



**L I S**

ON LINE INVESTOR SERVICES

**caceis**  
INVESTOR SERVICES





MIDDLE-OFFICE CUSTODY  
CASH STOCK LENDING, REPOS & COLLATERAL  
FUND ADMINISTRATION DATA MANAGEMENT  
PERFORMANCE & MEASUREMENT ANALYSIS REPORTING  
FUND DISTRIBUTION PRIME FUND SOLUTIONS  
PRIVATE EQUITY, REAL ESTATE & SECURITISATION

CACEIS is pleased to introduce OLIS, an interface optimised for mobile usage, providing you with a non-stop access to all the Group's activities across all locations. OLIS is a scalable tool which incorporates innovations in our Asset Servicing range as they become available in order to support your growth and simplify the monitoring and management of your portfolios.

GET CONNECTED – FIND IT ALL IN 

[WWW.OLISNET.COM](http://WWW.OLISNET.COM)





# OLIS, YOUR SINGLE ASSET SERVICING INTERFACE

## **ACCESS ALL YOUR ACTIVITIES AT ANY TIME**

With a common entry point, you have a real-time overview on all your assets as well as on related transactions and events. Using OLIS, you can browse our stock and fund databases, enter your instructions online, validate net asset values, use our data analysis tools and configure reports you would like to extract or receive.

## **CREATE A WORKING ENVIRONMENT THAT SUITS YOU**

Do you have a number of different user profiles? Each authorised user can customise their homepage to quickly access the information and modules that are essential for their day-to-day activities. Each user can define their own account settings to facilitate searches.

Do you want your clients to log in to a version of OLIS with your corporate branding? With the white-labelling feature, the whole site can be displayed using your name and corporate colours and will use your information through communication widgets.

## **FIND INFORMATION FOR YOUR OTHER SERVICE PROVIDERS**

In order to provide you with both a complete overview of your assets and comprehensive reports, OLIS stores your own data and collects the data received on your behalf from third parties, valuation agents, custodians, etc. through secure connection systems.

## **DEDICATED RELATIONSHIP MANAGERS ARE ON HAND TO SUPPORT YOU**

Your OLIS relationship manager will guide you through the tool's set-up process and will be on hand to help you use it on a daily basis. He/she will help you to configure your reports and take your requests for authorisation and access to new features into account.

You can enter your requests directly in OLIS or contact your relationship manager by phone or email. Whichever way you choose to submit your requests, you can monitor and track their status in OLIS.

# OLIS, THE SOLUTION THAT ADAPTS TO YOUR NEEDS

## **NAVIGATE THE WEBSITE WITH EASE**

OLIS can be accessed from any computer\* or tablet. Its interface allows you to switch from one screen to another using an intuitive and ever-accessible menu and multi-task tab system.

## **MANAGE ACCESS RIGHTS AND CONFIDENTIALITY LEVELS**

OLIS relies on the latest strong authentication standards and allows strict management of user rights. With the help of your OLIS relationship manager, you can define the relevant levels of authorisation for each single account (read-only, editing, validation and double validation). Entries are protected by a strong authentication procedure. Therefore both your data and entries are safe in OLIS.

## **YOUR DATA IS SAFE**

As your data is confidential, OLIS offers secure hosting and an advanced backup system. If ever one of OLIS' functions becomes unavailable, a dedicated communication cell will keep you updated with progress reports via email until the connection can be restored. When subscribing to our services, you will be involved in defining workaround procedures with us in order to ensure service continuity.



**COMPREHENSIVE: MANAGE ALL YOUR ACTIVITIES THROUGH A SINGLE INTERFACE**

**FLEXIBLE: OLIS IS A MODULAR TOOL COMPATIBLE WITH WHITE-LABELLING**

**CUSTOMISABLE: TO SUIT THE NEEDS OF EACH USER**

\*Internet Explorer 8 or above, Firefox 21 or above, Chrome 10 or above.



# CASH

## SIMPLIFY YOUR CASH MANAGEMENT

OLIS gives you fast, secure access to a wide range of functions:

- real-time display of all your cash accounts, their balances and related movements on a rolling 18-month historical basis
- view details of cash accounts opened with other counterparties
- individual or bulk online entry of all your orders
- catalogue of reports available in push or pull mode

## MONITOR CASH ACCOUNT POSITIONS AND MOVEMENTS

Monitor your transactions and balances in real time using multi-criteria searches: account number, amount and currency, value dates, payee BIC, order status. Each user can configure their account settings, reports and access archive files for a rolling 18-month period. You can zoom in on the details of each order

recorded. Cash held at other banks can also be viewed (subject to retrieval of the information) in order to provide you with an overview of your transactions and to enable you to manage all your cash more efficiently. In addition, you can use a cash movement to find the related securities transaction.

The screenshot displays the OLIS Cash Account Positions interface. At the top, there is a navigation bar with the OLIS logo and various menu options. Below the navigation bar, there are search filters for Position Name, Report By, Termination, Balance, From, and To. The main content area is titled 'TM POSITIONS' and contains a table with the following columns: Nationality, Account Status, Account Code, Account Label, Accounting Balance, Balance Currency, Currency denomination, Currency code, Currency, Contracted CP, Value Date, and Contract ID. The table lists several active cash accounts with their respective balances and currencies.

Nationality	Account Status	Account Code	Account Label	Accounting Balance	Balance Currency	Currency denomination	Currency code	Currency	Contracted CP	Value Date	Contract ID
ACTIVE	ACT	E		6 025.25	EUR	1	01012014	6 025.25	EUR		
ACTIVE	ACT	FC		8 975.54	EUR	1	25122014	8 975.54	EUR		
ACTIVE	ACT	G		0.00	EUR	1	26202015	0.00	EUR		
ACTIVE	ACT	FR		25 521.4	EUR	1	26202014	25 521.4	EUR		
ACTIVE	ACT	G		20 380 176.85	EUR	1	26202014	20 380 176.85	EUR		
ACTIVE	ACT	E		10 485 247.59	EUR	1	26202014	10 485 247.59	EUR		
ACTIVE	ACT	FR		121 024.47	EUR	1	30202014	121 024.47	EUR		
ACTIVE	ACT	BE		0.00	EUR	1	30202014	0.00	EUR		
ACTIVE	ACT	E		14 421.01	EUR	1	11082014	14 421.01	EUR		
ACTIVE	ACT	E		19 585.53	EUR	1	12082014	19 585.53	EUR		

# ENTER YOUR ORDERS ONLINE

OLIS enables you to manage different user profiles for order entry:

- entry only
- entry and validation
- entry and self-validation
- joint validation

All types of transfers can be made:

- large amounts (VGM/T2)
- SEPA
- inter-account
- external in euro and in other currencies

OLIS generates an entry reference number to enable orders to be found easily.

Instructions entered then confirmed are displayed on confirmation screens.

Ref	Status	Comment	Reason	Type d'in	Reference	Date	Amount	Currency	Account	C.V.
5880	Waiting Validation	Refused by...	CUT_OFF_D	218	NR14040111	31-04-2014	1 200,00	EUR	CA FRZ	
5880	Waiting Validation			218	NR14040111	31-04-2014	1 900,00	EUR	CA FRZ	
5880	Waiting Validation			218	NR14040110	31-04-2014	1 200,00	EUR	CA FRZ	
5880	Waiting Validation			218	NR14040110	31-04-2014	1 200,00	EUR	CA FRZ	
5880	Waiting Validation			218	NR14040111	31-04-2014	1 200,00	EUR	CA FRZ	
5880	Waiting Validation			218	NR14040111	31-04-2014	1 900,00	EUR	CA FRZ	
5880	Waiting Validation			218	NR14040111	31-04-2014	1 200,00	EUR	CA FRZ	
5880	Waiting Validation			218	NR14040111	31-04-2014	1 200,00	EUR	CA FRZ	
5880	Waiting Validation	Refused by...	REBT_CLI	218	NR14040110	31-04-2014	1 900,00	EUR	CA FRZ	
5880	Waiting Validation			218	NR14040110	31-04-2014	1 900,00	EUR	CA FRZ	
5880	Waiting Validation			218	NR14040110	31-04-2014	1 900,00	EUR	CA FRZ	
5880	Waiting Validation			218	NR14040111	31-04-2014	1 900,00	EUR	CA FRZ	
5887	Validated	Validated by...		218	2219311	31-04-2014	500 000,00	EUR	CA FRZ	
5894	Validated	Validated by...		218	2219312	30-04-2014	500 000,00	EUR	CA FRZ	
5957	Validated	Validated by...		183	2218111	13-04-2014	2 520 000,00	EUR	CA FRZ	

# MANAGE YOUR LISTS OF EXTERNAL BENEFICIARIES

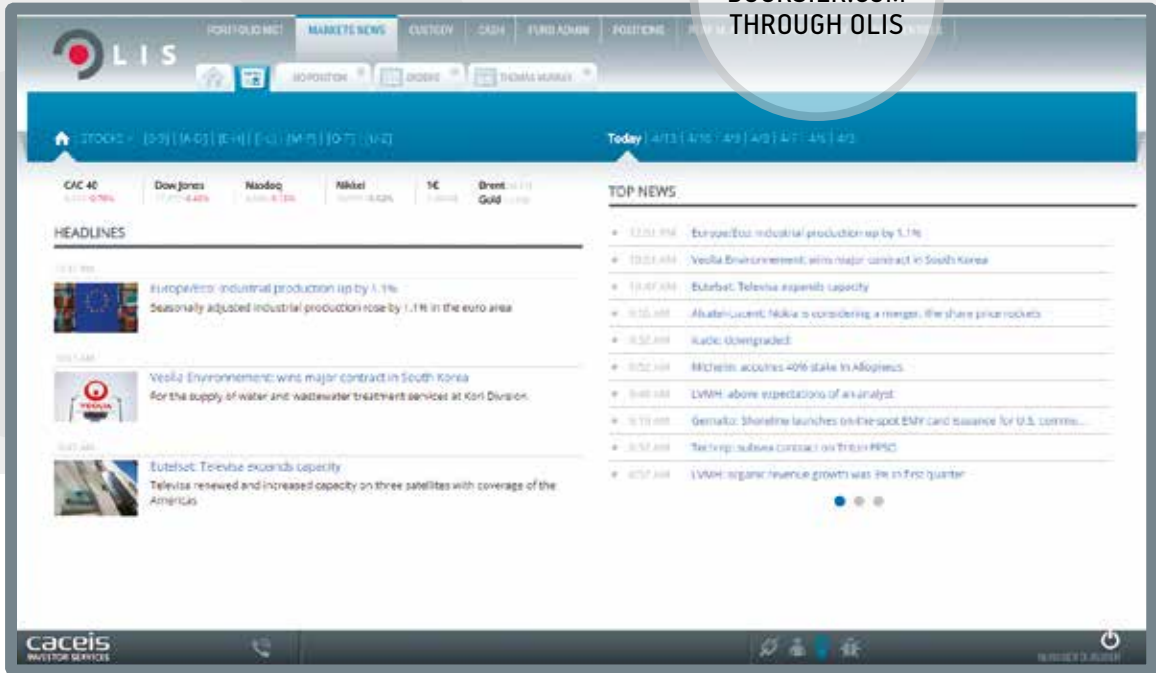
OLIS enables you to create and update lists of external beneficiaries for your transfers. These lists, which can be accessed from the input

screen, save you time and reduce the risk of operator error as the beneficiaries' details (IBAN, BIC etc.) are predefined.

The screenshot displays the OLIS 'EDITING BENEFICIARIES' interface. At the top, there is a navigation bar with tabs for 'PORTFOLIO MGT', 'MARKETS NEWS', 'ORDER', 'CASH', 'TINX ADMIN', 'POSTING', 'PFE M.A.', 'REPORT FACTORY', and 'INTERFACES'. Below this, a blue header bar contains the OLIS logo and the text 'EDITING BENEFICIARIES'. The main content area shows a form for editing a beneficiary. The form is titled '32 BENEFICIARIES > EDITION : FR985085676678900000000000'. The form fields are organized into sections: 'Identifier' (with a 'Status Active' checkbox), 'Payment Type' (set to 'Customer Payment'), 'Beneficiary Account Number', and 'Beneficiary BIC Code'. Below these are fields for 'Beneficiary Name', 'Beneficiary Street Name', 'Beneficiary Zip Code', 'Beneficiary City', and 'Beneficiary Country'. A section titled 'BENEFICIARY BANK' contains fields for 'Bank BIC Code', 'Bank Local Code', 'Bank Name', 'Bank Street Name', 'Bank Zip Code', 'Bank City', and 'Bank Country'. The form is currently in 'EDITING' mode, as indicated by the 'EDITION' label in the title bar.



ACCESS  
BOURSIER.COM  
THROUGH OLIS



WWW.OLISNET.COM

For more information about CACEIS and our products, please visit our site: [www.caceis.com](http://www.caceis.com)



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INVESTOR SERVICES

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# CUSTODY

## VIEW YOUR SECURITIES POSITIONS

OLIS allows you to follow-up your securities positions using multi-criteria search functions, enabling you to pinpoint the information you need.

### POSITIONS HELD BY CACEIS

View your positions in real-time or at a given date and at the required granularity:

- only positions settled or all positions (committed and settled)
- aggregate or detailed positions (all positions, positions lent/borrowed, positions blocked for certain corporate actions, etc.)

From a position, you can scroll through the list of transactions showing the causes of variations in positions between two dates. You also have the option of searching for these transactions by directly accessing the dedicated screens.

### OTHER ASSETS

View all your portfolio assets. OLIS gives you a consolidated view of your assets regardless the type or place of safekeeping (subject to retrieval of the information):

- transferable securities or cash held by another custodian
- assets held by a Prime or Clearing Broker
- foreign exchange contracts, OTC derivatives, listed derivatives, etc.

Access the Depositary Statement, which valuation is based on the last available prices and which meets the requirements of current regulations applicable to the depositary function.

Subsector	Subsponsoring account	FIGI	Security name	CSI / ISIN / Solus	Balance	In.	Status	Security L.	Availability	Price	Valuation	Curr.
		FIGI: 2283721	BLEZ EDV GE ZCP	EUROCLER FRANCE	10 000 000.00	C	Settled	Debit		100.0000	10 000 000.00	EUR
		FIGI: 2283720	FRNG 2TR PRG CP	EUROCLER FRANCE	9 000 000.00	C	Settled	Debit		100.0000	9 000 000.00	EUR
		FIGI: 2283722	FRNG 3TR PRG CP	EUROCLER FRANCE	9 000 000.00	C	Settled	Debit		100.0000	9 000 000.00	EUR
		FIGI: 2283723	FRNG 5TR PRG CP	EUROCLER FRANCE	4 000 000.00	C	Settled	Debit		100.0000	4 000 000.00	EUR
		FIGI: 2283724	TCR FOAC 2802310	EUROCLER FRANCE	10 000 000.00	C	Settled	Debit		100.0000	10 000 000.00	EUR
		FIGI: 2283725	TCR FOAC 2802311	EUROCLER FRANCE	4 000 000.00	C	Settled	Debit		100.0000	4 000 000.00	EUR

# ACCESS YOUR SECURITIES TRANSACTIONS

## MONITORING YOUR TRANSACTIONS

Monitor the entire life-cycle of your transactions in OLIS in real-time.

From entry into our custody platform through to actual market settlement, comprehensive and transparent information is available online: status, audit trail, etc.

## ENTERING YOUR TRANSACTIONS

You can use OLIS' functions to enter your settlement/delivery instructions or your subscription/redemption orders:

- screens for individual input
- uploads for bulk input

The screenshot displays the OLIS web application interface. At the top, there is a navigation bar with the OLIS logo and various menu items: PORTFOLIO MGT, MARKET NEWS, CMT/GOV, CDXN, FUND ADMIN, POSITIONS, PERM M.A., REPORT FACTORY, and REFERENCES. Below the navigation bar, there are several tabs: HOME, ORDERS, COMM/MONEY, and OPERATIONS & EXEC. NOTIF. The main content area is titled 'EXECUTION NOTIFICATIONS'. It features a search and filter section with fields for 'Select an account group', 'Safeguard account', 'From' (04/13/2015), 'to' (04/14/2015), and 'Date' (Accounting date). There are also checkboxes for 'Merge with' and 'EIN'. Below the search section are buttons for 'MARK', 'DOWNLOAD', 'RENEWED DOWNLOAD', and 'RESET'. The main data area is a table with columns: Zoom, PDF, Safeguard n., Safeguard screen, ISIN, Security name, Your reference, Transaction, Quantity, Amount, C., and Trade date. The table contains 10 rows of transaction data.

Zoom	PDF	Safeguard n.	Safeguard screen	ISIN	Security name	Your reference	Transaction	Quantity	Amount	C.	Trade date
		8000182318		US0393340011	SPY TRNFG	18807.2018	RECEIPT AGAINST PAYMENT	14.523	-388.586.34	EUR	04/10/2015
		8000182318		US0393340011	SPY TRNFG	18807.2018	DELIVERY AGAINST PAYMENT	-153	8.964.58	EUR	04/10/2015
		8000182318		FR0000117771	VIVENDI	18873.2018	DELIVERY AGAINST PAYMENT	-17.497	437.886.23	EUR	04/10/2015
		8000182318		FR0000117771	VIVENDI	18873.2018	DELIVERY AGAINST PAYMENT	-35.992	1.620.766.54	EUR	04/10/2015
		8000182318		FR0000117771	VIVENDI	18888.2018	DELIVERY AGAINST PAYMENT	-38.744	628.464.22	EUR	04/10/2015
		8000182318		FR0000117771	VIVENDI	18881.2018	DELIVERY AGAINST PAYMENT	-151.798	3.203.919.28	EUR	04/10/2015
		8000182318		FR0000117771	VIVENDI	18846.2018	DELIVERY AGAINST PAYMENT	-156.340	2.403.761.96	EUR	04/10/2015
		8000182318		US1246562374	GLSK 100/20 SCOUT	18586.2018	RECEIPT AGAINST PAYMENT	1.288.888	-7.717.948.02	USD	04/11/2015
		8000182318		US0393340011	SPY TRNFG	18802.2018	DELIVERY AGAINST PAYMENT	-1.036.000.00	82.131.58	USD	04/11/2015
		8000182318		US0393340011	SPY TRNFG	18781.2018	DELIVERY AGAINST PAYMENT	-801.328	27.139.871.48	USD	04/11/2015

# MONITOR YOUR CORPORATE ACTIONS AND YOUR COUPONS & REDEMPTIONS

OLIS enables you to target urgent matters to be dealt with, to monitor all corporate actions and to review the historical record of your transactions:

- view corporate actions that affect your positions: features, full text of the information, securities accounts concerned, cash forecasts, results of corporate actions
- monitor payment of your future income and view taxation records
- find information on taxation based on the final beneficiary's country of residence and the country of origin of the income
- enter your responses to conditional corporate actions in OLIS and benefit from a results simulation service and information on your eligible positions in real-time
- Monitor the status of conditional corporate actions (answered, pending, partial answer, corporate action ended, etc.).

Cases	Safeguarding account	Safeguarding account name	CA ref.	ISIN	Security name	Form	Depository	Status	Quantity	Mode
00000010178			1200V	05411180206	FGA CAPITAL IRE 2	R	CLEARSTREAM BANKING	NT	27 000 000.00	C
00000010178			1200V	02811180206	FGA CAPITAL IRE 2	R	CLEARSTREAM BANKING	NT	24 420 000.00	C
00000010178			1200V	02102181200	FGA CAPITAL IRE 2	R	CLEARSTREAM BANKING	NT	80 140 000.00	C
00000010178			1200V	02002181000	FGA CAPITAL IRE 2	R	CLEARSTREAM BANKING	NT	22 420 000.00	C
00000010178			1200V	02002181000	FGA CAPITAL IRE 2	R	CLEARSTREAM BANKING	NT	40 270 000.00	C
00000010178			1200V	02002181000	FGA CAPITAL IRE 4	R	CLEARSTREAM BANKING	NT	27 180 000.00	C
00000010178			1200V	02002181000	FGA CAPITAL IRE 4	R	CLEARSTREAM BANKING	NT	38 000 000.00	C

## FIND IT ALL IN OLIS

The online information is also available in the form of standard or customisable reports:

- multi-format reports (SWIFT, PDF, XLS)
- multi-channel reports (SWIFT, fax, email networks)

HELP US  
IMPROVE OLIS

The screenshot displays the OLIS website interface. At the top, there is a navigation menu with links: PORTFOLIO VECT, MARKET NEWS, CUSTOMER, CASH, FUND SCHEM, POSITIONING, PERFORMANCE, REPORT FACTORY, and REFERENCES. Below the navigation is a header with the OLIS logo and a home icon. The main content area is divided into several sections: NEWS, DOCUMENTS, CONTACT, and MY PUBLICATIONS. A feedback widget is overlaid on the right side of the page, containing the text: "Your ideas and suggestions entered in the 'feedback' widget will be sent to CACEIS teams". The widget has a "SEND" button at the bottom right.



For more information about CACEIS and our products, please visit our site: [www.caceis.com](http://www.caceis.com)



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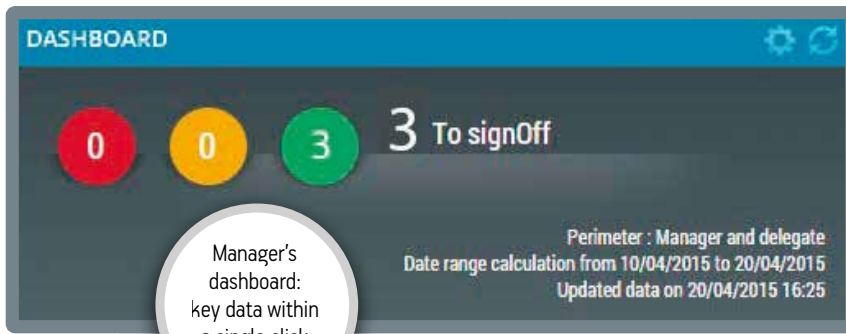
# FUND ADMINISTRATION

## ACCESS YOUR PORTFOLIOS AT ANY TIME

Would you like to access or download a net asset value or transaction log, an accounting inventory with valuations or accounting balances? Would you like to validate net asset values online wherever you are? Log in to OLIS and access all valuation and accounting data for your portfolios in real-time 24 hours a day.

OLIS is a platform for exchanging data between CACEIS, the asset management, middle-office teams and the auditors. The site is fully secure and an audit trail ensures the traceability of all actions and exchanges.

### A FAST, COMPREHENSIVE AND EFFECTIVE TOOL



# VALIDATE NET ASSET VALUES ONLINE

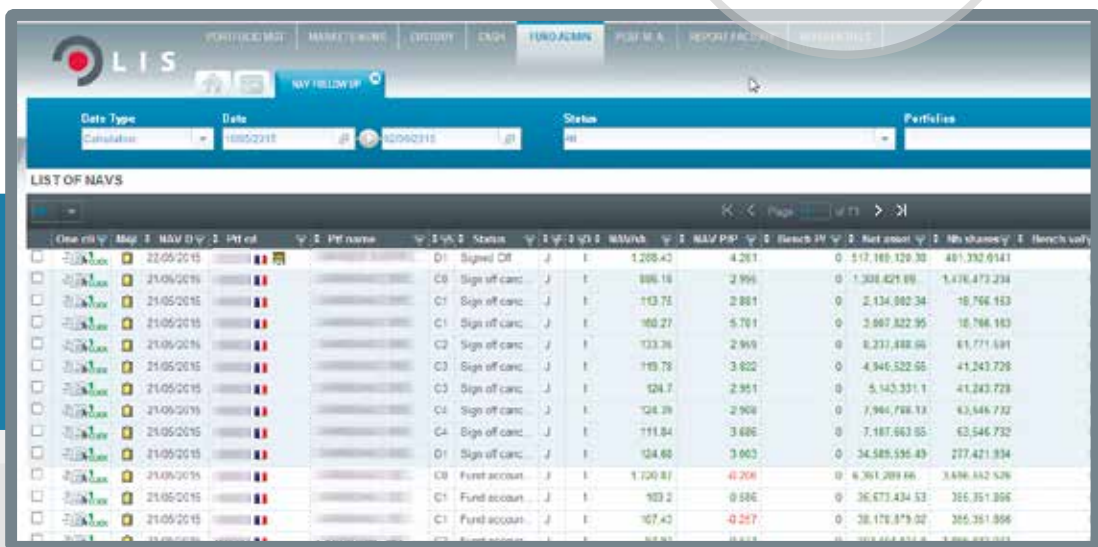
You can validate the NAV of the UCIs for which you are responsible online. You can also delegate validation to another asset manager. The relevant information to enable validation is presented in the form of calculated data or graphs.

To view a fund's performance, you can compare it with its benchmark or with a customised benchmark and review a table of major variances for in-depth analysis.

## OLIS NAV MODULE

4 solutions for validating NAVs

- OLIS screens
- e-mail
- a WebService
- MQSeries



The screenshot displays the OLIS NAV Module interface. At the top, there is a navigation bar with tabs for PORTFOLIO MGR, MARKET NEWS, HISTORY, ENQU, **UNDO/REDO**, PORT M.A., REPORT FACTORS, and ISSUES/DELS. Below this is a 'NAV FOLLOW UP' section with filters for Data Type (set to Calculated), Date (18052015), Status (set to All), and Portfolio. The main area is titled 'LIST OF NAVS' and contains a table with columns for One click, Mail, NAV D, PFI cal, PFI name, Status, NAV/wh, NAV PFI, Bench 19, Net asset, and Bench vol. The table lists various NAV entries with their respective dates and values.

One click	Mail	NAV D	PFI cal	PFI name	Status	NAV/wh	NAV PFI	Bench 19	Net asset	Bench vol
		22-05-2015			D1 Signed Off	1,208.42	4,281	0	517,169,329.30	461,332,6141
		21-05-2015			C0 Sign off calc.	886.18	2,996	0	1,308,421.89	1,476,473,234
		21-05-2015			C1 Sign off calc.	113.75	2,881	0	2,134,000.34	18,766,183
		21-05-2015			C1 Sign off calc.	160.27	5,701	0	3,007,322.95	18,766,183
		21-05-2015			C2 Sign off calc.	133.26	2,959	0	8,231,888.66	61,771,691
		21-05-2015			C3 Sign off calc.	119.78	3,822	0	4,946,522.65	41,243,726
		21-05-2015			C3 Sign off calc.	124.7	2,951	0	5,145,351.1	41,243,726
		21-05-2015			C4 Sign off calc.	124.29	2,908	0	7,946,768.13	63,546,732
		21-05-2015			C4 Sign off calc.	111.84	3,686	0	7,187,663.85	63,546,732
		21-05-2015			D1 Sign off calc.	124.66	3,903	0	54,589,595.49	277,421,394
		21-05-2015			C0 Fund account	1,720.81	-6,208	0	6,361,289.66	3,696,662,626
		21-05-2015			C1 Fund account	103.2	0,586	0	35,673,434.53	355,351,396
		21-05-2015			C1 Fund account	107.42	-6,267	0	38,170,879.02	355,351,396

# CUSTOMISE YOUR REPORTS

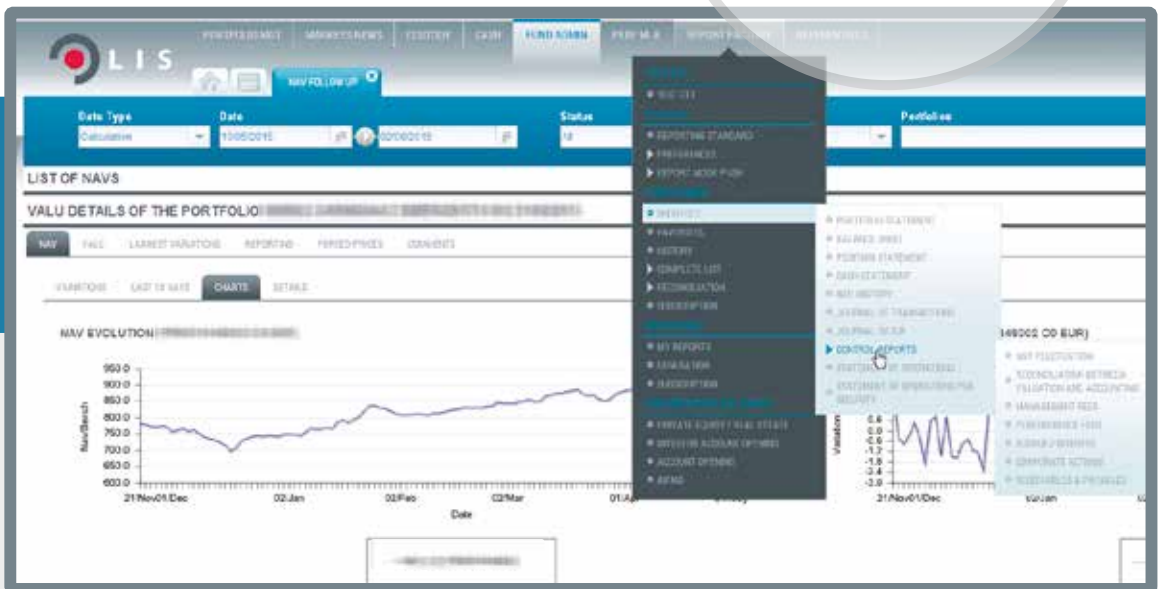
OLIS enables you to view, obtain and customise statements that meet your operational, statutory and management requirements. More specifically, you can access inventories, balances, operational logs, cash reconciliation statements, ratios and NAV statements.

All these reports are generated in real-time. They can be viewed online and downloaded in PDF, CSV or XLS format. Some of these downloads can also simply be configured to be sent in "push mail" mode.

## OLIS REPORTS MODULE

Centralised access to all reports:

- enriched reports
- configurable reports
- personalised access profiles





## ACCESS A RICH DATABASE

CACEIS gives you access to its entire database of financial instruments, including prices or rates, whether securities are in your portfolio or not.

## MONITOR EXCHANGES BETWEEN AUDITORS AND CACEIS

A dedicated area in OLIS provides the auditor with all the accounting items needed for the audit as well as a work management tool and an area for communicating with the CACEIS teams. Data is regularly added to the module

in order to centralise all the statutory reports such as KIID management or to manage various contributions. It also provides the asset management company with management tools.



For more information about CACEIS and our products, please visit our site: [www.caceis.com](http://www.caceis.com)



# FUND DISTRIBUTION

Access reports relating to the transfer agent function online and authorise your selected financial intermediaries to use this module.

## CUSTOMISED REPORT SOLUTIONS

### VIEW TRANSACTIONS AND HOLDINGS

Distributors and agents can consult their investors' holdings and transactions over a predefined period or on a given date.

Reports provide details of fees and any exchange rates applicable.

Reports can be customised to include only the information needed by each user.

Investor Account		Balance %	Last Available NAV per Share	Last Available NAV Date	Value in NAV Currency	Exchange Rate	Value in Selected Currency	Investment Ratio as % of NAV Currency	% Subfund of Holdings
SubFund / Share	Shares		NAV per Share	NAV Date	in NAV Currency	Rate	in Selected Currency	in NAV Currency	of Holdings
<b>4567890123 : Investor Account Name</b>									
<b>12345 : SubFund Name</b>									
LI123456789012	12,345,678,910,3214	100.00	01/01/2013	12,345,678,910,3214 EUR	12345	123456789	12,345,678,910,3214 USD	12,345,678,910,3214 EUR	100
Share Name									
LI123456789012	12,345,678,910,3214	100.00	01/01/2013	12,345,678,910,3214 EUR	12345	123456789	12,345,678,910,3214 USD	12,345,678,910,3214 EUR	100
Share Name									
LI123456789012	12,345,678,910,3214	100.00	01/01/2013	12,345,678,910,3214 GBP	12345	123456789	12,345,678,910,3214 USD	12,345,678,910,3214 GBP	100
Share Name									
<b>Total for Investor Account 4567890123</b>							<b>12,345,678,910,3214 USD</b>		
<b>4567890666 : Investor Account Name</b>									
<b>12356 : SubFund Name</b>									
LI123456789012	12,345,678,910,3214	100.00	01/01/2013	12,345,678,910,3214 JPY	12345	123456789	12,345,678,910,3214 USD	12,345,678,910,3214 JPY	100
Share Name									
LI123456789012	12,345,678,910,3214	100.00	01/01/2013	12,345,678,910,3214 EUR	12345	123456789	12,345,678,910,3214 USD	12,345,678,910,3214 EUR	100
Share Name									
LI123456789012	12,345,678,910,3214	100.00	01/01/2013	12,345,678,910,3214 USD	12345	123456789	12,345,678,910,3214 USD	12,345,678,910,3214 USD	100
Share Name									
<b>Total for Investor Account 4567890666</b>							<b>12,345,678,910,3214 USD</b>		
<b>Total for Agent 123456789</b>							<b>12,345,678,910,3214 USD</b>		

## MANAGE YOUR CASHFLOW

Asset managers can generate 3 types of reports, depending on the status of the order:

- provisional cash forecast: at any time before the cut-off
- final cash forecast: just after the cut-off
- definitive cashflow reports including the official NAV and FX rate used: just after the order is actually processed

Cashflow reports can be created by defining several different consolidation criteria:

- funds or group of funds
- sub-funds or groups of sub-funds
- ISIN code or groups of ISIN codes
- NAV date, settlement date
- ...

## MONITOR THE DISTRIBUTION OF YOUR FUNDS

In OLIS, you can monitor sales activity in all the countries where your funds are distributed thanks to the set of reports generated:

- at each level of the distribution network
- for a specific branch of the network
- for each distribution agent

You can produce reports on trailer fees: holdings, details of fee calculations, pre-notification of payment, etc.

## MONITOR INVESTOR ACCOUNT COMPLETION STATUS

As a management company or promoter, in OLIS you can access the status of each investor account with regard to KYC/AML and FATCA regulations.

The screenshot displays the OLIS dashboard interface. At the top, there are navigation tabs: FUND FOLLOW UP, MARKET NEWS, COLLECT, CASH, INVESTOR, POSITIONS, PER M.A., and REFERENCE. Below these, there are filters for Field (All Funds), Investor (All Investors), NAV period (Today), and Reporting Currency (EUR). The main content area shows a table with the following columns: FUND/SHARE / SIN, SUBS. QTY, SUBS. VALUE, HELD. QTY, HELD. VALUE, NET COLLECT, NET ASSET, and % NET ASSET. The table contains 10 rows of data, with the first row highlighted in blue. A 'VIEW ORDERS' button is located at the bottom right of the table area. The footer includes the Caceis logo and social media icons.

FUND/SHARE / SIN	SUBS. QTY	SUBS. VALUE	HELD. QTY	HELD. VALUE	NET COLLECT	NET ASSET	% NET ASSET
AMERICAN EXPRESS	2.587	2.507.890	1.543	1.279.543	1.076.406	132.547.890	0.54 %
AMERICAN EXPRESS	1.288	1.201.454	1.008	1.008.422	265.890	211.288.654	1.53 %
AMERICAN EXPRESS	515	6.78.908	630	890.538	-151.683	33.638.138	-0.83 %
AMERICAN EXPRESS	234	340.671	84	75.071	205.671	26.345.671	1.31 %
AMERICAN EXPRESS	346	458.872	163	856.872	-435.872	52.456.972	-1.23 %
AMERICAN EXPRESS	301	148.075.43	78	67.076	138.875	14.096.976	1.36 %
AMERICAN EXPRESS	1.339	1.426.587	1.345	1.543.917	-143.957	241.436.987	-2.58 %
AMERICAN EXPRESS	587	987.326	321	917.326	342.326	156.987.326	0.78 %
AMERICAN EXPRESS	1.342	2.689.987	768	1.533.887	942.842	29.846.882	2.82 %
AMERICAN EXPRESS	788	987.526	890	1.188.923	-190.526	180.235.635	-2.63 %
AMERICAN EXPRESS	429	562.052	309	824.782	246.926	45.635.883	0.92 %
AMERICAN EXPRESS	1.485	1.952.025	182	2.239.738	-289.738	98.653.893	-2.89 %

# MONITOR YOUR ORDERS ONLINE

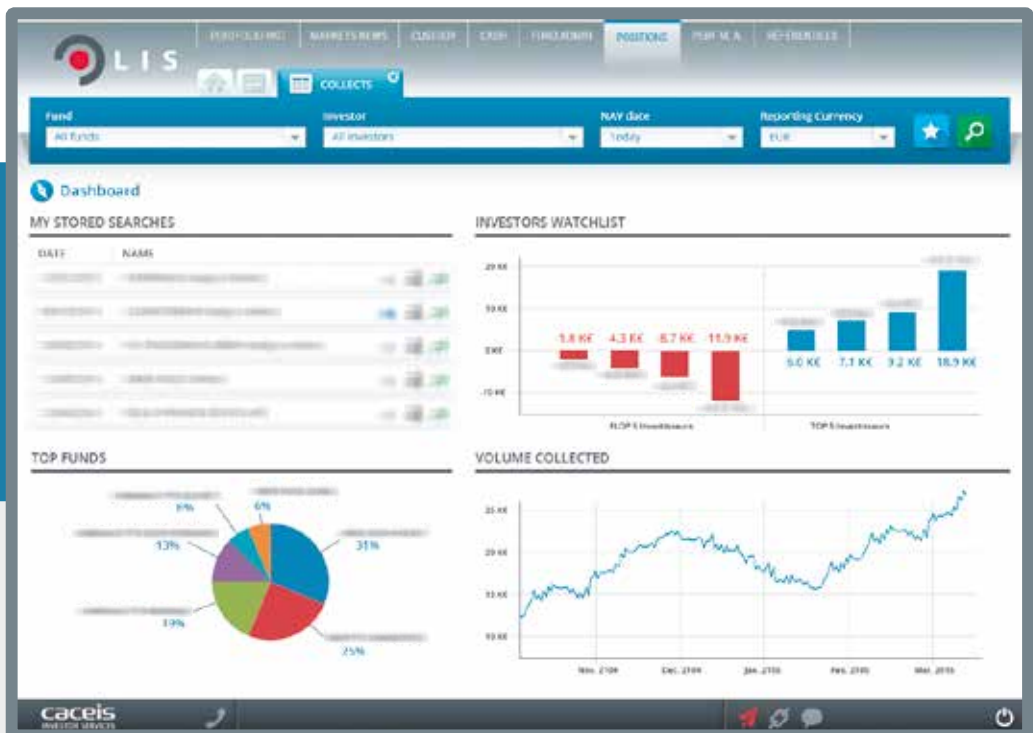
In OLIS you have access to subscription/redemption orders for your funds 24-hours a day as soon as they have been entered into our TA system.

Transactions and their status can be viewed in real-time.

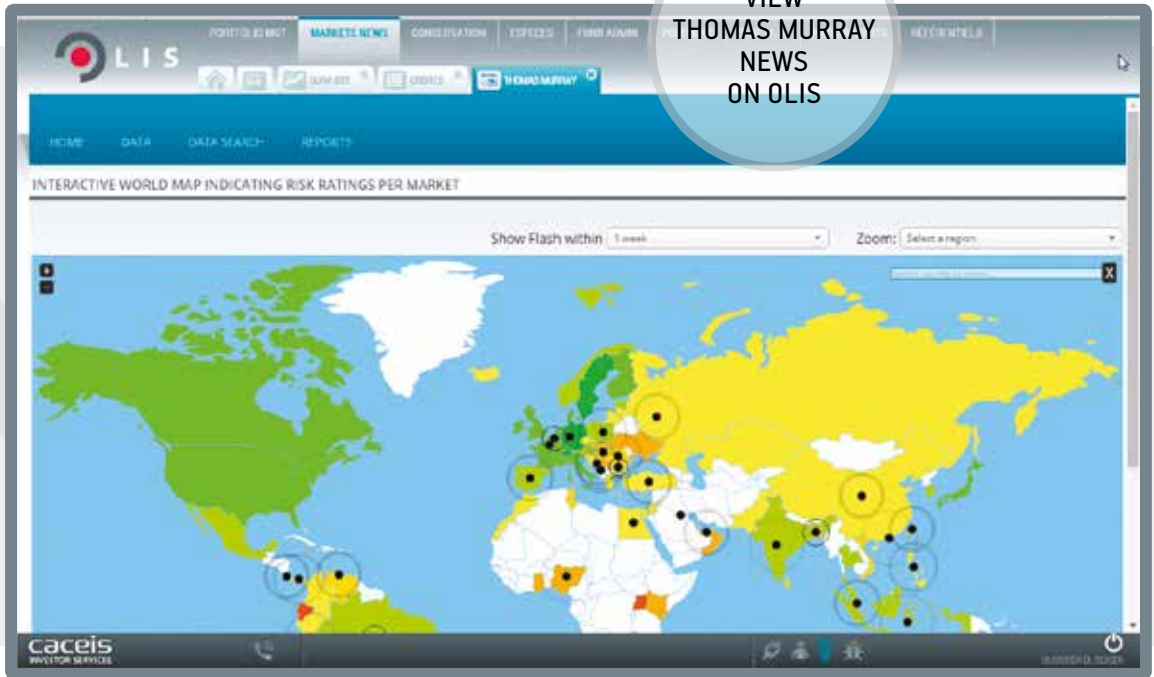
You can obtain transaction details simply by clicking:

- investor details: account number, name, etc.
- transaction status
- reception, trade, NAV and settlement dates
- invested amount in both the investor and the share-class denominated currencies
- NAV and any FX rates used
- fees and commissions accounts
- etc.

A dashboard summarises the status of your investment inflows in real-time.



VIEW  
THOMAS MURRAY  
NEWS  
ON OLIS



WWW.OLISNET.COM

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# MIDDLE-OFFICE

CACEIS' Middle-Office offering consists of 3 separate packages: "Light Trade Management", "Full Trade Management" and "Position Keeping".

Whichever service level is selected, OLIS enables you to monitor the business you delegate to CACEIS in real-time.

## TRADE MONITORING

### REAL-TIME TRANSACTION MONITORING...

Dedicated screens enable you to monitor the status of your transactions from entry through to settlement for all types of transaction.

### ...WITH SEARCH OPTIONS

You can target your searches by combining various criteria such as the type of date or order status. You can also use additional criteria such as the order or asset type, counterparty, transaction or payment currency.

You can access transaction details by clicking on a row.

The screenshot displays the OLIS Trade Monitor interface. At the top, there is a navigation bar with tabs for 'PORTFOLIO ACT', 'MARKETS NEWS', 'CUSTODY', 'CASH', 'FUND ALLOC', 'POSITION', 'PERF M.A.', and 'REPORT FACTORY'. Below this is a search bar with fields for 'ACCOUNT', 'Date type' (set to 'Entry'), '11/04/2015', '00040015', and 'SEARCH'. The main area shows 'SEARCH RESULT : 923 TRADES' and a table of trade data.

Error descry	Asset class	Entry date	Account	Status	Direction	ISIN	Single/block	Client ref.	Asset name	Place of trade	Quantity	Trade
Uploaded elem	Bond	11/03/2015 13:5		Rejected	Sell		Single	19658115001	Bourse de Luxe		450.000.00	EUR
Uploaded elem	Bond	11/03/2015 13:5		Rejected	Sell		Single	19658115001	Bourse de Luxe		450.000.00	EUR
Uploaded elem	Bond	11/03/2015 13:5		Rejected	Sell		Single	19658115001	Bourse de Luxe		450.000.00	EUR
Uploaded elem	Bond	11/03/2015 13:5		Rejected	Buy		Single	19599484003	EURONEXT BRU		1.000.000.00	EUR
Uploaded elem	Bond	11/03/2015 14:0		Rejected	Buy		Single	19599484003	EURONEXT BRU		1.000.000.00	EUR
Uploaded elem	Bond	11/03/2015 14:0		Rejected	Buy		Single	19599484003	EURONEXT BRU		1.000.000.00	EUR
Uploaded elem	Bond	11/03/2015 14:0		Rejected	Buy		Single	19599484003	EURONEXT BRU		1.000.000.00	EUR
Uploaded elem	Bond	11/03/2015 13:5		Rejected	Sell		Single	19638115001	Bourse de Luxe		450.000.00	EUR
Uploaded elem	Bond	11/03/2015 13:5		Rejected	Sell		Single	19638115001	Bourse de Luxe		450.000.00	EUR
Uploaded elem	Bond	11/03/2015 13:5		Rejected	Sell		Single	19638115001	Bourse de Luxe		450.000.00	EUR
Uploaded elem	Bond	11/03/2015 14:0		Rejected	Buy		Single	19599484003	EURONEXT BRU		1.000.000.00	EUR



# INDIVIDUAL OR BULK ENTRY

Enter your transactions individually (UCITS subscriptions/redemptions, cash transfers, share or bond buy/sell orders, etc.) or opt for bulk input by uploading files. All orders entered into the system are subject to validation by the user-validator(s) that you have designated.

In the case of equity, bond, transferable debt security, futures and options transactions, you can enter both single and block orders (an allocation input table is opened).

The screenshot displays the LIS Order Entry interface. At the top, there is a navigation bar with tabs for PORTFOLIO MGT, MARKETS NEWS, COUNTRY, CASH, FUND ADMIN, POSITIONS, REPORT FACTORY, and REFERENCES. Below this is a sub-header for ORDER ENTRY. The main area is divided into several sections:

- ASSET DETAILS:** Includes a Security search field, a dropdown menu, and a "Search Assets" button. Fields for Product (FLORAL), Last NAV date (24/04/2014), and Last NAV (6.47 EUR) are visible.
- ORDER DETAILS:** Features input fields for Quantity and Amount, and a dropdown for Settlement currency (EUR).
- REFERENCES:** Contains fields for Client ref, Canceled ref, and Cut off date.
- Other fields:** Cut-off time (GMT Paris), Periodicity, and Trading currency (EUR) are also present.

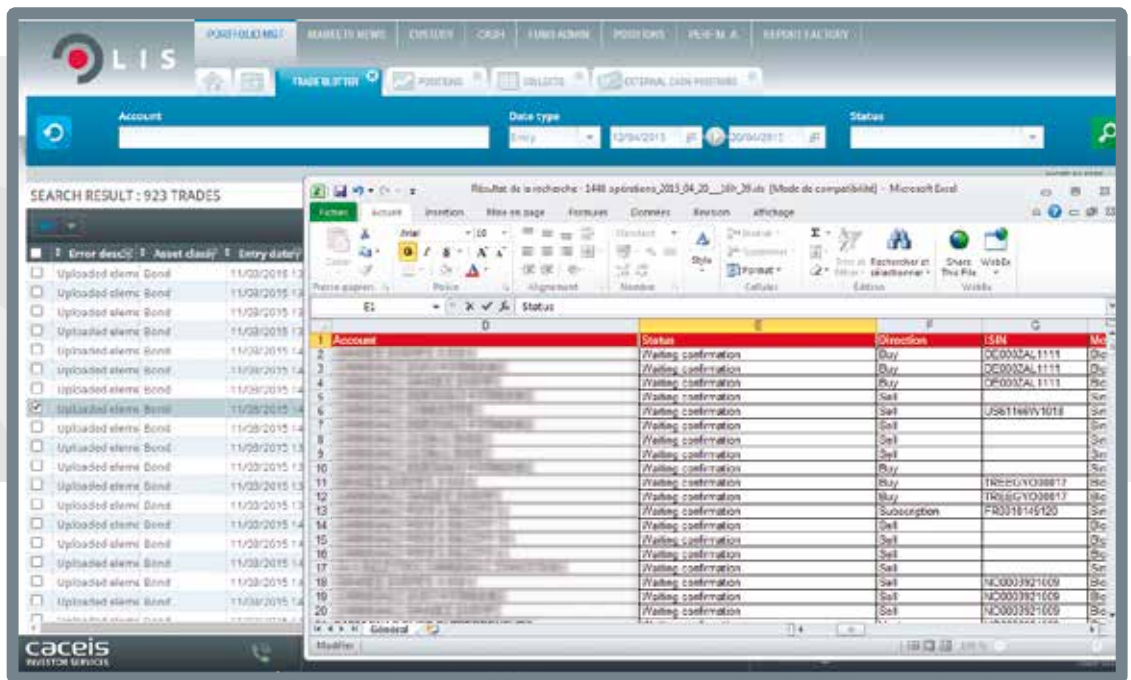
At the bottom left, there is a "FEES" section, and at the bottom right, a "COMMENT" section.



# EXTRACTING DATA

All results tables can be exported in order to facilitate data analysis and integration into your IT systems.

You can modify the order of columns or how they are displayed and access the transaction entry module at any time.



For more information about CACEIS and our products, please visit our site: [www.caceis.com](http://www.caceis.com)





# PERFORMANCE MEASUREMENT AND ANALYSIS

CACEIS provides you with all the relevant indicators allowing you to analyse the management of your funds and understand portfolio performance in light of market trends. OLIS generates comprehensive management reports based on performance indicators.

You can benefit from visual dashboards and analytical reports which can be exported to Excel and enhanced with your company visuals and logo.

## ASSET ALLOCATION

OLIS' dashboard gives you an overview of the breakdown of assets in your portfolios and offers many classification criteria. Allocation can be analysed in relative (against the benchmark) or absolute terms. You can obtain

a snapshot of the weighting of each asset on a given date and monitor value and percentage changes.

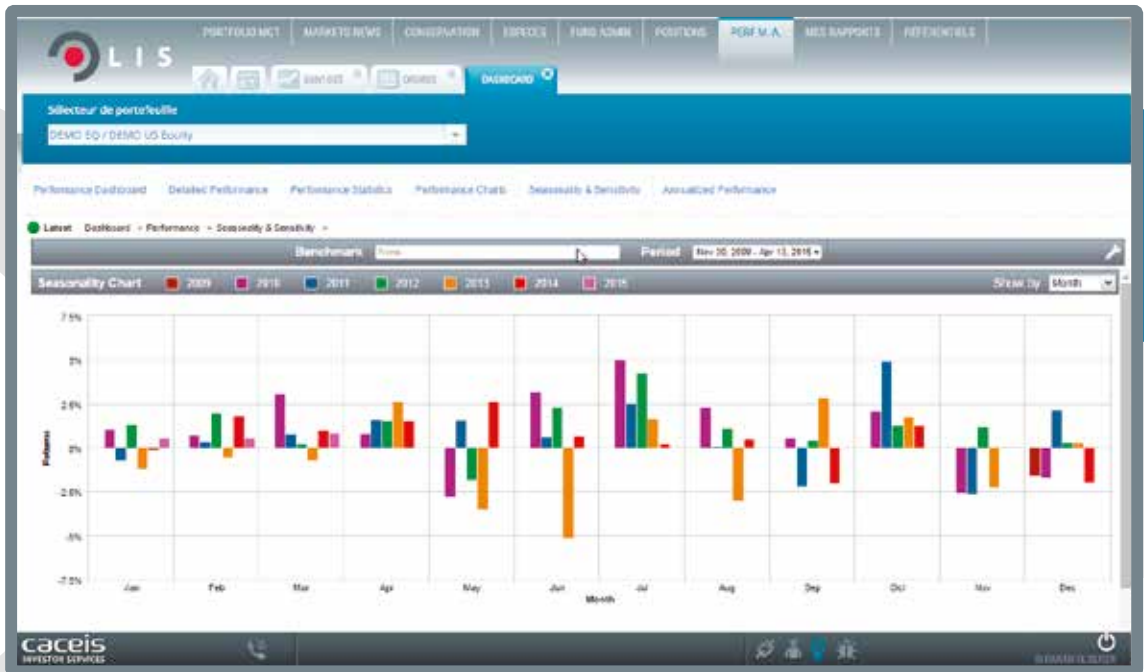


# PERFORMANCE

OLIS uses real-time weighted performance, which reflects the return on the whole portfolio together with the total for all the underlying assets in order to simplify the analysis of each item. You have access to a full set of statistics for your portfolios as well as to snapshots on various dates. You can measure external and internal performance for all your various portfolio types.

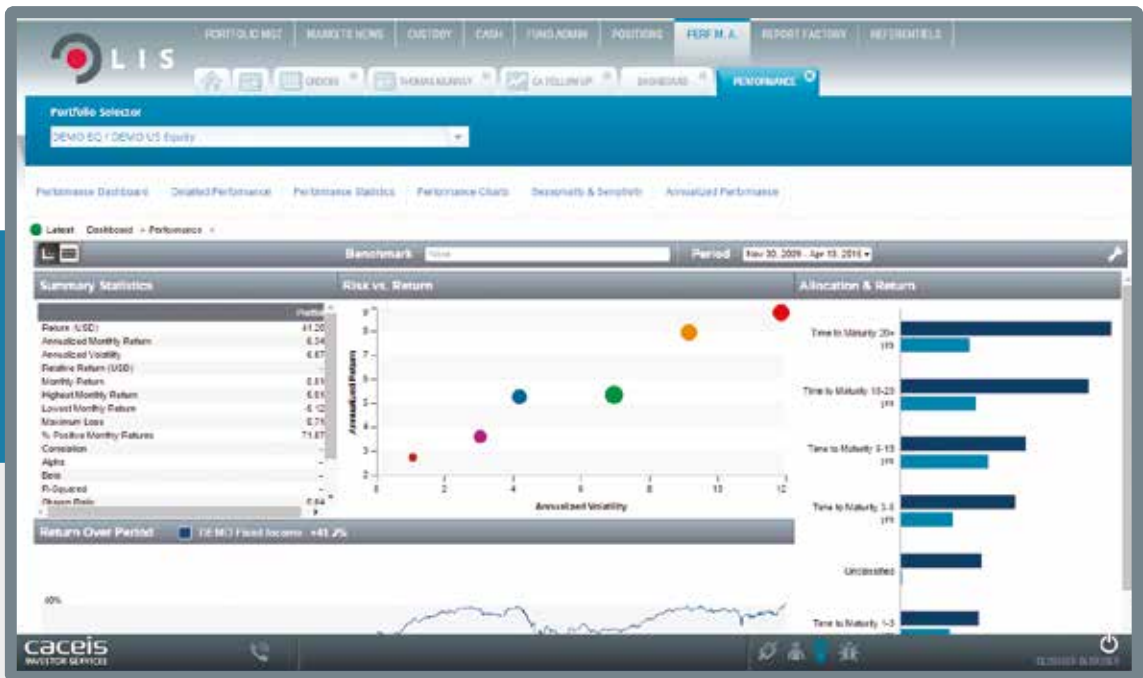
Your risk-return ratio is available in the form of graphs, statistics and is based on all types of classification (by sector, currency, etc.).

OLIS also provides heat-maps showing the real-time weighted size and the return on a given position over a period.



# CONTRIBUTION

The contribution dashboard provides a detailed view of the contribution of each component and/or security to the portfolio's performance over time. This visual display of the size of positions and their respective contribution provides transparency and an insight into the most profitable investments over the long term.



# EQUITY ATTRIBUTION

Equity attribution breaks down the portfolio's relative performance by allocation, selection, currency and interaction. It provides a snapshot of the relative weight and allocation over a given period and historical allocation, selection and contribution records.

# FIXED INCOME ATTRIBUTION

All types of fixed income securities, from simple to complex assets, are analysed.

The rate management process is shown using four main outputs:

- carry
- spread
- yield curve contribution
- currency contribution

OLIS provides you with reports generated at your chosen frequency (daily, weekly, monthly or on demand).



For more information about CACEIS and our products, please visit our site: [www.caceis.com](http://www.caceis.com)



# REPORTING

## ACCESS YOUR REPORTS AT ANY TIME

OLIS centralises all the reports needed to monitor the services we provide. Easily access all standard reports Caceis has configured for you. Customise and generate your operating reports by defining the account and data settings for each document, their distribution method, format or language.

### FAST AND EASY ACCESS

When you log in to OLIS, all standard and generated customised reports are available through the «inbox» widget on the dashboard and can also be found in each service dedicated section (custody, fund administration, distribution, etc.) where they can all be downloaded. You can also opt to have them sent directly to your email address.

### CUSTOMISABLE DATA & CONFIGURABLE DISTRIBUTION

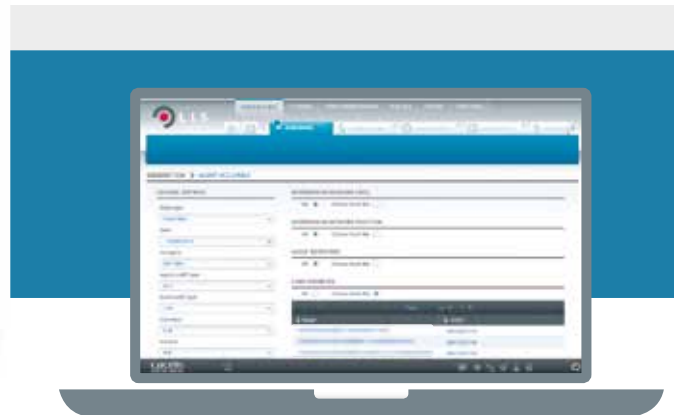
In order to produce operating reports suited to your needs, you can define:

- specific settings for your accounts
- the relevant data
- customised data-filtering rules

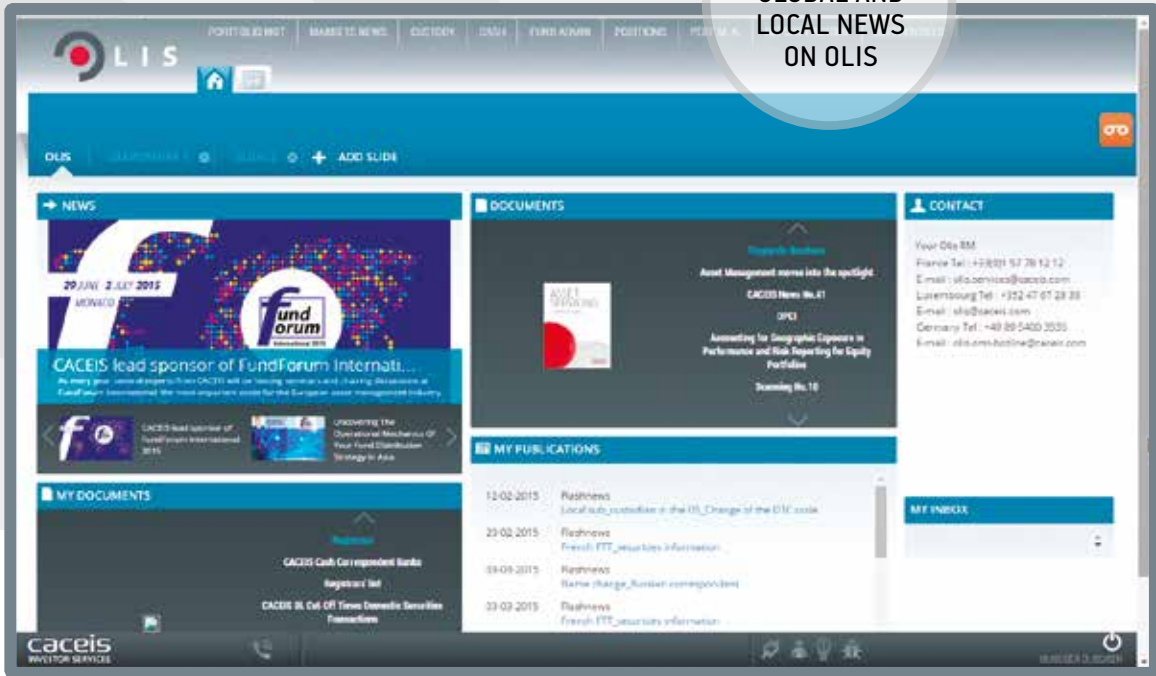
You can also configure the distribution method (in addition to access using OLIS), the format and language used for the reports:

- multi-channel: email or FTP link at your desired frequency (daily/monthly, etc.)
- multi-format: PDF or Excel
- multi-language: French or English

OLIS relationship managers are available to discuss reporting solutions that best meet your needs. Contact details can be found on the website's homepage.



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