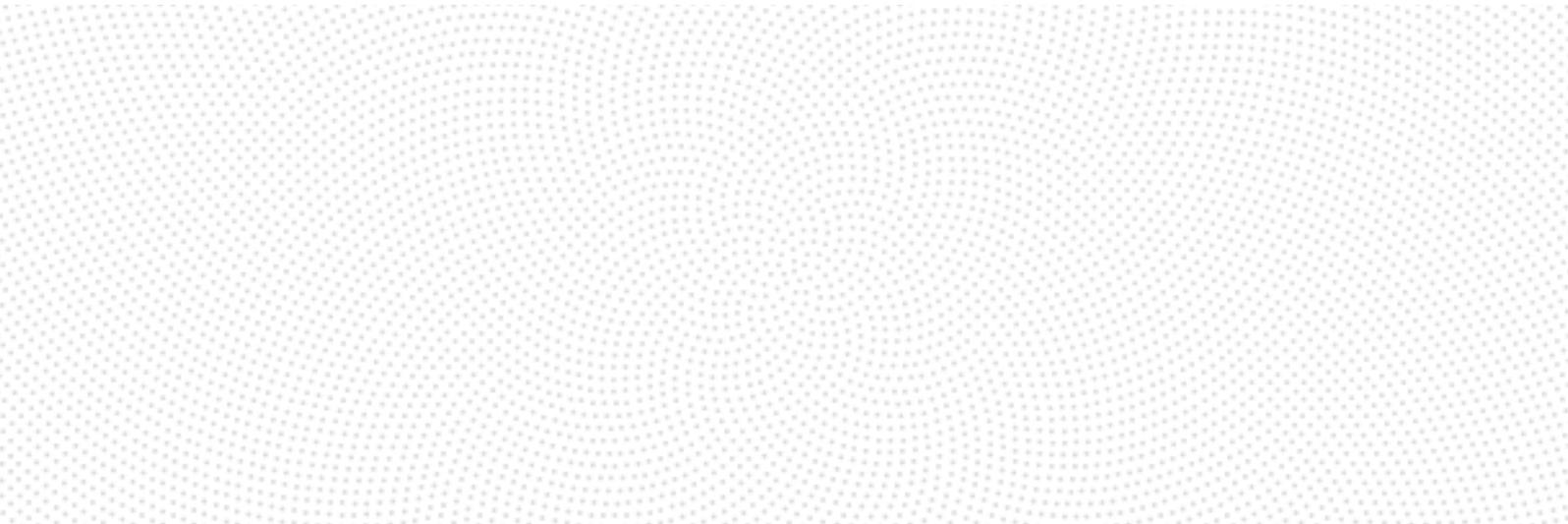


Julius Bär

USER MANUAL

E-SERVICES OF BANK JULIUS BAER EUROPE S.A.



FOR EASY AND SECURE ACCESS

WELCOME TO JULIUS BAER E-SERVICES

Dear Client,

Welcome to Bank Julius Baer Europe S.A. – your centre of expertise for private banking in Luxembourg.

This manual describes the most important functionalities to help you get started with E-Services.

Should you have questions regarding the E-Services of Julius Baer, feel free to contact our E-Services Service-Centre – our experts are happy to help you.

MAIN FUNCTIONALITIES

- **Dashboard:** A current snapshot of your financial information.
- **Portfolio:** View account and portfolio data in detail.
- **Performance:** Portfolio performance within self-defined time frames.
- **Activity:** A detailed view of your operation history.
- **Cash Flow:** Expected cash flow of your portfolios.
- **Contact:** A secure communication channel to your relationship manager.
- **E-Docs:** Access to important client documents. Function to generate a PDF Report of your portfolio.

E-CHANNELS SERVICE CENTRE

Opening hours:

Monday to Friday, 8 a.m. to 8 p.m. (CET)

Telephone numbers:

+800 0800 35 35 (toll-free)

+41 (0) 58 888 35 35 (standard rates apply)

Yours faithfully,

Bank Julius Baer Europe S.A.

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SECURE KEY

YOUR ACCESS TO E-SERVICES

You can access **E-Services** via the official website of Julius Baer:

www.juliusbaer.com

On the start page you will find a link to **E-Services Europe (Luxembourg)** in the top-right which will direct you to the **E-Services** area.

The most important information about the login process via the Julius Baer Mobile App

Your access to E-Services requires the Julius Baer Mobile App. Here you will receive a *secure key* during login. As the second security level this *secure key* must be entered in addition to the user ID and your personal password every time you log in to **E-Services**.

Before the first login

Before you can begin logging in to **E-Services**, you need to activate your mobile device. This will enable you to receive the *secure key* in the Julius Baer Mobile App.

To activate your device, please consult the next two pages for a visual guide, while having the following information available:

1. Your E-Services User-ID (e. g. JXX000)
You have received this in the first welcome letter.
2. Your initial password.
You have received this in the first welcome letter. During device activation you will be prompted to set an own personal password.
3. Activation Code.
You have received this in the second welcome letter.
4. Your smartphone (iOS/Android).
The most recent version of the Julius Baer Mobile App must be installed.

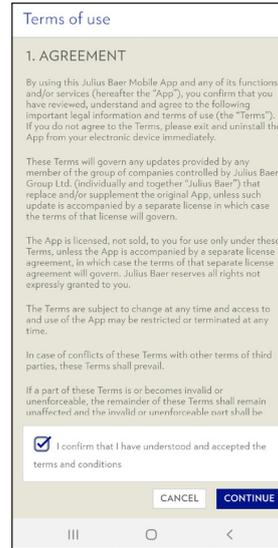
SECURE KEY ACTIVATE MOBILE DEVICE



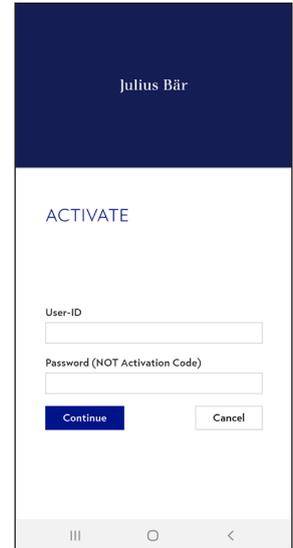
1. Select your country of residence



2. Please select "E-Services Activation"



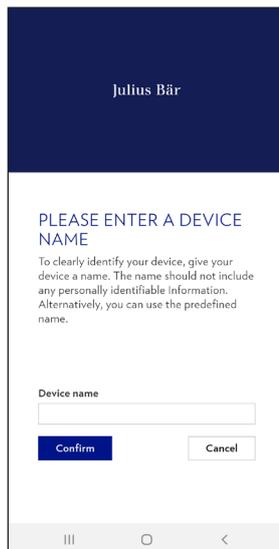
3. Accept the Terms of use



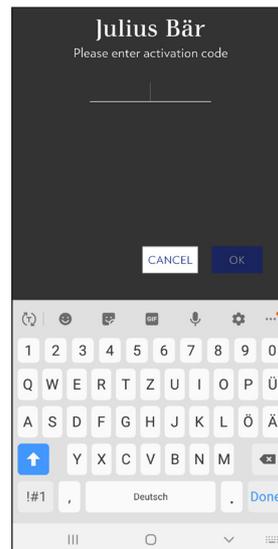
4. Enter your User-ID and Password



5. Set a new password



6. Enter a device name of your choosing



7. Enter your Activation Code

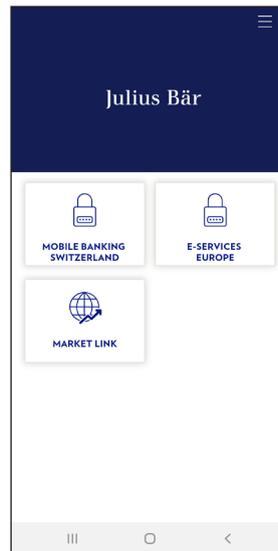


8. Decide if you would like to enable biometric authentication
Touch ID: iOS + Android
Face ID: iOS

SECURE KEY ACTIVATE MOBILE DEVICE



9. Your device has been successfully activated



10. Select “E-Services Europe” to log in to E-Services Mobile

Your mobile device is now activated and ready...

1. ...to receive the secure key for logging in to **E-Services** in a web browser on your desktop computer.
2. ...to log in to **E-Services Mobile** via the Julius Baer Mobile App on your mobile device.

E-SERVICES / MOBILE LOGIN

Login E-Services (Web Browser)

On the E-Services Page you will find a link which will direct you to the login page. Alternatively you can use the following URL:

<https://e-service.juliusbaer.lu>

- 1) Enter User-ID / Password and click submit.
- 2) Select your device from the pulldown menu to receive the secure key in the Julius Baer Mobile App.
- 3) Enter the secure key into the field and click submit.

Login E-Services Mobile (App)

After having activated your device:

1) Open Julius Baer Mobile App

2) Select E-Services Europe

3) At this point the system requests a finger print or face for biometric authentication.

OR

If biometric authentication is not enabled or does not succeed:

Enter Password into the password field and click submit.

E-SERVICES COMMON FEATURES

Overview of identical control elements and menu items



Currency

Via the currency pull-down menu you can display your portfolio in 6 different currencies.

The following currencies are available:

- Euro (EUR)
- British Pounds (GBP)
- US Dollar (USD)
- Swiss Franks (CHF)
- Swedish Krona (SEK)
- Daenish Krone (DKK)

Dimension

- Using the dimension pull-down menu enables you to view E-Services from a 'portfolio' or 'client' perspective.
- The 'portfolio' perspective shows information based only on the sub-portfolio which is selected on the right.
- The 'client' perspective offers a consolidated view of all sub-portfolios of a given client account.

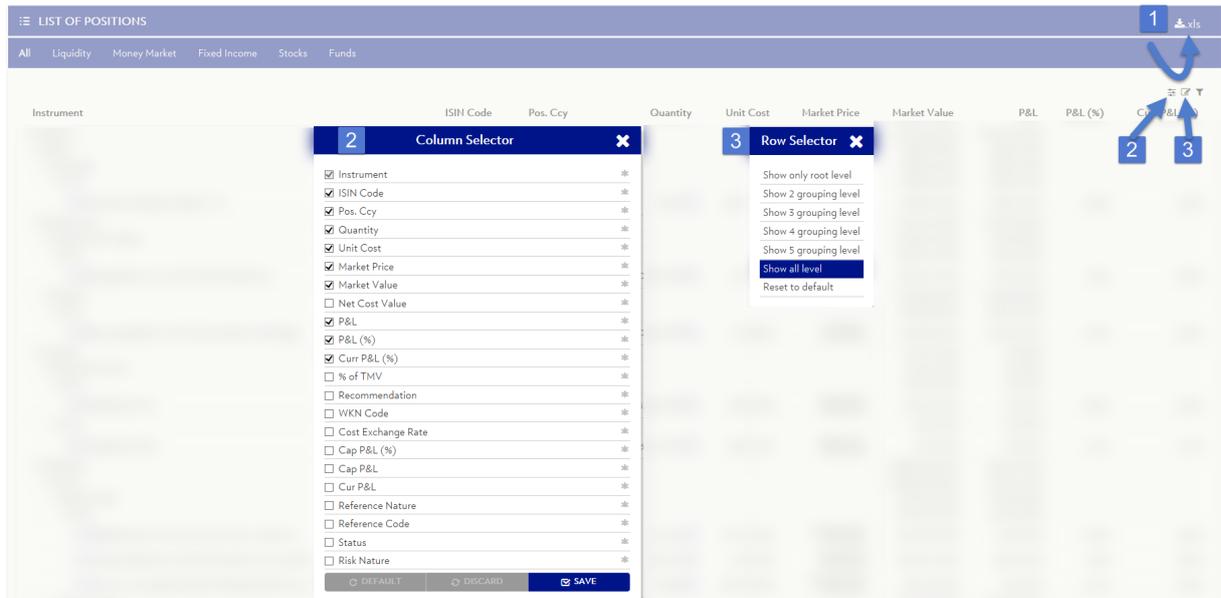
Portfolio/Client

- In the portfolio dimension you can choose between different sub-portfolios.
- In the client dimension you can choose between different portfolios to have a consolidated view.

E-SERVICES

COMMON FEATURES

Overview of identical control elements and menu items



Excel export (.xls)

This function allows you to export the respective table into an excel sheet for further computation.

Column Selector

- With the column selector you can decide which column types should be displayed for each table.
- The columns can be toggled on and off as well as ordered via drag-and-drop according to your preference.

Row selector

- The row selector enables you to choose how many levels should be expanded by default for each table.
- You can also expand each row by clicking the plus-symbol next to each category shown in the column named: 'Instrument'.

E-SERVICES

COMMON FEATURES

Overview of identical control elements and menu items

The footer-area on the bottom of your screen includes further functionalities to enhance your E-Service experience.

New Window

- The 'New Window' function allows you to open multiple instances of E- Services at the same time.

Excel

- This 'Excel' function allows you to export all tables which are visible on the page into one Excel file. Each table will have its own corresponding sheet.

Preferences

- Using the 'preferences' button you can switch the display language of E-Services.

The following languages are available:

- German
- English
- Spanish
- French

Logout

The 'Logout' button closes your current E-Services session and sends you back to the login page.

NEW WINDOW

EXCEL

LEGAL NOTICE

IMPRINT

PREFERENCES

LOGOUT

E-SERVICES

YOUR APPLICATIONS AT A GLANCE

DASHBOARD

PORTFOLIO

PERFORMANCE

ACTIVITY

EXPECTED CASHFLOW

CONTACT

E-DOCS

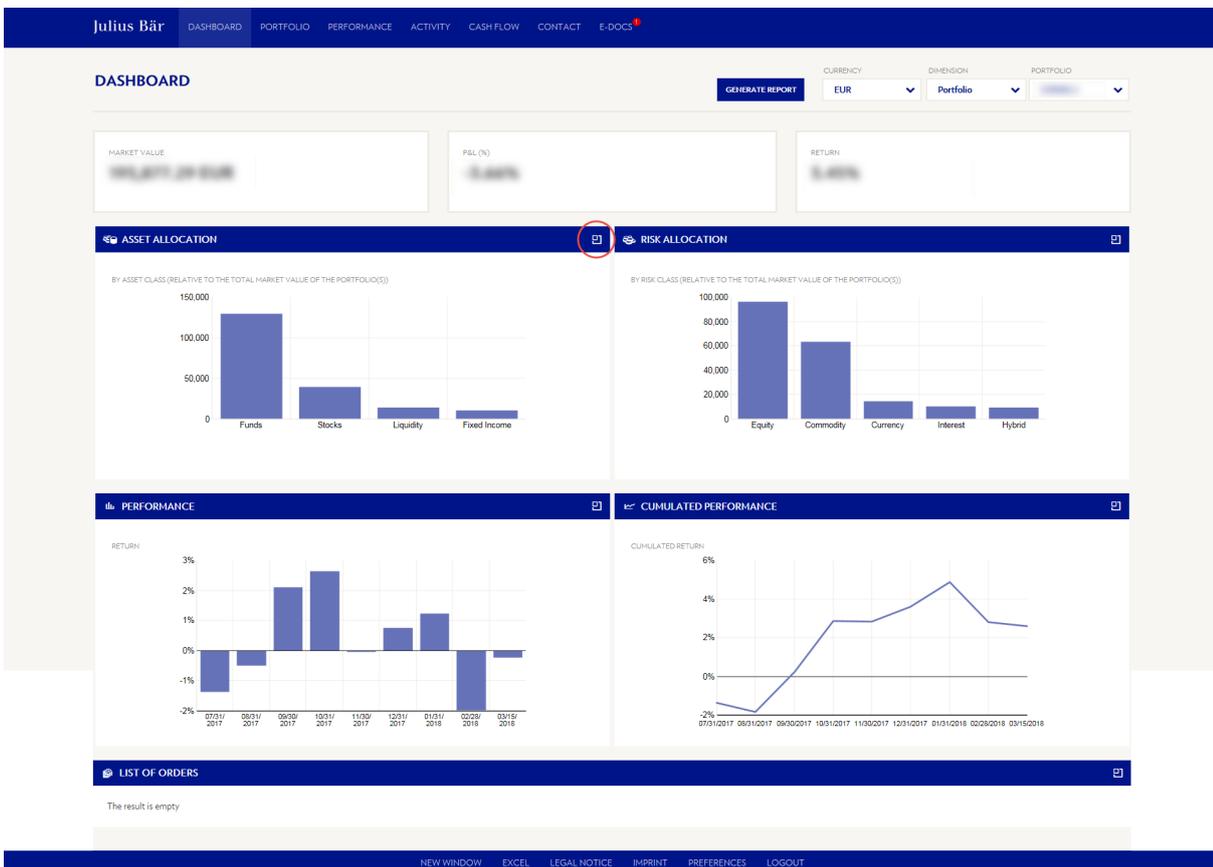
E-Services Overview

- **Dashboard:** A current snapshot of your financial information.
- **Portfolio:** View account and portfolio data in detail.
- **Performance:** Portfolio performance within a self-defined time frame.
- **Activity:** A detailed view of your operation history.
- **Cash Flow:** Expected cash flow of your portfolios.
- **Contact:** A secure communication channel to your relationship manager.
- **E-Docs:** Access to important client documents. Function to generate a PDF Report for your portfolio.

E-SERVICES DASHBOARD

An Overview

The dashboard shows the most important information about your portfolios with Julius Baer at a glance. You will find graphs which display your asset allocation, risk allocation, performance, cumulated performance and a list of active orders. Additionally you can generate a PDF report for your portfolio.



Additional function

The button on the top-right of each graph on the dashboard page takes you directly to the corresponding page for more detailed information.

E-SERVICES PORTFOLIO

Your Assets in Detail

The portfolio page includes the summary views and a list of positions.

Summary Views

In the summary views area you can see details of your portfolios summarized by asset class, rating, sector, region, duration and maturity.

List of Positions

The list of positions shows a detailed view of all your positions. These can be filtered by asset classes relevant to your portfolio.



Additional function

With the date function at the top, you have the possibility to view the state of your portfolio at any past point in time.

E-SERVICES PERFORMANCE

Development of your portfolio

The performance page includes the portfolio summary views and global details per portfolio.

Summary Views

The summary view presents you with detailed information on your investments within the defined time frame.

Global Details

Global details presents you with a month-by-month view of detailed information on your investments within the defined time frame. Additionally you can switch between 'Return' and 'Effects' view.

The screenshot displays the 'PERFORMANCE' section of the Julius Bär user interface. At the top, there is a navigation bar with 'Julius Bär' and various menu items like 'DASHBOARD', 'PORTFOLIO', 'PERFORMANCE', 'ACTIVITY', 'CASH FLOW', 'CONTACT', and 'E-DOCS'. Below this, the 'PERFORMANCE' header includes filters for 'FROM' (15.07.2017), 'TILL' (15.05.2018), 'CURRENCY' (EUR), 'DIMENSION' (Portfolio), and 'PORTFOLIO'. The main content is divided into two sections: 'PORTFOLIO SUMMARY VIEWS' and 'GLOBAL DETAILS PER PORTFOLIO'. The 'PORTFOLIO SUMMARY VIEWS' section shows a table with columns for 'Portfolio', 'Initial Market Value', 'Final Market Value', 'Investment/Withdrawal', 'Profit & Loss', 'Capital P&L', 'Currency P&L', 'Real Capital P&L', 'Unreal Capital P&L', 'Real Currency P&L', 'Unreal Currency P&L', 'Income', and 'Fees & Taxes'. The 'GLOBAL DETAILS PER PORTFOLIO' section has tabs for 'Return' and 'Effects'. It features two line charts: 'RETURN' comparing 'Return (TVR)' and 'Benchmark Return' from 07/31/2017 to 03/31/2018, and 'CUMULATED RETURN' comparing 'Cumulated Return' and 'Cumulated Benchmark Return' from 07/31/2017 to 03/31/2018. Below the charts is a detailed table with columns for 'Period', 'Initial Market Value', 'Final Market Value', 'Investment/Withdrawal', 'Profit & Loss', 'Gain & Loss Cumul', 'Return (TVR)', 'Cumul Return', 'Capital P&L', 'Currency P&L', 'Income', 'Fees & Taxes', and 'Benchmark Return'. The bottom of the page has a footer with links for 'NEW WINDOW', 'EXCEL', 'LEGAL NOTICE', 'IMPRINT', 'PREFERENCES', and 'LOGOUT'.



Additional function

By clicking on the calendar at the top, you can change the time periods to see your performance within a specific time period.

E-SERVICES ACTIVITY

Operation history

The activity page includes the activity summary and activity details of transactions. Additionally an overview of all orders can be displayed in detail.

Transactions

Activity Summary

The activity summary presents you with consolidated information on your transactions within the defined time frame. You can view this by portfolio or by instrument.

Activity Details

All security transactions and cash movements are listed in detail within the defined time frame. You can filter them by the different asset classes in your portfolio. Additionally you can view your cash movements across different currencies.

Orders

List of orders and executions

Orders and executions which are active at the moment will be listed.

Accounted Records

A historical view of orders and executions within the defined timeframe.

The screenshot displays the 'ACTIVITY TRANSACTIONS' interface. At the top, there is a navigation bar with 'Julius Bär' and various menu items like 'DASHBOARD', 'PORTFOLIO', 'PERFORMANCE', 'ACTIVITY', 'CASH FLOW', 'CONTACT', and 'E-DOCS'. Below this, there are tabs for 'TRANSACTIONS' and 'ORDERS'. The main content area is titled 'ACTIVITY TRANSACTIONS' and includes filters for 'FROM' (15.12.2017), 'TILL' (15.03.2018), 'DIMENSION' (Portfolio), and 'PORTFOLIO'. There are two main sections: 'ACTIVITY SUMMARY' and 'ACTIVITY DETAILS'. The 'ACTIVITY SUMMARY' section has a table with columns: Portfolio, Service Type, Manager, Advisor, No of Transactions, Incoming Amount, Outgoing Amount, Cash Deposits, Cash Withdrawals, and Remarks. The 'ACTIVITY DETAILS' section has a table with columns: Portfolio, Execution Date, Value Date, Operation Nature, Operation Type, Quantity, Instrument, Gross Amount (Op. Ccy), Price, Status, Operation Code, and Reversal. At the bottom, there is a footer with links for 'NEW WINDOW', 'EXCEL', 'LEGAL NOTICE', 'IMPRINT', 'PREFERENCES', and 'LOGOUT'.

E-SERVICES

CASH FLOW

Expected development

The cash flow page includes the cash summary view and the cash detailed view.

Cash Summary View

The cash summary view shows the expected cash flow for the next year.

Cash Detailed Views

The cash detailed views offer the possibility to project the development of cash flow onto the next three months, six months, nine months or one year from the starting date.



Additional function

By clicking on the calendar at the top, you can change the time periods to see your performance within a specific time period.

E-SERVICES CONTACT

A direct line to your relationship manager

The contact page enables you to communicate directly with your relationship managers.

Send message

You can send a direct message to your relationship manager. This message will be delivered to them via E-Mail.

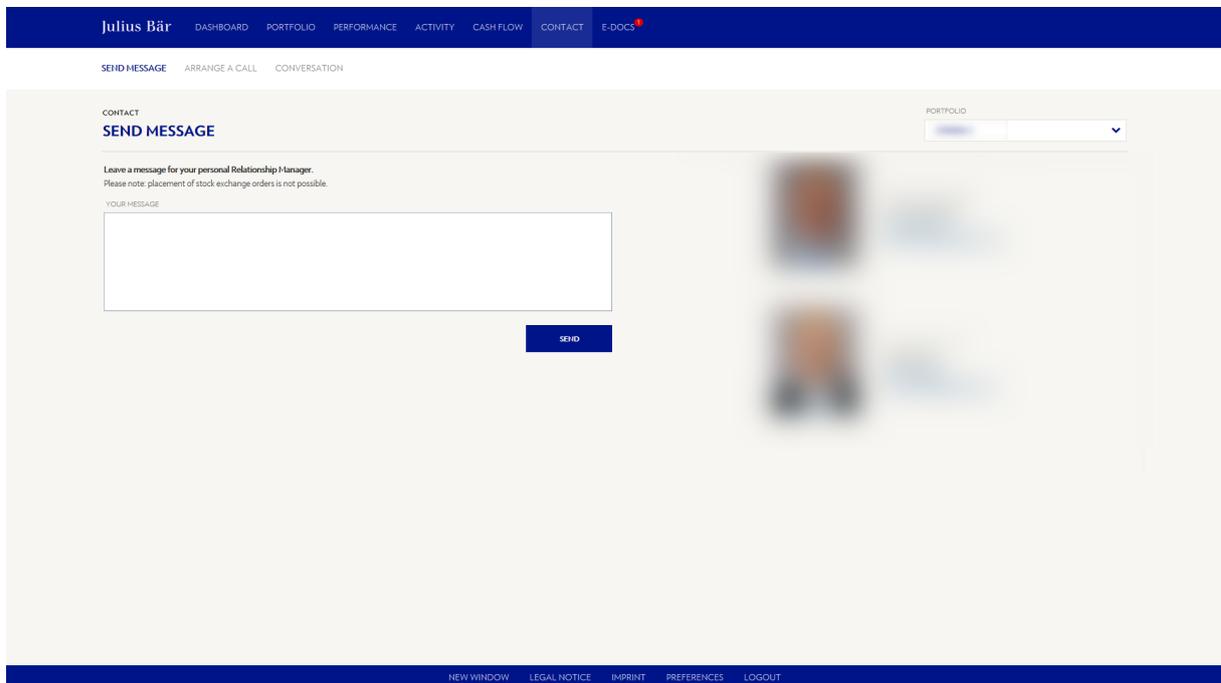
Arrange a call

On this page you can arrange a call with your relationship manager by entering a reason, suggesting a date and time and including a short message.

Conversation

This new feature in Julius Baer E-Services gives you the opportunity to enable a chat functionality in accordance with your relationship managers.

This enhances the communication possibilities greatly and provides you with a direct line to your advisors.



Please note!

For security reasons, stock market orders cannot be placed via any of the communication possibilities within E-Services.

E-SERVICES

E-DOCS

Electronic mailbox for managing client correspondence

The E-Docs page includes an overview of all documents, a Personal Inbox for MiFID II relevant documents and also the possibility to generate PDF reports.

All Documents

- Here you will find all client correspondence within a chosen time frame. Additionally you can filter by document type and read status.
- Documents marked as '[Mandatory]' are tax relevant.
- When you as the account holder have opened or downloaded your document(s), they will be marked as 'Read'.

Personal Inbox

All documents which are MiFID II relevant can be found in your personal inbox.

These are i.e. documents which must be delivered to you prior to executing a trade orders or loss notifications.

The screenshot displays the 'E-DOCS ALL DOCUMENTS' page. At the top, there is a navigation bar with 'Julius Bär' and various menu items like 'DASHBOARD', 'PORTFOLIO', 'PERFORMANCE', 'ACTIVITY', 'CASH FLOW', 'CONTACT', and 'E-DOCS'. Below this, there are tabs for 'ALL DOCUMENTS', 'PERSONAL INBOX', and 'REPORTING'. The main content area features a search and filter section with 'DATE FROM' (15.12.2017) and 'DATE TO' (15.03.2018) fields. A 'DOCUMENT TYPE' dropdown menu is open, listing various document categories such as 'Account statements', 'Annual securities account reconciliation', 'Asset Management Reporting', 'Bank transfer - funds transfer', 'Confirmation corporate actions', 'Confirmation derivatives', 'Confirmation FX', 'Confirmation Loan', 'Confirmation MFI', 'Confirmation precious metals', 'Confirmation securities', 'Correspondence', 'Credit card statements', 'Declaration of profits [Mandatory]', 'Guarantees', 'Income Report [Mandatory]', 'Personal Investment Recommendation', 'Portfolio - Loss Report', 'Position - Loss Report', 'Report regarding the EU-Savings Directive', 'Sustainability Report', and 'Supporting Documents'. Below the dropdown is a table with columns for 'Client ID', 'Portfolio Code', 'Document Type', 'Date', 'Transaction ID', 'Account', and 'Read'. The 'Read' column contains red 'x' marks. A 'DOWNLOAD' button is visible at the bottom left of the table area. The footer contains links for 'NEW WINDOW', 'EXCEL', 'LEGAL NOTICE', 'IMPRINT', 'PREFERENCES', and 'LOGOUT'.

E-DOCS AUTHORISATIONS

Account holder and attorney

After logging in, you as the account holder automatically have 'full rights', while the attorney has 'limited rights'. The table below shows what this means in practice.

'Full rights' for account holders

- You can view or print documents as PDFs, or download them (individually or as ZIP files).
 - The first time you click on an individual document or download a ZIP file, the system marks these documents as 'read'. Tax-relevant documents are considered to have been delivered once a date has been set.
-

'Limited rights' for account holders

- You can view or print documents as PDFs, or download them (individually or as ZIP files).
-



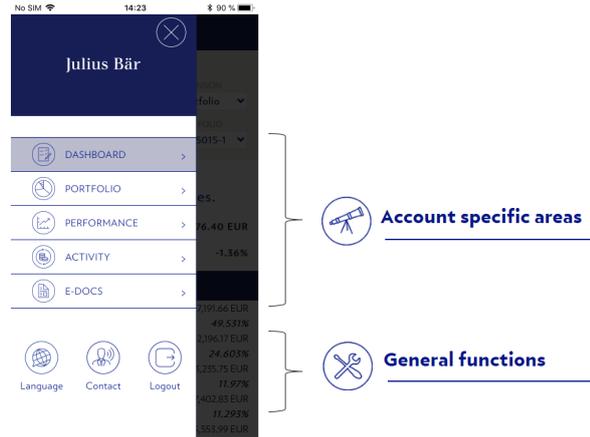
Tax-relevant documents: please note that...

- ... a red exclamation mark is used to indicate the importance of tax-relevant documents (e. g. statements of income). If such documents are not marked as 'read' by the account holder by 30 April of the year in which they are made available, the documents are automatically sent to the postal address of the account holder on file with the Bank.
 - a fee is charged in accordance with the price list (annual mailing of documents)
-

E-SERVICES MOBILE APP MAIN MENU OVERVIEW

Main Menu:

The main menu provides an overview of the account specific modules and general functions. This main menu allows you to navigate between the individual modules of the app.



Account specific modules:

- **Dashboard:** An overview of your finances.
- **Portfolio:** A list of your portfolio.
- **Performance:** The performance of your portfolio.
- **Activity:** An overview of your financial activities.
- **E-Docs:** Access to important client documents in PDF-Format.

General functions:

- **Language:** The display language of the app can be changed.
- **Contact:** You can contact your personal Relationship Manager directly.
- **Logout:** You can use this element to log off.

E-SERVICES MOBILE APP

COMMON NAVIGATION ELEMENTS

Common navigation elements in all modules:

	FROM	DIMENSION
	23.07.2018 ▾	Portfolio ▾
CURRENCY	TILL	PORTFOLIO
EUR ▾	23.10.2018 ▾	▾

Currency:

The portfolio can be displayed in 6 different currencies:

- Euro (EUR)
- British Pound (GBP)
- US Dollar (USD)
- Swiss Franc (CHF)
- Swedish Krona (SEK)
- Danish Kroner (DKK)

Dimension:

Selection option:

- **Client view:** Displays your portfolios in consolidated form per client.
- **Portfolio view:** Allows you to view different portfolios.

Portfolio/Client:

Within the portfolio display, different sub-portfolios can be selected (if available).

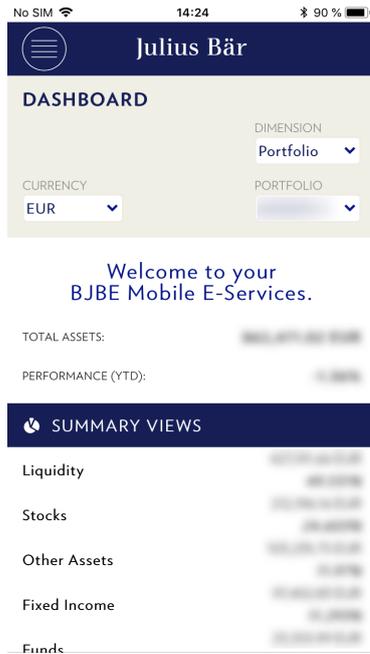
Time period (FROM - TILL):

The developments of your portfolios are displayed for the selected period.



Please note: Do not use the "Back" button of Android or iOS devices. To navigate between the individual modules of the app, please select the main menu button.

E-SERVICES MOBILE APP MODUL: DASHBOARD



Summary:

The summary shows you an overview of the respective asset class with your current portfolio.

Your portfolio is broken down into asset classes, for example:

- Liquidity
- Stocks
- Fixed Income
- etc.

The Dashboard shows a current overview of your finances. Below the navigation elements, the total portfolio is displayed, subdivided into market value and performance.

E-SERVICES MOBILE APP MODUL: PORTFOLIO

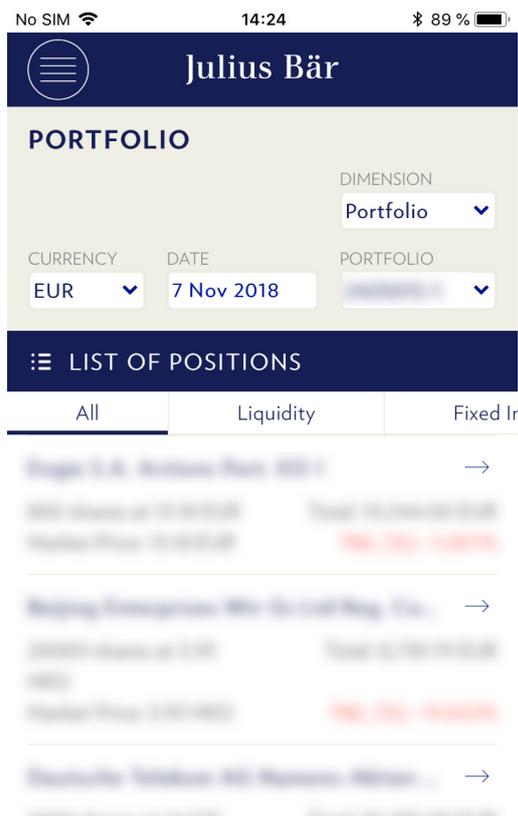
In the Portfolio module you can see the structure and composition of your portfolio.

Position Details:

Upon selecting a position you will receive a detailed overview, displaying the current quantity, market value, etc.

List of positions:

The list shows an overview of all positions, their current values and the performance (YTD):



- Instrument
- ISIN Code
- Quantity
- Unit Cost
- Market Price
- Market Value
- Pos. Market Value
- P&L
- P&L (%)
- Cur P&L
- Cap P&L (%)
- % of TMV

E-SERVICES MOBILE APP MODUL: PERFORMANCE

The performance module includes the performance of your portfolio as well as the global details of the portfolio.

Global Details per Portfolio

Shows your performance in graphical view. You can choose between:

1. Return:

Graph 'Return (TWR)':

Displays the return of the respective month in the selected analysis period.

(TWR = time-weighted return)

Graph 'Cumulated Return':

Displays the total returns in the selected analysis period.

2. Effects:

Graph 'Effects':

Displays the capital effect, the currency effect, the income effect and the fees and taxes effect of the respective month in the selected observation period.

Graph 'Cumulated Effects':

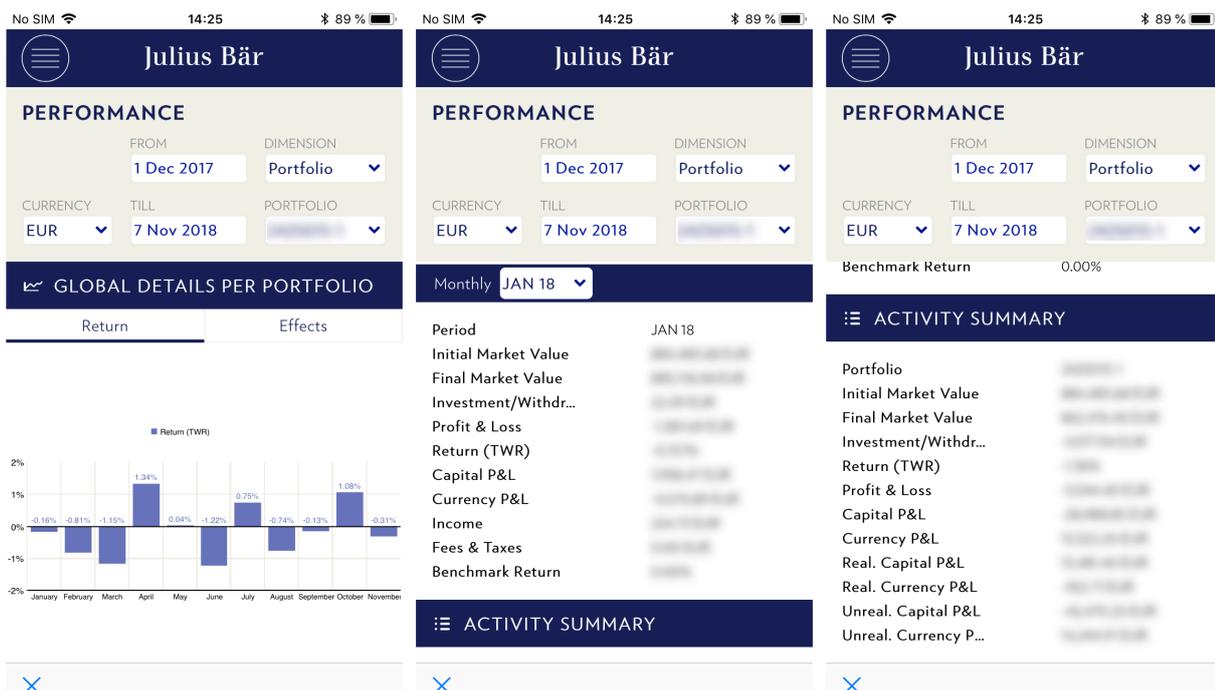
Displays the summed effects in the selected observation period.

Monthly View:

In this section, you can display various financial data for the selected month, relating to the period selected in the navigation element.

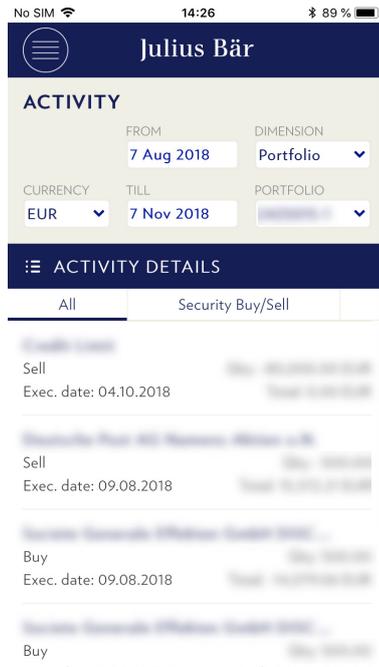
Activity Summary:

This shows various financial data of the portfolio in tabular form, related to the period selected in the navigation element.



E-SERVICES MOBILE APP

MODUL: ACTIVITY



The activity module shows an overview of your transaction history.

Activity Details

This view provides a detailed overview of your securities transactions which have been booked in the selected period.



Please note: In this module, no pending orders are displayed. The activity list displays only orders which have been accounted.

E-SERVICES MOBILE APP MODUL: E-DOCS



You will receive all important general and personal customer documents in your E-Docs mailbox. The documents are displayed as PDF files. The document can be selected according to document type and read status. These documents can be saved or shared using the device-own functionalities.

Date	Document Type	Read
29.10.2018	Confirmation securities	✓
29.10.2018	Confirmation securities	✓
18.10.2018	Confirmation securities	✓
15.10.2018	Confirmation securities	✓
08.10.2018	Confirmation securities	✓
14.08.2018	Supporting Documents	✓
31.07.2018	Supporting Documents	✓

E-SERVICES SECURITY INSTRUCTIONS

Blocking your access – notes based on special conditions

If there is reason to fear that your identification code(s) is/are known to an unauthorised third party (e. g. Password), you must change the relevant identification code immediately. If this is not possible, please instruct the Bank to immediately block access to **E-Services**.

After several incorrect login attempts, your profile will be blocked. If you have any questions, please contact the E-Services Support.

Block

You can only request the Bank to block access during the Bank's regular business hours. At other times, you can instigate a block of E-Services yourself as described in the left-hand column.

The Bank is entitled to block your access to **E-Services** at any time without prior notice or providing any reasons.



Rules for securely using E-Services

- If possible, never log in to E-Services from an unknown computer (e.g. at an Internet café)
- Change your Password regularly, as described on page 4.
- Always exit the application via 'Logout'.



Phishing: what is it?

- 'Phishing' (derived from 'password fishing' refers to the use of the e-mail addresses of well-known companies and service providers to ask clients by e-mail for their access data or get them to click on a link directing them to a forged website. The personal information or access data they enter on the forged website are then forwarded to unauthorised third parties.



Do you have any questions? We will be delighted to help.

- You are very welcome to contact your relationship manager if you have any questions or suggestions, or experience technical problems using E-Services.

What you should know – keyword ‘phishing’

Bank Julius Baer Europe S.A. will never ask you by e-mail, telephone or text message to reveal confidential data such as your account number, your user ID, your Password or your access code.

What you can do to keep your PC secure

To guarantee the maximum security, you can use the following security measures to protect your private data and documents from being viewed and misused by third parties:

- Always run the latest security updates recommended by your manufacturer.
- Use an anti-virus program that is regularly updated.
- Use a personal firewall to give your PC additional protection.
- Make sure that your storage media (e.g. DVDs, USB sticks) are free from viruses.
- When completing online forms, never use the ‘Form manager’ or ‘Auto fill’ functions of your browser, as the data entered there are saved on your PC and can be read by third parties.

OUR BUSINESS HOURS

Our business hours are Monday to Friday from 8.00 a.m. to 6.00 p.m. , except on statutory public holidays, Good Friday, Luxembourg's National Day (23 June), 24 December and 31 December.

IMPORTANT LEGAL INFORMATION

This brochure is published exclusively for clients of Bank Julius Baer Europe S.A. and is intended for information purposes only.

We trust that you will understand that, in spite of a careful review, we cannot accept any liability for the completeness and accuracy of the contents and that some details may have changed since its publication.

The Bank's General Banking Conditions apply in all other respects.

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R.C.S. Luxembourg B 8495

Competent supervisory authority:

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283, route d'Arlon

L-1150 Luxembourg

The Julius Baer Group
is present in more than
50 locations worldwide,
including Zurich (Head Office),
Dubai, Frankfurt, Geneva,
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Luxembourg, Monaco,
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