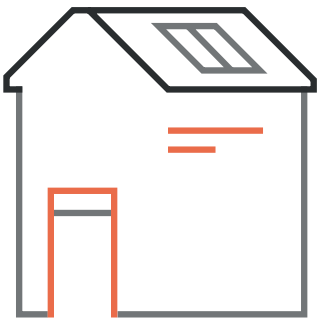
→ **Commodities**

BANKABLE ASSETS

Securities

Transactions for all types of assets and derivatives will be booked as an order. Statements, income postings and repayments complement the range of features.

BANKABLE ASSETS

Financial Investments

Term deposits, overnight money and loans can be processed. The repayment and interest run are supported by a workflow.

BANKABLE ASSETS

FX Transactions

Forex can be converted and forward FX transactions can be processed. A workflow facilitates the repayment.

Business-Features:
Capital Measures

ORDER MANAGEMENT

Capital measures are carried out under consideration of tax and portfolio management aspects and shown respectively in reports and analysis.

Financial
Accounting Export

FINANCIAL ACCOUNTING

For portfolio management systems, the downstream processing of their transaction data in a financial accounting system is indispensable. With the „Financial Accounting Export" function, CORYX iO offers an automated interface with posting rules for exporting all CORYX iO business transactions. The export data can be generated manually, automatically (e.g. overnight) or ad hoc immediately after the transaction entry. When generating data, you can choose between the practical .csv and .xls formats.

Free mappings allow the export to be applied to any financial accounting target schema. Further major advantages are: Cost efficiency through process automatisation and low-maintenance handling when changing the target schema, while at the same time ensuring the existing data quality, thanks to the standardised CORYX iO booking rules.

Business-Features:
Reports

35 Default Reports

As a software for financial analysis, **CORYX iO Emerald** offers extensive features for displaying and analysing your transactions. Your time spent will be minimised whilst your freedom of choice will be maximised. Thanks to **CORYX iO Emerald** you can view the status of your portfolios in real time.

Transaction Costs

With transaction lists, you can view and generate reports on cost and fee statements as well as revenue and fee summaries. In the report manager, parameters and filters can be set in order to create a detailed analysis tailored to your needs.

Report Folders

Report folders – something that was time consuming and complex in its administration until now? With the **CORYX iO Emerald**-Manager, you receive fully automated and customised reports.

Views

Visualise your data individually with the views manager. With just one click you can go from a summary of your portfolio to the detailed information behind it. Analyse and navigate top-down to single transactions, even for mandates or negative requests.

Business-Features:
Customer Investment Analysis

DASHBOARD

Customer Investment Analysis is a modern business intelligence solution (BI solution) in the form of a freely c onfigurable dashboard.

This dashboards deliver a detailed 360° view of the overall assets. They structure assets with attractive graphics and are very intuitive in their operation.

With just a few clicks or drag-and-drop operations users discover the entire data wealth of individual portfolios. Grouping financial instruments into a new view or moving from aggregated values to individual values has never been so easy and fast.
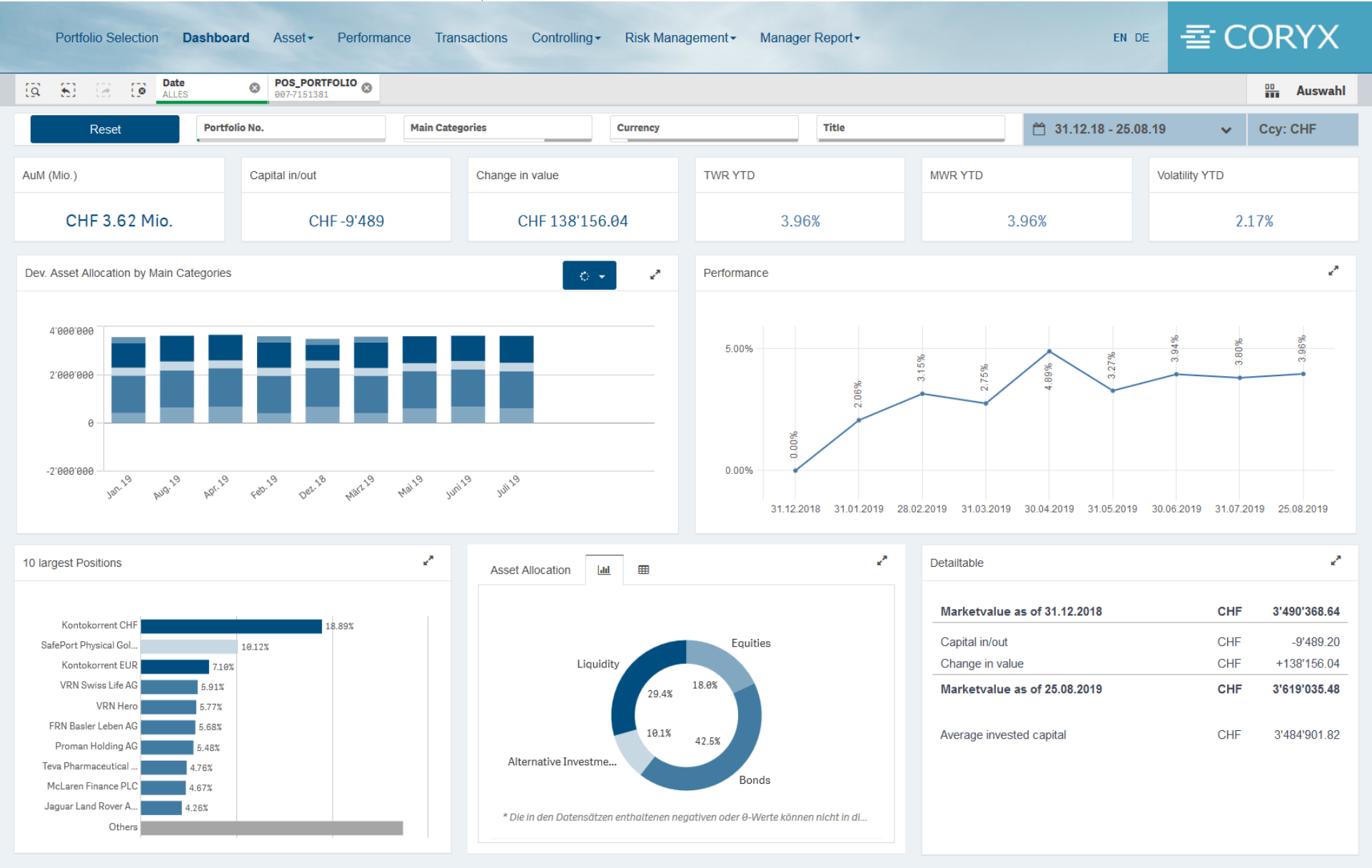
Your Admin-Features

The Admin module provides all the functions needed to adapt the CORYX iO family office software to your specific requirements when dealing with banks and currencies. Some of the highlights are the software's cross-cutting function and auditing capabilities.

→ **Essential cross-sectional functions for data access, system and security**

→ **Multi-client capability, multibanking**

→ **User-friendly administration of access rights and permissions**

→ **Cross-client administration with CAT (CORYX Administrator Tool)**

Cross-sectional Functions

Extend your CORYX iO administratively with functions such as multi-client capability, multibanking, multi-currency or multi-lingualism. Technical historisation ensures that the system can be audited.

Access Rights

Organise user-friendly data-based access rights and function authorisations with read, create, change, and delete in authorisation groups. With authorisations at attribute level, for example, you have the prerequisites for the 4-eyes-principle.

Language

Data and reports are collected and generated in German. English, French and other languages are optionally available for your product at any time.

Tools

With our CAT (CORYX iO Administrator Tool), clients can be administered, from licensing to various authorisations to the menus for reports and views. Copy functions and a wizard make it easier to set up new clients.

Admin-Features:
System Administration

Multi-banking

CORYX iO Emerald offers a multi-banking solution. If you manage several accounts at different banks, you can consolidate them for the purpose of your analyses.

Multi-currency

Portfolios and securities can be managed in currencies that differ from their system currency. Another add-on is that you can change the base currency and create respective reports. Furthermore, our software supports double currency and currency conversion.

Auditing Capabilities

SECURITY

As an additional safety feature, **CORYX iO Emerald** meets the requirements of auditable archiving the master data and transactions. Every event regarding the data sets is documented – from entry to editing to deletion. In times of increasing data protection requirements, the functions work in the background and can only be accessed through separate authorisation.

Your Tech-Features

The family office software solution are designed to offer you the best service possible when it comes to tech functions. As Application Service Provider, CORYX offers you the opportunity to outsource your work processes and enjoy the advantages of digital wealth management. Migration and integration of your data is part of the installation of the software. You can rely on our technology, while our Help Desk makes sure that you receive all the support you need.

→ **Technical documentation and training documents**

→ **Service for installation, customising and support**

→ **Router and scheduler for integration into in-house or external systems**

→ **RMI or RESTful API as interface for your application programming**

Tools

The CORYX iO-Router imports your data with default or individual formats. Supplemented by the CORYX iO-Scheduler, tasks are started time-controlled.

Integration Capability & Interoperability

In a complex environment, software must be integrated and be able to communicate with other systems. In CORYX iO, RMI and RESTful API ensure these processes as default or adapted to your environment.

Architecture

Windows, Mac, Linux or Solaris, Open Source or Ready for... Oracle WebLogic. The architecture implemented in CORYX iO can serve family offices, or act as a distributed system as required in banks. Open scalability & high performance, reliability & high availability are also features from which our customers benefit.

Service

We support you with the migration and integration of the software, assist you with workflow and process optimisations and offer the possibility of hosting as an Application Service Provider. In addition, you will receive comprehensive support and training from us.

Tech-Features:
Service

Hosting

We are your Application Service Provider. Save on acquisition costs for hardware and licenses – rely on state-of-the-art IT security and benefit from high availability and monitoring around the clock. We take care of the hosting, so that you can save money and gain time for your clients.

CUSTOMISING

Workflow & Process Optimisation

Together we analyse your workflow and processes, and adapt them, if necessary, to allow for increased productivity and efficiency.

SUPPORT

Help Desk

Thanks to our help desk you have permanent access to our reliable and professional support – should you ever need it.

CORYX iO:
The freedom
to shape success
individually

Build your unique
CORYX iO Emerald platform
in just a few steps

The idea

With CORYX iO, we pursue one goal: to create a product that gives you the freedom to shape your success as individually as possible. On the one hand, we set ourselves the priority of offering you a software solution that is optimally tailored to your area of work: the extensive functions of **CORYX iO Emerald** thus precisely serve the processes and requirements of family offices.

On the other hand, our many years of experience in the financial sector have shown that work processes vary from office to office. This observation led to the idea of giving our customers the freedom to adapt our software to their individual requirements with just a few clicks. Individuality is not about following complex processes – it is about being effective in pursuing your own goals.

Our Execution

CORYX iO Emerald is a software solution that was specifically designed for the work processes of family offices. In order to meet your individual requirements and to design your workflow as freely as possible, we offer you the possibility to add numerous functions to **CORYX iO Emerald** – or to remove functions that you do not need from your product.

Simply click on the desired or unwanted functions in the „Product Customisation" section on our website. All functions of CORYX iO are clearly divided into three modules: BUSINESS, TECH and ADMIN. In this way, you can optionally compile the software already tailored to your needs in just a few steps according to your own wishes.

Your Benefit

A software solution should adapt to your work processes, not vice versa. Your benefit is obvious: the freedom to design your success efficiently and individually. Take advantage of the possibility to individualise **CORYX iO Emerald** according to your requirements by adding

or removing functions via a simple click. As a result you gain a platform that generates the necessary flexibility and room for manoeuvre for creating maximum output of your valuable input.

**https://coryx.com/en/productportfolio/
customise-your-product/#preset=familyOffice**

BUSINESS-FEATURES

Extend your business module with features from the areas of Order Management, Risk Monitoring and Analysis. The features highlighted in blue are already in your basic selection.

BUSINESS\ TASK MANAGEMENT

SECURITIES INSTRUMENT TYPE	SECURITIES INSTRUMENT TYPE	SECURITIES TRANSACTION TYPES	SECURITIES TRANSACTION TYPES	SECURITIES TRANSACTION TYPES	SECURITIES TRADING TYPE
Equities, Bonds, Funds...	Derivates	Buy & Sell	Transfer in & Transfer out	Income Components, Repayments	Single Order
SECURITIES TRADING TYPE	SECURITIES TRADING TYPE	SECURITIES WORKFLOW	SECURITIES QUALITY	SECURITIES TRANSACTION STATE	SECURITIES WORKFLOW
Collective Order	Block Order	4-Eyes-Principle	MiFID II-compliant	Simulation	Transaction Upload
+	+	+		+	—
SECURITIES BACKOFFICE	FINANCIAL INVESTMENTS INSTRUMENT TYPE	FINANCIAL INVESTMENTS INSTRUMENT TYPE	FINANCIAL INVESTMENTS INSTRUMENT TYPE	FINANCIAL INVESTMENTS TRANSACTION TYPES	FINANCIAL INVESTMENTS TRADING TYPE
Corporate Actions	Term Deposit	Overnight Money	Loan	Investment & Repayment	Single Order
—	—	—	—	—	—
FINANCIAL INVESTMENTS TRADING TYPE	FINANCIAL INVESTMENTS WORKFLOW	FX TRANSACTIONS INSTRUMENT TYPE	FX TRANSACTIONS INSTRUMENT TYPE	FX TRANSACTIONS TRANSACTION TYPES	FX TRANSACTIONS TRADING TYPE
Collective Order	Interest Run	FX Spot Transaction	Forward FX Transaction	Order & Repayment	Single Order
+	—	—	—	—	—
FX TRANSACTIONS TRADING TYPE	ACCOUNT MOVEMENTS TRANSACTION TYPES	ACCOUNT MOVEMENTS TRANSACTION TYPES	ACCOUNT MOVEMENTS WORKFLOW	ACCOUNT MOVEMENTS WORKFLOW	
Collective Order	Performance neutral	Performance effective	SEPA	Interest Run	
+			+	—	

BUSINESS-FEATURES

BUSINESS\ ILLIQUID ASSETS

ALTERNATIVE ASSETS ASSET CLASS	ALTERNATIVE ASSETS ASSET CLASS	ALTERNATIVE ASSETS ASSET CLASS	ALTERNATIVE ASSETS ASSET CLASS	ALTERNATIVE ASSETS ASSET CLASS
Real estate	Investments	Insurances	Collections	Commodities
—	—	—	—	—

BUSINESS\ FINANCIAL ACCOUNTING

DATA EXPORT POSTING RULES	DATA EXPORT SCHEMA	DATA EXPORT SCHEMA
Export Interface	Datev	Others, Customising
—	+	+

BUSINESS\ RISK MONITORING

ASSET ALLOCATION ALLOCATION STRUCTURE	ASSET ALLOCATION ALLOCATION STRUCTURE	ASSET ALLOCATION ALLOCATION STRUCTURE	ASSET ALLOCATION ALLOCATION STRUCTURE	ASSET ALLOCATION ALLOCATION STRUCTURE	ASSET ALLOCATION ALLOCATION STRUCTURE
n-level	static & dynamic	tactical & strategical	individual	Constraints	Exclusion List
+	+	+	+	+	+
REBALANCING ANALYSIS	REBALANCING WORKFLOW	REBALANCING WORKFLOW	ALERTS PERFORMANCE	ALERTS ASSET	ALERTS SECURITIES
ex ante & ex post	Manual Rebalancing	Fully Automated Rebalancing	Threshold check	Investment Guidelines Evaluation	Price & Rating
+	+	+	+	+	+

BUSINESS-FEATURES

BUSINESS\ ANALYSES

REPORTS DEFAULT	ASSET ALLOCATION FUNDS	REPORTS ASSET MANAGEMENT	REPORTS FUNCTION	REPORTS FUNCTION	REPORTS FUNCTION
35 Reports	Security Component Analysis +	Fees —	Grouping Type	Consolidation	Export

REPORTS QUALITY	REPORTS SERVICE	REPORTS WORKFLOW	REPORTS WORKFLOW	VIEWS DEFAULT	VIEWS DEFAULT
MiFID-compliant	Customising +	Manual Report Folder —	Fully Automated Report Folder +	73 Views	Query Nagative

VIEWS FUNCTION	VIEWS FUNCTION	VIEWS FUNCTION	PERSPECTIVE TYPES MONITORING	PERSPECTIVE TYPES MONITORING
Grouping Type	Consolidation	Export	Save Templates	Dashboard (mobile) +

ADMIN-FEATURES

Extend your Admin module with features from the areas of Cross-section Functions, Access Rights, Language and Tools. The features highlighted in blue are already in your basic selection.

ADMINISTRATION\ CROSS-CUTTING FUNCTION

DATA ACCESS FUNCTION	SYSTEM FUNCTION	SYSTEM FUNCTION	SECURITY FUNCTION
Multi-client Capability	Multibanking	Multicurrency	Revision ability
+	—	—	

ADMINISTRATION\ TOOLS

BACKOFFICE ADMINISTRATION
Administrator Tool
—

ADMINISTRATION\ ACCESS RIGHTS

PERMISSION DATA-BASED	PERMISSION DATA-BASED	PERMISSION DATA-BASED	PERMISSION DATA-BASED	PERMISSION FUNCTION-BASED
Clients	Organisations Units	Single Portfolio	Privatisation	Read, Create & Edit
+	+	+	+	

ADMINISTRATION\ LANGUAGE

REPORTS & DATA DEFAULT	REPORTS & DATA SERVICE	REPORTS & DATA DEFAULT	REPORTS & DATA SERVICE	FRONTEND DEFAULT	FRONTEND SERVICE
German	French	English	Additional Languages	German	French
+	+		+	+	+

FRONTEND DEFAULT	FRONTEND SERVICE
English	Additional Languages
	+

TECH-FEATURES

Expand your tech module with features from the areas of Tools, I/O, Ready for..., Architecture and Service. The features highlighted in blue are already in your basic selection.

TECH\ TOOLS

BACKOFFICE DATA IMPORT	BACKOFFICE TASK SCHEDULING
Router	Scheduler
—	—

TECH\ I/O

INTEROPERABILITY INTERFACE	INTEROPERABILITY INTERFACE	INTEROPERABILITY SERVICE
RMI	REST	Customising
+	+	+

TECH\ ARCHITECTURE

DATABASE ORACLE	APPLICATION SERVER OPERATING SYSTEM	APPLICATION SERVER OPERATING SYSTEM	APPLICATION SERVER OPERATING SYSTEM	APPLICATION SERVER JAVA EE	APPLICATION SERVER JAVA EE
License	Linux	Windows	Solaris	Wildfly, JCache, Infinispan	Oracle WebLogic and Coherence
—	—	+	+		+

APPLICATION SERVER DISTRIBUTED SYSTEM	APPLICATION SERVER DISTRIBUTED SYSTEM	APPLICATION SERVER DISTRIBUTED SYSTEM	FRONTEND OPERATING SYSTEM	FRONTEND OPERATING SYSTEM
Scalability & Performance	Downtime Security & Accessability	Mass Data	Windows	Mac
+	+	+	—	+

TECH\ SERVICE

HARDWARE OUTSOURCING	PROJECT INSTALLATION	PROJECT CUSTOMISING	SERVICE LINE SUPPORT	SERVICE LINE TRAINING
Hosting	Migration & Integration	Workflow- & Process Optimisation	Help Desk	Training
—	—	+	—	—