



Release Information

Allocare AMS & Allocare WEB

Release 22.3

July 2022

Copyright and Comments

Copyright (c) 2022 by Allocare AG, Kantonsstrasse 3, CH-6246 Altishofen/Switzerland.

www.allocare.com

info@allocare.com

Information contained in this document was carefully written after thorough research and has been reviewed for correctness. Nevertheless mistakes can occur. If one is encountered, we kindly request you to report to Allocare Support for rectification. In no event Allocare AG, or any employees of Allocare AG, shall be liable for any damages arising out of mistakes or misunderstandings contained in the information of this document.

The name Allocare and the Allocare logo are trademarks of Allocare AG, Altishofen. Other hardware and software product names referenced in this document are trademarks of the respective company.

This document or any part of it is not allowed to be distributed or reproduced in any form without the explicit consent of Allocare AG.

Introduction

This Release Information describes the most important new functionalities delivered by Allocare AMS & Allocare WEB Release 22.3. The delivery of the software releases is handled via support or project managers.

For additional information regarding the functionality, please contact our support or our sales:

Support

Phone: +41 62 748 65 55

Mail: support@allocare.com

Sales

Phone: +41 62 748 65 65

Mail: sales@allocare.com

Contents

Allocare AMS	4
New User Interface (UI).....	4
MiFID Reports - ex-ante costs.....	9
LIBOR Replacement.....	10
Allocare WEB	11
Legal Entity Editor - Adding and editing Clients.....	11
Selected Enhancements	12
System Requirements	14
Installation Requirements	15

Overview

Allocare AMS

New User Interface (UI)

With clear user groups in mind, the new user interface was designed as ribbons that are focused on functions really needed. All toolbars have been centralized within the home ribbon where you can access all commands you use during your daily work.

MiFID Reports - ex ante costs

To meet the regulatory reporting requirements in the EU, a functionality was developed to assist financial institutions to provide a cost estimate of a service offered to their clients or prospects in advance, i.e. before the service starts.

LIBOR Replacement

Most LIBOR rates in the five major currencies CHF, EUR, GBP, USD, and JPY were ceased by the end of 2021 and clients need to decide for suitable substitutes. Allocare provides database and functionality extensions to adopt the available new alternative rates.

Allocare WEB

Legal Entity Editor - Adding and editing Clients

A new Legal Entity Editor for creating and editing Clients has been introduced.

Selected Enhancements

Portfolio Information Summary Chart (PIS Chart) can now display charts with daily resolution. A new function "Links" gives you direct access to your most used pages.

System Requirements

Important information about operating system, database management system, web server, web browser.

Allocare AMS

New User Interface (UI)



PM Portfolio Manager



RM Relationship Manager



Compliance



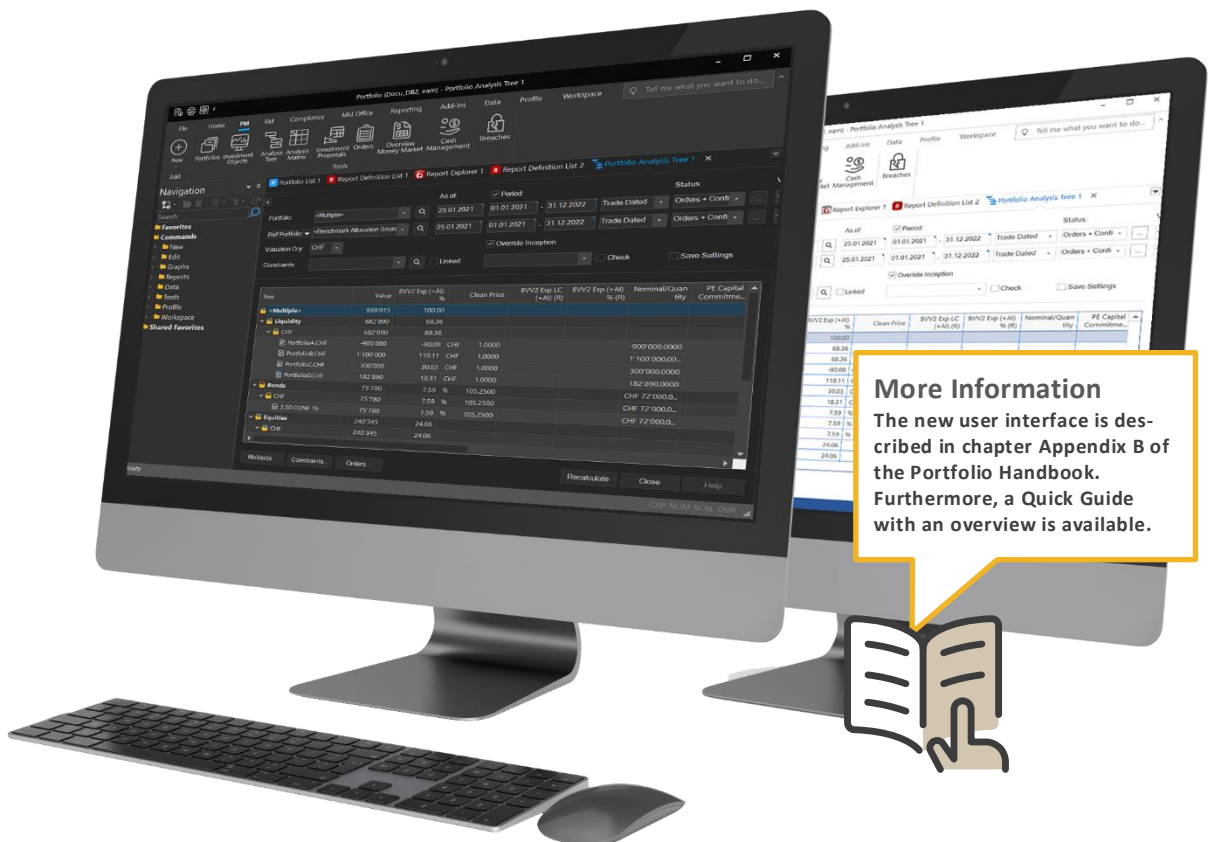
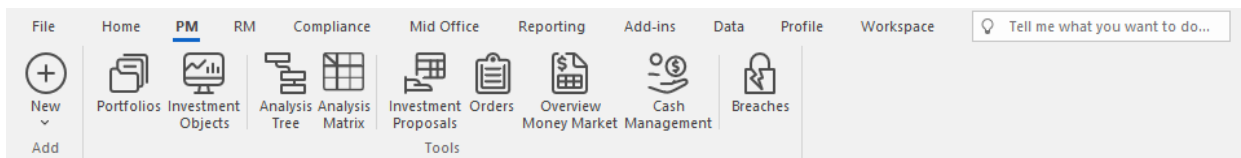
Mid Office



Reporting

In order to best support customer needs for a clear software interface and to suit the growing functionality of Allocare AMS, the entire user interface underwent a "facelift". The redesign is based on clearly focused user groups, so-called personas, such as the PM (Portfolio Manager) or the RM (Relationship Manager).

In order to cover their daily work routine in a simple and intuitive way, the new interface is oriented towards these user requirements. Under the main user groups PM, RM, Compliance, Mid Office, Reporting, you will find the most important basic functions that allow quick access.



Short Overview

Ribbons

The home ribbon groups the most used functions like reload, print, export, restoring templates, etc. It replaces various tool bars in a slim and clean way. Furthermore there are ribbons based on personas which represent the different types of users who use Allocare AMS. The aim is to give new users a quick start into the various functions and lists for their daily work.

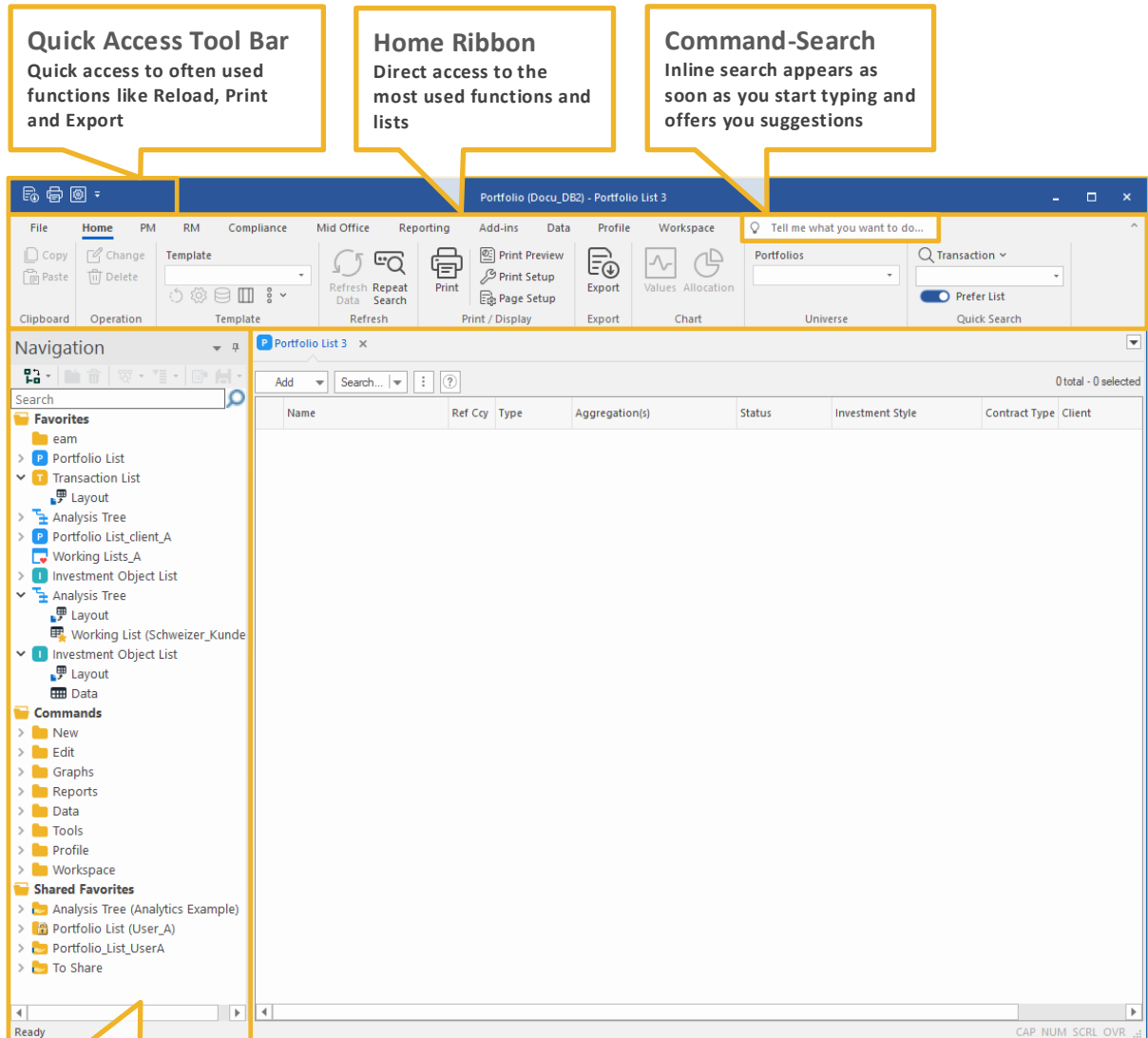


Figure: Main Screen with Home Ribbon in 'Colorful' Theme.

Favorites

Do you want to store favorites of your saved templates, lists, Analysis Tree, reports or even combination of them? Allocare AMS gives you the full flexibility. But now the most important commands can be organized even more clearly in favorites. Switching to the compact mode only the favorites are shown without any links to sub items like layouts or workings lists.

Quick Access Tool Bar

The image illustrates the process of customizing the Quick Access Tool Bar (QATB) in the Allocare AMS Portfolio application. It shows the 'Customize Quick Access Toolbar' dialog box, the 'PM' ribbon tab selected in the 'Choose commands from' dropdown, and the 'Order List' command being added to the QATB. The final result is a QATB with icons for Export, Print, and Options, and a ribbon with tabs for File, Home, PM, RM, and Compliance.

Quick Access Tool Bar
Quick access to often-used functions and the ability to customize your toolbar with More Commands.

Customize Quick Access Toolbar

- ✓ Export
- ✓ Print
- ✓ Options
- More Commands...
- Show Below the Ribbon
- Minimize the Ribbon

PM

- Home
- PM
- RM
- Compliance
- Mid Office
- Reporting
- Add-ins
- Data
- Profile
- Workspace

Choose commands from: PM

Commands:

- Add Virtual/Index Portfolio
- Breach List
- Cash Management
- Investment Object List
- Investment Proposal List
- Order List
- Overview Money Market Contract
- Portfolio Analysis Matrix
- Portfolio Analysis Tree
- Portfolio List
- Switch Buy Template
- Switch Sell Template
- Template
- Tools

Export

- Portfolio List
- Portfolio Analysis Tree
- Order List
- Print
- Options

Buttons: Add >>, << Remove, Reset

Show Quick Access Toolbar below the Ribbon

Keyboard shortcuts: Customize...

Buttons: OK, Cancel

Quick Access Toolbar

- Export
- Print
- Options

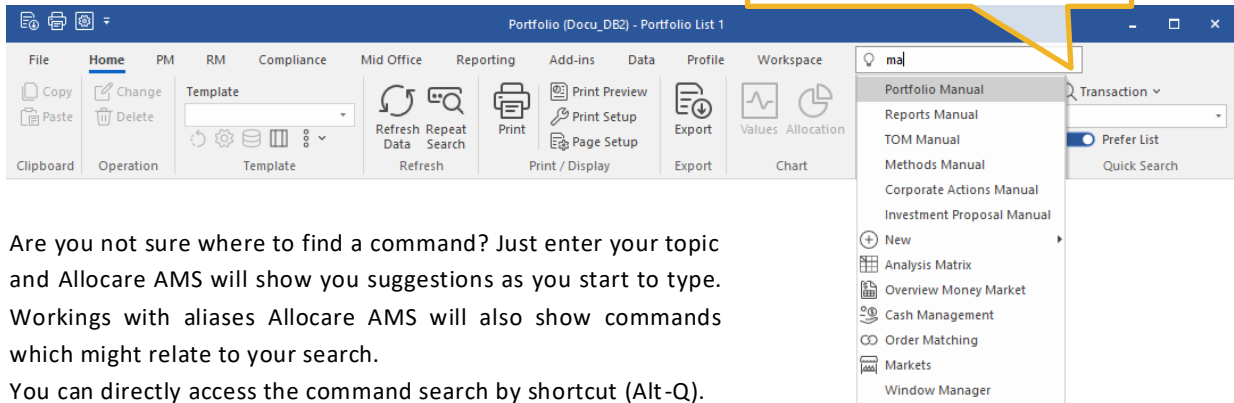
Ribbon Tabs: File, Home, PM, RM, Compliance

Quick access to often used functions. This tool bar is always accessible for you. No matter which ribbon you are in. It centralizes your main functions at a glance. You can change it and add all available commands from the different ribbons like Reload, Print and Export here.

Command Search

Command Search

Quick search for commands through entering keywords.



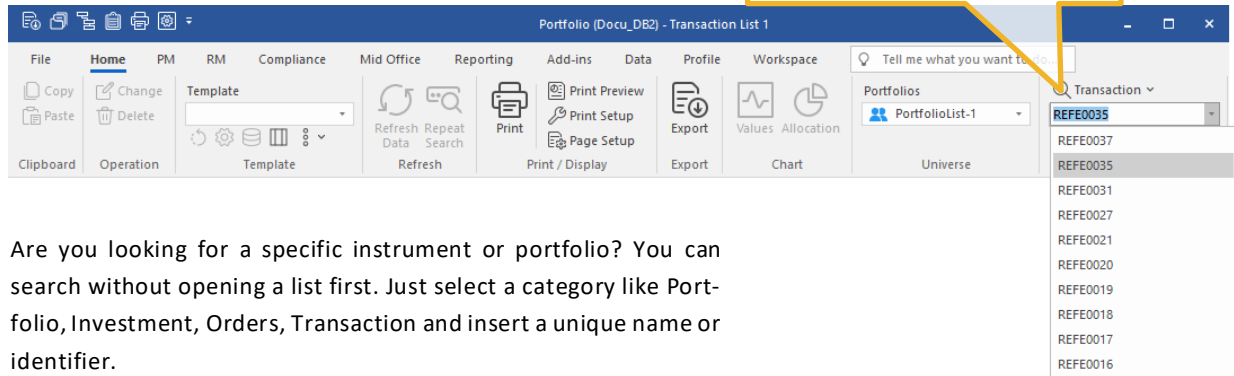
Are you not sure where to find a command? Just enter your topic and Allocare AMS will show you suggestions as you start to type. Works with aliases Allocare AMS will also show commands which might relate to your search.

You can directly access the command search by shortcut (Alt-Q).

Quick Search

Quick Search

It allows quick access to editing and displaying content used in daily work.



Are you looking for a specific instrument or portfolio? You can search without opening a list first. Just select a category like Portfolio, Investment, Orders, Transaction and insert a unique name or identifier.

This allows quick access to editing and displaying content used in daily work. By default, the corresponding editor is opened. If the 'Prefer List' option is enabled, the corresponding list (if available) will be opened.

Context Menu Analysis Tree

We reinvented the context menu used in the Analysis Tree and Analysis Matrix. The aim was to get rid of endless lists of breakdown attributes and give a better overview of the available commands.

Each topic got his own tab to have a clear and lean user guidance. You are able to search for items within long lists like the breakdown menu. The recent commands and breakdowns are shown on the first page.

Options
All functions are now arranged sideways and no longer at the top in a tab

Optimized Context Menu
Grouped by topic and new search function. Shows now recently used functions



Note: Please note that PAT-Files can only be restored but not saved anymore with Allocare AMS 22.3. Users are kindly asked to migrate their PAT-Files to templates. In the past PAT-files were used to store settings within the Analysis Tree. In the meantime **templates** were introduced. They store settings in a more flexible way and can be applied using favorites.

MiFID Reports - ex-ante costs

Under MiFID II regulation, financial service providers in the EU are obliged to inform their (prospective) clients on all costs and ancillary expenses which will arise in context with the offered service.

On a **first level**, a grouping according to cost classes is to be made:

- Product Costs, i.e. costs of the financial instruments

- Service Costs

- Inducements, i.e. received payments from third parties such as kickbacks or retrocessions.

On a **second detail level**, five sub-groups, so called cost-categories, are distinguished (One Off Charges, Ongoing Charges, Transaction Costs, Ancillary Charges, Incidental Costs).

Allocare AG developed a corresponding functionality to support such a reporting obligation. This is part of its MiFID module, which is an extension of Allocare AMS and needs to be licensed separately.

MiFID II/MiFIR

Ex Ante Cost Reporting	Target Market Definition	Depreciation Calculation	Top 5 execution venues	Post Cost Reporting	MiFIR Transactions-reporting
------------------------	--------------------------	--------------------------	------------------------	---------------------	------------------------------

Ex Ante Cost Factsheet										
ALLOCARE AMS										
PT09 (Mustermann Hans) Reference Currency EUR										
	1 - Initial Investment		2 - Hold/Manage		3 - Hold/Manage		4 - Hold/Manage		5 - Liquidation	
Duration	1 Year		1 Year		1 Year		1 Year		1 Year	
Initial Value	2'000'000		2'015'545		1'931'856		2'037'792		2'034'211	
Portfolio Return	2.00%		-3.00%		7.00%		1.00%		0.50%	
Assets before Costs	2'000'000		1'955'079		2'067'086		2'058'169		2'044'382	
Asset Value	2'019'901		1'985'082		1'958'327		2'047'955		2'039'290	
	relative	absolute	relative	absolute	relative	absolute	relative	absolute	relative	absolute
Financial Instrument Costs	0.23%	4'583	0.23%	4'505	0.23%	4'535	0.23%	4'648	0.23%	4'628
One Off Charges	0.06%	1'233	0.06%	1'212	0.06%	1'221	0.06%	1'251	0.06%	1'246
Ongoing Charges	0.11%	2'174	0.11%	2'137	0.11%	2'151	0.11%	2'204	0.11%	2'195
Transaction Costs	0.02%	468	0.02%	460	0.02%	463	0.02%	475	0.02%	473
Incidental Costs	0.04%	708	0.04%	696	0.04%	700	0.04%	718	0.04%	715
Service Costs	0.98%	19'871	0.94%	18'718	1.24%	24'759	0.94%	19'311	0.94%	19'229
One Off Charges	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0
Ongoing Charges	0.63%	12'679	0.63%	12'461	0.63%	12'544	0.63%	12'856	0.63%	12'801
Transaction Costs	0.32%	6'367	0.32%	6'257	0.32%	6'299	0.32%	6'455	0.32%	6'428
Ancillary Charges	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0
Incidental Costs	0.04%	825	0.00%	0	0.30%	5'916	0.00%	0	0.00%	0
Inducements Costs	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0
Total Costs	1.21%	24'455	1.17%	23'223	1.47%	29'294	1.17%	23'959	1.17%	23'857
Assets after Costs	2'015'545		1'931'856		2'037'792		2'034'211		2'020'525	
Net return	0.78%		-4.15%		5.48%		-0.18%		-0.67%	

The solution comprises:






- Possibility to «copy» an existing portfolio with all its transactions thereby applying a scaling factor. This supports the construction of suitable reference portfolios, which can be used for cost estimates.
- Maintenance of Calculation Policies which can be applied to determine Management, Advisory and Performance Fees as well as Custody Account Charges and Trading Costs to be paid to the custodian.
- Specific Methods on financial instrument level which allow to maintain product costs as time series entries.
- Calculation of implicit transaction costs based on a Bid/Ask Spread entries on sub-asset classes.
- Calculation of the resulting cost and their presentation in a factsheet as required by the regulation.

A comprehensive and sophisticated Reporting GUI which allows to:

- Select the reference portfolio and define the planned investment.
- Choose pre-defined calculation policies which possibly differ from those in the reference portfolio.
- Assign costs observed in the reference portfolio to classes and categories.
- Define up to five scenarios to illustrate the possible range and variation of the costs.
- Enter specific additional One Off Charges in scenarios manually.

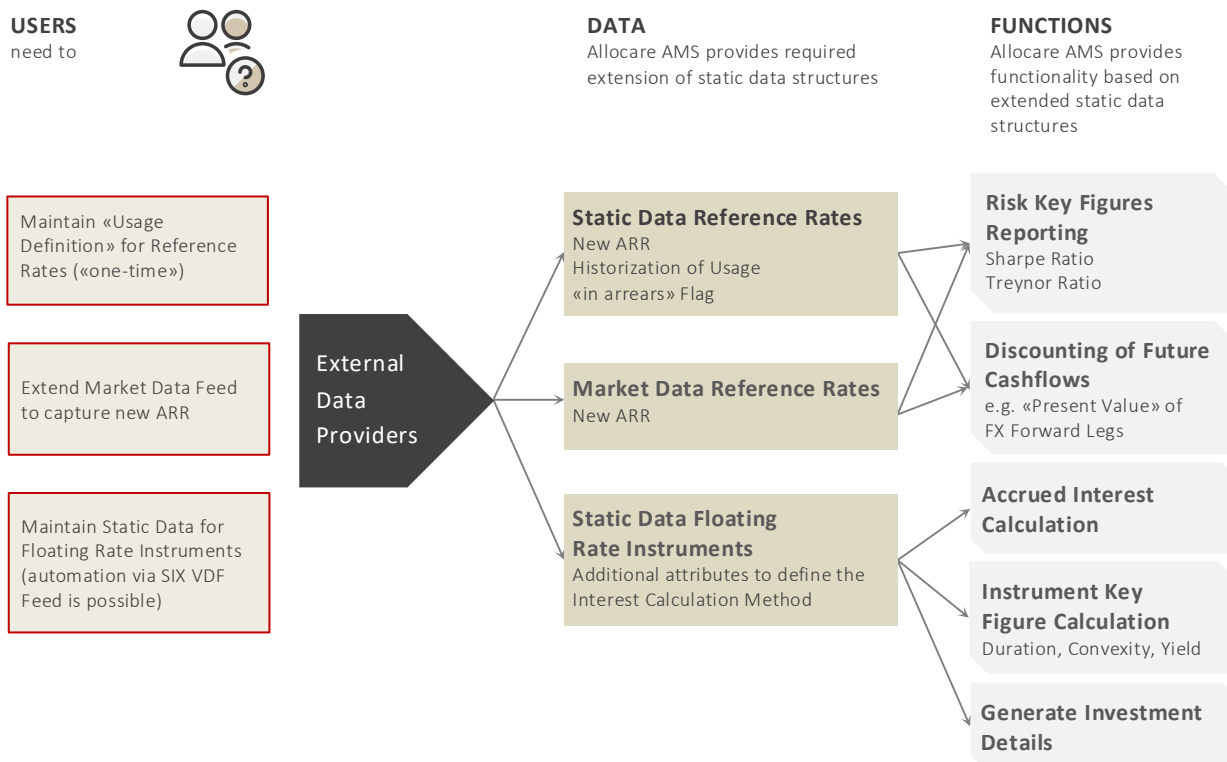
LIBOR Replacement

In response to the fact that the interbanking loan market became more and more illiquid after the financial crisis and also in the light of its manipulation, United Kingdom's Financial Conduct Authority (FCA), which oversees LIBOR, formally announced the cessation of most LIBOR rates of major currencies by December 31, 2021. National authorities and working groups around the world have developed their own alternative reference rates (ARRs) to replace LIBOR.

	CHF	SARON (Swiss Average Rate Overnight) Secured rate that reflects interest paid on interbank overnight repo Administrated by SIX National Working Group on Swiss Franc Reference Rates
	EUR	€STR (Euro Short Term Rate) Unsecured rate that captures overnight wholesale deposit transactions Administrated by European Central Bank Working Group on Euro Risk Free Rates
	GBP	SONIA (Sterling Overnight Index Average) Unsecured rate that covers overnight wholesale deposit transactions Administrated by Bank of England Working Group on Sterling Risk-Free Reference Rates
	USD	SOFR (Secured Overnight Financing Rate) Secured rate that covers multiple overnight repo market segments Administrated by Federal Reserve Bank of NY Alternative Reference Rates Committee (ARRC)
	JPY	TONAR (Tokyo Overnight Average Rate) Unsecured rate that captures overnight call rate market Administrated by Bank of Japan Study Group on Risk-Free Reference Rates

Changes in Allocare AMS and Allocare WEB

Based on their requirements, users need to decide which rates they want to use as substitutes for LIBOR rates.



Allocare WEB

Legal Entity Editor - Adding and editing Clients

It is now possible to create and edit Legal Entities from type 'Client' in Allocare WEB. Starting from Standing Data page for Legal Entities, new Clients can be added or existing Clients can be edited by selecting 'Edit' via the action button.

The following data can be added or edited:

- General data and information
- Classifications and identifiers
- Address and phones
- Documents

The screenshot shows the Allocare WEB interface. At the top, there's a navigation bar with tabs: My Pages, Asset Allocation, Analysis, Performance/Risk, Compliance, Listings, Reporting, FinSA, and Standing Data. Below this is the 'Legal Entities' section. It contains a 'Parameters' form with fields for Name (Maria), Identifier, Type, and Status (Active). A 'Display' button is next to the Name field. Below the parameters is an 'Add New' button. A table of 'Legal Entities' is shown below, with columns for Identifier System, Identifier, Short Description, Long Description, Type, and Status. One entry is visible with 'Legal Entity Code' and an 'Edit' button highlighted. A yellow arrow points from the 'Edit' button to the 'Legal Entity Editor' form. The 'Legal Entity Editor' form has a 'General' section with fields for Short Description, Long Description, Type (Client), Language (Deutsch), Country (CH), and Birthday. Below this is the 'Addresses' section with an 'Add New' button. A modal window for adding an address is open, showing fields for Type (Home), Title, First Name (Maria), Last Name (Sample), Company (MM Asset Management), Address (Bürkliplatz 23), Postal Code (8000), City (Zürich), State, Country (Switzerland), and Email (m.sample@mm.assetmana). At the bottom of the editor is a 'Legal Entity Classifier' table with columns: Legal Entity Classifier, Classification, Start Date, Expiry, and Origin. One entry is visible with 'abcd' in the classifier and classification fields, and '25/04/2022' in the start date field.

Note:
To edit legal entities it requires the CRM license and the appropriate permissions to create and modify objects.

Selected Enhancements

Portfolio Information Summary (PIS) Chart

The Portfolio Information Summary Chart (PIS Chart) component can now display charts with daily resolution. With simultaneous activation of Time Axis and Daily (Rolling), the graphs in your dashboards will show daily data points (for daily time series). This enhancement allows to display short-term fluctuations more accurately.

The screenshot shows the ALLOCARE WEB interface with the 'Performance/Risk' tab selected. A 'Page Composer' is visible on the left, and a 'Settings' dialog is open over a PIS Chart. The chart displays cumulative return in millions for Portfolio A and a Reference line from 01/2022 to 07/2022. The 'Settings' dialog has the following configuration:

- Structure: Portfolio Constituents
- Slot: Working Reference Both
- Periodicity: Daily
- Data Type: Met
- Method: TWR
- Function: [Empty]
- Gross/Net: [Empty]
- Cumulate:
- As of: [Empty]
- Chart Type: Line

The second 'Settings' dialog (Parameters) is also open, showing:

- Portfolio: PortfolioA (PortfolioA)
- Compare with: Other
- Reference: PortfolioB (PortfolioB)
- Period: YTD
- From: [Empty]
- To: [Empty]
- Rolling: 12 **Daily**
- Risk Months: 36
- Override Beginning of Mandate:
- Time Axis:**
- Legend: Below

Buttons for 'OK' and 'Cancel' are visible at the bottom right of the dialog.

The screenshot shows the ALLOCARE WEB interface with the 'Performance/Risk' tab selected. The 'PIS_Chart' is displayed with the following parameters:

- Portfolio: PortfolioA (PortfolioA)
- As of: 15/06/2022
- Period: YTD
- Rolling: 12 Monthly
- From: 01/01/2022
- To: 15/06/2022

The chart is titled 'Cumulative Return by Portfolio - PortfolioA (PortfolioA) (CHF)'. It shows daily fluctuations in cumulative return from 01/2022 to 06/2022. A yellow arrow points from the 'Time Axis' checkbox in the settings dialog to the daily data points on the chart.

Portfolio Overview

A new button with defined links helps to reach the frequently used pages more easily. Direct links to your individual start page (settings), overview dashboard, Analysis Tree and position page facilitate their navigation.

Other links can be defined in the configuration files.

ALLOCARE WEB

My Pages | Asset Allocation | Analysis | Performance/Risk | Compliance | Listings | Reporting | FinSA | Standing Data

Settings

Templates

Working List: PortfolioList-1 [Working List Editor](#) Analysis Tree: [Dropdown]

Start Page: PIS_Chart Evolution Tree: [Dropdown]

Cash Flow Tree: [Dropdown]

Apply

ALLOCARE WEB

My Pages | Asset Allocation | Analysis | Performance/Risk | Compliance | Listings | Reporting | FinSA | Standing Data

Back to Portfolios

Portfolio Details

PortfolioD as of 04/07/2022

Description: [Blank] Contract Type: Unknown

Investment Style: [Blank] Type: Client

Currency: CHF

Status: [Blank]

Accounts

Identifier: PortfolioD.CHF

Constraints

Name: [Blank]

Constraint 159

Constraint 163

Coverage of option exp

Overview

Parameters

Portfolio: PortfolioD (PortfolioD) As of: 30/06/2022 [Display](#)

Overview - PortfolioD (PortfolioD) (CHF) as of 30/06/2022

Allocation by Asset Category

Allocation by Currency

0.55m

31.72%

54.55%

13.73%

Liquidity

Bonds

Equities

100.00%

Allocation by Asset Category

Description	Value	Weight
Liquidity	175,050	31.72%
Bonds	75,780	13.73%
Equities	301,010	54.55%
Total	551,840	100.00%

Evolution by Asset Category

2017 2018 2019 2020 2021

Liquidity Bonds Equities

System Requirements

Operating Systems

Allocare AMS Release 22.3 supports the following operating systems for workstations:

- Windows 11
- Windows 10 (Dark Mode Theme only works properly from version 1809 onwards.)

Allocare AMS Release 22.3 supports the following server operating systems running Microsoft SQL Server or Internet Information Services:

- Microsoft Windows Server 2019
- Microsoft Windows Server 2016

Database Management Systems

Allocare AMS Release 22.3 supports the following database management systems:

- Microsoft SQL Server 2019 (Cumulative Update 3)
- Microsoft SQL Server 2017 (Cumulative Update 19)
- Microsoft SQL Server 2016, Service Pack 1
- Microsoft SQL Server 2014, Service Pack 1
- Microsoft SQL Server 2012, Service Pack 3

Web Servers

Allocare WEB Release 22.3 will run on Microsoft IIS 7.0 up to 10.0.

- Microsoft .NET Framework 4.6.1 (ASP.NET 4.6.1)

Web Browsers

Allocare WEB Release 22.3 supports the following web browsers:

- Microsoft Edge (Chromium)
- Firefox
- Chrome
- Safari 11 on Macintosh

Note: Microsoft Internet Explorer is no longer supported since Allocare AMS Release 21.3.

Installation Requirements

The following information is for people responsible for the installation of the Allocare AMS application.

Microsoft Visual C++ Redistributable

A required prerequisite to run the Allocare AMS application suite is *Microsoft Visual C++ 2019 Redistributable (x64) - 14.28.29914* which must be available on a client machine.

The Allocare WEB (Service) requires the 64-Bit Package i.e. *Microsoft Visual C++ 2017 Redistributable (x64) – 14.12.2581.0*.

The Allocare WEB (Service) requires the 64-Bit Package i.e. *Microsoft Visual C++ 2019 Redistributable (x64)*.

For legacy report engines (Crystal Reports, Active Reports) the 32-Bit Redistributable must also be installed *Microsoft Visual C++ 2019 Redistributable (x86) - 14.28.29914*.

These will be automatically installed when using the **Setup** executable provided on the installation CD. When the Setup executable is not used the redistributable has to be installed manually or the files have to be copied from the CD. Dependencies: All files in the 'AMS folder' support 64-Bit, the 'x86' subfolder contains legacy components (supporting 32-Bit).

Universal C Runtime

A second required prerequisite is the *Update for Universal C Runtime in Windows (KB2999226)*. *Microsoft Visual C++ Redistributable* installation also includes this update and therefore no further installation step is required.

When Allocare AMS is installed by copying all files from the installation CD, this update must be installed on the system manually (if not already installed by the Windows Update).

Microsoft .NET Framework

A required prerequisite to run the Allocare AMS application suite is Microsoft .NET Framework 4.6.1 which must be available on a client machine.

It will be automatically installed when using the Setup executable provided on the installation CD.

When the Setup executable is not used the redistributable has to be installed manually.