



Euroclear UK & Ireland

Quick guide to CREST membership

Becoming a client of Euroclear UK & Ireland couldn't be simpler
Just follow this step-by-step guide

November 2020

Table of contents

Introduction	1
Membership options for Corporate Members	1
How do I become a member connecting directly to the CREST system?	2
How do I become a sponsored member?	4
How do I become a CREST sponsor only?	5
What happens if your application is refused?	5
Selecting your network provider	5
Selecting your settlement bank	6
Euroclear UK & Ireland tariff	6
Training	6
Departments in Euroclear UK & Ireland	7
Charges (GBP) for client testing	7
Glossary of Terms	8

Quick guide to CREST membership

This document sets out the steps for becoming a corporate member (a form of participation which has securities and cash functionality) of the CREST system or a CREST Sponsor.

For information on how to become a personal member of the CREST system, please refer to the Euroclear UK & Ireland personal membership overview that is available on the **Private investor services page of the Euroclear website**.

Applicants wishing to apply for other business functions in the CREST system, such as Settlement Banks, Registrars, CCPs, Trading Venues and CSDs, should contact the CREST Relationship Management team, who will be happy to discuss your needs and the specific admission process. See <https://www.euroclear.com/contacts/en/commercial-contacts.html>

The admissions process for these business functions follows a similar set of steps to those set out below but there will be specific requirements and timelines depending on the function(s) requested.



Membership options for Corporate Members

There are three main options how participants can interact with the CREST system in the context of CREST membership.

You can either:

- become a member that directly connects to the CREST system, where you will need technical connectivity to the CREST system (with the option of offering this connectivity service by acting as a sponsor for other CREST system clients) or
- become a sponsored member, where you do not have a direct connection to the CREST system but interface to the CREST system via an existing CREST sponsor or
- become a CREST sponsor where you supply CREST connectivity services to other CREST members only. In this model you cannot hold securities in the System.

Applicants can also choose how their securities are held in the CREST system.

A guidance document (Euroclear UK & Ireland account segregation guidance) is available which provides details of the different segregation options and associated costs and risks, which **can be found here**.



How do I become a member connecting directly to the CREST system?

Members will need to invest in hardware and software to connect directly to the CREST system through a gateway supplied by one of the accredited CREST network providers. This will allow you to exchange electronic messages and operate a User in the CREST system. Multiple participants may be operated via the same User.

For corporate entities wishing to become a member of the CREST system, who are not currently a User in the CREST system, the following steps apply:

1. Discuss your membership options

Please contact the CREST Relationship Management team, who will be happy to discuss your needs.

See <https://www.euroclear.com/contacts/en/commercial-contacts.html>.



They will be able to guide you through the options available to you, such as segregation options (i.e. operating under a pooled or designated account structure) and also guide you in completing our customer due diligence questionnaire.

These discussions and due diligence questionnaire will determine your type of application and potential costs (including fees charged by Euroclear UK & Ireland as referred to below in the section entitled Euroclear UK & Ireland tariff) and the CREST Relationship Management team will be able to advise you on the relevant application form, business information and other due diligence documentation requirements, together with the indicative timelines.

2. Select a network provider

Connection to the CREST system is available over a secure network provided by accredited network providers SWIFT (CRNet service) and BT (Settlenet service).

You will need to enter into a contract with one or both of the network providers, depending on your preferences and contingency requirements.

There is normally a lead time associated with the installation of a secure gateway provided by your network provider, therefore we suggest that you speak to your network provider early in the application process. Contact details for both BT and SWIFT can be found later in this document.

3. Choose your communication format

The CREST system can be accessed over the selected network provider via file transfer using CREST proprietary messages, or via ISO 15022 messaging. Members can connect from their own back-office systems with interfaces developed by themselves or by third party software vendors. We also provide a CREST GUI (a downloadable client application providing a Graphical User Interface), which gives access to the full range of system functionalities, including all input and enquiry messages and a comprehensive help facility.

4. Select a settlement bank

You will need a settlement bank to extend credit within the CREST system to fulfil your payment obligations. Clients are able to settle transactions in sterling, euros and US dollars. You will need to enter into a contract with one or more of the settlement banks, in line with your currency requirements.

You can find a list of settlement banks which have agreed to offer credit and liquidity to CREST members, together with their contact details, below.

5. Submit your application

Please submit your completed application form to your assigned Relationship Manager who can also assist with any issues or questions relating to completion of the application documents. We will provide a response to your application within a calendar month of receiving the signed application form.

Applicants should note that all requested documentation and information (including due diligence information) must be supplied satisfactorily completed to allow us to process the application and conduct the relevant level of due diligence within a calendar month. This includes providing us with an indication of your selected settlement bank and network provider.

In the event that the requirements as set out above (including the provision of all required documentation and due diligence information) have not been satisfied within the above period following submission of your formal application, we will be obliged to reject the application. Therefore, it is important that you have taken the necessary steps to satisfy these requirements (including preparing the necessary documentation) within the required timeframe.

6. Book your training

Following the approval of your application for membership, as a User, you are entitled to receive up to a day's training (free of charge). To discuss your training requirements with respect to the use of CREST and to organise one or more training sessions.

Please contact:

Peter Caldwell by email peter.caldwell@euroclear.com.

7. Book and complete new user trialling

As part of the onboarding process, you will be required to pass mandatory accreditation testing. This user trialling is designed to help you become familiar with the CREST system and its processes (full trialling scripts will be provided by our Client Testing team).

A guide is available on the Euroclear website detailing the trialling process and includes a book form.

Available trialling slots are also published on the Euroclear website, which **can be found here**.



In order to book a trialling slot please call:

+44 (0)84 5964 5648 or

email eui-client-testing@euroclear.com

8. Agree a live date and go live

Once the above steps have been completed, we can agree a go live date that meets your business needs, provided all criteria for participation have been met.

See *Eligibility criteria for participation in the CREST system – Corporate entities* for further details.



We will then enable your User ID and Participant ID(s) to become fully operational in the CREST system.

How do I become a sponsored member?

For corporate entities wishing to become a sponsored member of the CREST system, the following steps apply:

1. Discuss your membership options

Please contact the CREST relationship management team, who will be happy to discuss your needs.

See <https://www.euroclear.com/contacts/en/commercial-contacts.html>.



They will be able to guide you through the options available to you, such as segregation options (i.e. operating under a pooled or designated account structure) and also guide you in completing our customer due diligence questionnaire.

These discussions and due diligence questionnaire will determine your type of application and potential costs (including fees charged by us as referred to below in the section entitled Euroclear UK & Ireland tariff), and the CREST relationship management team will be able to advise you on the application, and other due diligence documentation requirements, together with the indicative timelines.

2. Select a CREST sponsor

You will need to enter into appropriate arrangements for your business with a sponsor.

A **list of potential sponsors** can be found in the third-party settlement agents page of the Euroclear website.



3. Select a settlement bank

You will need a settlement bank to extend credit within the CREST system to fulfil your payment obligations. Clients are able to settle transactions in sterling, euros and US dollars. You will need to enter into a contract with one or more of the settlement banks, in line with your currency requirements.

You can find a list of settlement banks which have agreed to offer credit and liquidity to CREST members, together with their contact details, below.

4. Submit your application

Please submit your completed application form to your assigned Relationship Manager who can also assist with any issues or questions relating to completion of the application documents. We will provide a response to your application within a calendar month of receiving the signed application form.

Applicants should note that all requested documentation and information (including due diligence information) must be supplied satisfactorily completed to allow us to process the application and conduct the relevant level of due diligence, within a calendar month. In the event that the requirements as set out above (including the provision of all required documentation and due diligence information) have not been satisfied within the above period following submission of your formal application, we will be obliged to reject the application. Therefore, it is important that you have taken the necessary steps to satisfy these requirements (including preparing the necessary documentation) within the required timeframe.

5. Complete trialling

You may also wish to undertake a period of trialling with us through your sponsor (with the sponsor's agreement). To do this, you will need to have been given access to a system which connects with our system.

6. Agree a live date and go live

Once the previous steps have been completed we can now agree a go live date that meets your business needs, provided all criteria for participation have been met.

See *Eligibility criteria for participation in the CREST system – Corporate entities* for further details.



We will then enable your User ID and Participant ID(s) and they will become fully operational in the CREST system.

How do I become a CREST sponsor only?

The procedure for becoming a CREST sponsor only is identical to those defined in the section headed 'How do I become a member connecting directly to the CREST system', with the exception of step 4 (Select a settlement bank).

What happens if your application is refused?

If your application is refused for any reason, we will provide a written explanation including reasons for refusal. You may choose to re-apply, if, for example, the reason for refusal was due to a failure to meet criteria for participation, such as insufficient documentation provided. Alternatively, you have the option to make a complaint to our competent authority, the Bank of England, within one calendar month of receiving your refusal from us.

Selecting your network provider

You can take advantage of a range of connectivity options. We provide both interactive and batch messaging options, all of which subscribe to the highest communications standards.

You can choose one or more of the following communications options to meet your business needs:

- File transfer
- ISO-compliant interface
- Graphical User Interface (GUI)

You can connect directly to us via a choice of two network providers:

BT	Kaiyee Burnet	settlenet@BT.com +44 (0)23 8026 7314
SWIFT	SWIFT Sales	UKISALES@Swift.com +44 (0)20 7762 2000

Clients also have the option of utilising pre-packaged and developed software available from a range of software providers who have developed advanced communication interfaces with the CREST system. For a list of software providers, please visit www.euroclear.com

Selecting your settlement bank

Settlement bank arrangements are agreements that are bilateral contracts outside of Euroclear UK & Ireland.

For details of settlement banks offering CREST CAP facilities please see below.

Bank of Scotland	Mhairi Wilson	+44 (0)13 1659 0262	Mhairi.Wilson@Bankofscotland.co.uk
Barclays Bank plc	David Gaselee	+44 (0)20 7116 5524	david.gaselee@barclays.com
Citibank N.A.	Peter Stewart	+44 (0)20 7500 2959	peter.a.stewart@citi.com
	Chris Brewster	+44 (0)20 7986 4519	chris.brewster@citi.com
Deutsche Bank A.G.	Neil Gemmell	+44 (0)20 7541 4993	neil.gemmell@db.com
	Nicholas Cheremeteff	+44 (0)20 7545 2200	nicholas.cheremeteff@db.com
	Philippe Mior	+44 (0)20 7547 6385	philippe.mior@db.com
HSBC	Andrew Gosling	+44 (0)20 3359 4524	Andrew.d.Gosling@HSBC.com
Lloyds Bank plc	Mhairi Wilson	+44 (0)13 1659 0262	Mhairi.Wilson@Bankofscotland.co.uk
Natwest Bank	Neil Sharp	+44 (0)77 6861 5087	neil.sharp@natwest.com
Royal Bank of Scotland	Neil Sharp	+44 (0)77 6861 5087	neil.sharp@natwest.com

Euroclear UK & Ireland tariff

Full details of the Euroclear UK & Ireland tariff are available on www.euroclear.com. A monthly invoice is sent to the user, which covers the charges accrued in the previous calendar month and all the members associated with it. The monthly invoice is collected by direct debit.

Training

Euroclear UK & Ireland provides training in support of its settlement services and offers clients bespoke in-house training and a range of public courses. One day's training is available free of charge to all new users. To request a training brochure, or to discuss your training needs.

Please contact:

Peter Caldwell by email peter.caldwell@euroclear.com.

Departments in Euroclear UK & Ireland

Account & Client Relationship Management

You will be assigned a dedicated Account and Relationship Manager who will discuss your requirements and assist you with the application.

Client Data Management

Specialists in account setup and membership standing data, Client Data Management can support you in the completion of your membership application documents.

Call +44 (0)20 7849 0997 or

email uk-membership@euroclear.com

UK Client Contact Centre

Your dedicated client support help desk is available between 05:00 and 20:00 every business day. The Client Contact Centre can advise on all aspects of system functionality.

Call +44 (0)84 5964 5648 (option 4) or

email client_service_london@euroclear.com

Euroclear UK & Ireland Client Testing Team

Our Client Testing Team can help you test all production (live) file transfer and interactive system functionality. ISO messaging is supported during certain periods.

Call +44 (0) 8459 645 648 (option 5) or

email eui-client-testing@euroclear.com

Charges for client testing

Mandatory	GBP 1,500	for 3 days
Extra days unscripted	GBP 400	per day
Extra days scripted	GBP 500	per day

More detailed information is available in the *CREST Reference Manual*, available on my.euroclear.com

Glossary of Terms

Authentication	The security process by which messages are identified as having come from a particular gateway computer or, where the relevant CREST Regulations permit, the computer of a depository, clearing house or exchange and as not having been interfered with during transmission across the relevant network.
Gateway computer	The terminal provided by the network provider to the user which contains the authentication hardware that enables messages to be transmitted to the CREST system.
Graphical User Interface (GUI)	The interactive software which Euroclear UK & Ireland supplies to all users to enable them to communicate with the CREST system.
Member	A participant which has securities and cash functionality in the CREST system. References to members include sponsored members where the context requires and references to members interacting with the system directly include where they do so by means of a sponsor. Securities are held in the system at member or participant level and it is the name of the member/participant that appears on the legal register.
Network provider	An organisation accredited by Euroclear UK & Ireland to provide network communication services to users.
Settlement bank	In relation to a member and in respect of any designated currency, a bank which makes and/or receives payments for the account of that member by means of the CREST system, being a bank which has entered into an agreement with Euroclear UK & Ireland to act as settlement bank in respect of that member and continues so to act.
Sponsor	A user which operates on behalf of one or more participants different from itself.
Sponsored member	A member which employs the services of a sponsor.
User	A person who has a gateway computer and network connection in order to communicate directly with the CREST system, on behalf of one or a number of participants. Users cannot hold securities in the system, nor can they be party to any transaction, though the person who is the user may also be a participant.



© 2020 Euroclear UK & Ireland Limited is incorporated in England and Wales under registered number 2878738, with registered address at 33 Cannon Street, London EC4M 5SB, United Kingdom – Tel: +44 20 7849 0000 – Euroclear UK & Ireland Limited is the operator of the CREST settlement system and the EMX Message System.

Euroclear is the marketing name for the Euroclear System, Euroclear Holding SA/NV, Euroclear SA/NV and their affiliates. All rights reserved. The information and materials contained in this document are protected by intellectual property or other proprietary rights. All information contained herein is provided for information purposes only and does not constitute any recommendation, offer or invitation to engage in any investment, financial or other activity. We exclude to the fullest extent permitted by law all conditions, guarantees, warranties and/or representations of any kind with regard to your use of any information contained in this document. You may not use, publish, transmit, or otherwise reproduce this document or any information contained herein in whole or in part unless we have given our prior written consent. Your use of any products or services described herein shall be subject to our acceptance in accordance with the eligibility criteria determined by us.



Euroclear UK & Ireland

Becoming a client

What you need to know about the CREST system
and how to become a member

December 2019

Table of contents

Why become a client of Euroclear UK & Ireland?	3
Who can become a client of Euroclear UK & Ireland?	4
How to become a client of Euroclear UK & Ireland?	4
How does the CREST system work?	6
Tariff	10
Further information	11
Contact us	11

Why become a client of Euroclear UK & Ireland?

Euroclear UK & Ireland operates the CREST system, one of the largest and most technically advanced settlement systems in the world.

Each day it receives around 1.8 million transactions for settlement in over 17,000 securities in real time, with a daily value in excess of £1 trillion. In terms of value, approximately 88% of UK equities are held in the CREST system.

The CREST system enables you to hold and settle:

- UK, Irish, Jersey, Guernsey and Isle of Man equities, warrants and covered warrants
- UK government bonds and money market instruments
- corporate debt securities
- investment funds, including unit trusts, OEICs and Exchange-Traded Funds (ETFs)

The CREST system enables you to:

- manage your transactions
- manage your payments in sterling, euros and US dollars
- manage your collateral
- receive all the benefits on your investments
- vote on your shares

Euroclear UK & Ireland is a Recognised Clearing House under the Financial Services and Markets Act 2000, an approved Operator pursuant to the Uncertificated Securities Regulations 2001 and a recognised inter-bank payment system under the Banking Act 2009.

The Euroclear advantage

Euroclear UK & Ireland is part of the Euroclear group, the pre-eminent provider of post-trade services. We help our clients to be more successful by making it easier for them to: settle domestic and cross-border securities transactions and safekeep their investments. We also help clients manage the risks and exposures arising from their transactions.

Our clients are spread across more than 90 countries and include some of the world's most important financial institutions.

The Euroclear group settles more than 150 million transactions a year in over 40 currencies. The assets we hold for our clients are valued at €23 trillion. The total value of securities transactions settled by the Euroclear group is over €540 trillion per annum.

Who can become a client of Euroclear UK & Ireland?

Euroclear UK & Ireland offers membership for corporate entities and individuals.

The eligibility criteria for participation for each of the different types of corporate participant are set out in Eligibility criteria for participation in the CREST system - corporate entities, available on my.euroclear.com.

A wide range of brokers, international banks, custodians and investment houses connect directly to the CREST system. These institutions may provide access for other retail investors (including private individuals) and companies that wish to hold and settle securities electronically, but do not wish to maintain a direct connection.

Private individuals can take up CREST membership, and are referred to as 'personal members'. Personal members access the CREST system via a sponsor, often a stockbroker or bank.

For further information about corporate or personal membership, and to download our 10-point guide to becoming a client, please visit euroclear.com/join.

Membership is subject to completion of Euroclear UK & Ireland's admission process. Firms can connect directly to the CREST system from a number of locations across Europe and North America.

How to become a client of Euroclear UK & Ireland

Firms that wish to settle their securities transactions and hold their securities with us have two main options:

- become a direct member (with the option of acting as a sponsor)
- become a sponsored member, operating through a sponsor

Direct members are firms that have invested in the hardware and software to connect directly to the CREST system. They interact with the CREST system using dedicated secure networks to exchange electronic messages.

A direct member of the CREST system can act as a sponsor for **sponsored members** that do not have a direct connection.

A **member** (whether direct or sponsored) has securities and cash functionalities in the CREST system, and is the legal owner of the securities recorded in its name in the CREST register.

Does it take long to become a member?

No. We will enable a sponsored member upon receipt of the signed agreements and satisfactory completion of the admission process. In addition to the requirements for a sponsored member, a firm becoming a direct member will also need to connect to the CREST system and complete testing. We will provide dedicated resources to assist you through the testing process.

How do I become a direct member?

To become a direct member, you will need to:

- Arrange a meeting with one of our Relationship Managers (please send an email to eui-crm@euroclear.com), who will guide you through the decision-making process.
- Choose your software interface. The CREST system can be accessed via file transfer using CREST proprietary messages, or via ISO 15022 messaging using MQSeries as the delivery mechanism. Direct members can connect from their own back-office systems with interfaces developed by themselves or by commercial software providers. We also provide a Graphical User Interface (GUI) which gives access to the full range of system functionalities, including all input and enquiry messages and a comprehensive help facility.
- Enter into a contract with one or more of the accredited network providers – BT and SWIFT. You may like to consider contracting with more than one provider in order to have adequate contingency arrangements. Connection to the network is made via one (or more) gateway(s).
- Enter into a contract with one of the payment banks, for each settlement currency required. See page 7 for more information about payment banks.
- Enter into a contract with Euroclear UK & Ireland by completing the admissions process and signing the relevant membership agreement. E-form applications, designed to make account administration easier and quicker, are available for some member types. Find out more at euroclear.com/e-Forms.
- Browse the 'Third-party software providers' section on our website to find out more about the back-office packages available. Go to my.euroclear.com/euisoftwareproviders. You will need to log in/register to view this page.
- Undertake a minimum of three days testing with Euroclear UK & Ireland to ensure your technical interface works correctly.

How do I become a sponsored member?

To become a sponsored member, you will need to:

- Arrange a meeting with one of our Relationship Managers (please send an email to eui-crm@euroclear.com), who will guide you through the decisionmaking process.
- Choose your sponsor and enter into appropriate arrangements for your business with that sponsor. A list of potential sponsors can be found in the 'Third-party settlement agents' section of our website. Go to my.euroclear.com/euisettlementagents. You will need to log in/register to view this page.
- Enter into a contract with one of the payment banks for each settlement currency required. Your sponsor may want to arrange payment facilities for you with its preferred bank. See page 8 for more information about payment banks.
- Enter into a contract with Euroclear UK & Ireland by completing the admission process and signing the relevant membership agreement.

How does the CREST system work?

Euroclear UK & Ireland is neither a custodian nor a depository in the traditional sense, as it does not hold UK, Irish, Jersey, Guernsey and Isle of Man securities on behalf of participants.

Instead, we provide a means for the owners of those securities to hold them securely in an electronic dematerialised form and receive all shareholder benefits, such as dividends and participation in other corporate actions.

Securities held in the CREST system are fully dematerialised and can only be transferred by means of electronic instructions sent to the CREST system across highly secure and resilient networks.

CREST members are the direct legal owners of the securities. Under the laws of the UK, Ireland, Jersey, Guernsey and Isle of Man, the legal ownership of dematerialised securities is evidenced by the entries in the register, which is maintained by Euroclear UK & Ireland (for UK securities), or by the issuing company or its registrar (for Irish, Jersey, Guernsey and Isle of Man securities).

Settlement

The CREST system provides for the simultaneous exchange of payment and securities at the moment of settlement.

Transactions may be the result of stock market bargains or off-market transactions and may consist of deliveries of securities against cash, securities free of payment or cash-only movements.

The settlement process

The process of settlement begins with the parties to a transaction sending their electronic instructions to the CREST system as soon as possible after dealing.

The transaction is then alleged to the relevant counterparty for matching. This means that the counterparty needs to input a corresponding instruction that matches a number of fields describing the transaction (security traded, consideration, intended settlement date, etc.). Once a matching transaction is matched, it cannot be deleted unilaterally by either party.

Real-time settlement

Real-time settlement (on trade date if required) means that you can monitor and manage your transactions throughout the day to improve settlement performance. The CREST system provides real-time direct access to live data through its wide range of flexible messaging enquiries and the GUI.

The CREST system accepts input between 04:00 and 20:00, and handles enquiries between 04:00 and 22:00. Settlement against payment for equities, gilts, eligible debt securities and notional fund units starts at 06:00. Settlement against payment stops at 14:00 for equities and notional fund units, and at 14:55 for gilts, eligible debt securities and cash.

You can continue to deliver equities and notional fund units to other members free of payment until 16:30, and gilts and eligible debt securities until 16:40. The period between 15:00 and 16:10 is used solely for collateral movements.

Central counterparty services

We operate Central Counterparty (CCP) services, which together with the relevant CCP provide full counterparty anonymity and improved counterparty risk protection.

- In cooperation with LCH.Clearnet, SIS -clear and the London Stock Exchange, we operate a central counterparty service for electronically executed trades on the SETS platform, including SETSqx, as well as trades executed on Equiduct and PLUS markets (which are cleared by LCH.Clearnet).
- Together with Eurex Clearing AG and the Irish Stock Exchange, we offer central counterparty services for securities traded on the ISE Xetra order book of the Irish Stock Exchange.
- Together with Eurex Clearing AG, we offer central counterparty services for the delivery of the securities underlying UK and Irish equity options traded on Eurex exchanges or entered bilaterally into the clearing process of Eurex Clearing AG.

Our central counterparty services allow you to take advantage of central sponsor arrangements and settlement netting.

A central sponsor is the mechanism by which transactions in the CREST system are created on a participant's behalf in relation to trades conducted on a particular trading platform. This eliminates the need for you (or your sponsor) to input securities transaction instructions into the CREST system and provides for straight-through processing.

With settlement netting, the CREST system can replace a number of transactions between the same participants in the same security with a net transaction, which can in turn be matched automatically using direct input. With our cross-platform netting service, CCPs can generate a single net position per security for each of their participants across multiple trade venues. This net position can then be instructed for settlement in the CREST system.

International settlement

Our international service provides straightforward, low-cost settlement and asset servicing for a wide range of international markets including the US, Australian, Canadian and European markets.

You use the same client interface and system framework as for UK and Irish securities. Corporate actions facilities are available, with processing carried out in the same way as for UK and Irish securities. We also provide relief at source taxation services for US and Canadian securities.

Paper interface

We offer an efficient process (known as dematerialisation) for moving certificated securities into the CREST system. A holding of certificated securities can be converted into a holding of electronic securities with no change in the legal ownership of the securities.

The CREST system is a voluntary solution and shareholders can choose to keep their securities in certificated form.

Residual settlement

The majority of UK, Irish, Jersey, Guernsey and Isle of Man securities are available to settle in the CREST system. Where securities are not eligible for dematerialised settlement, the CREST system provides an efficient residual settlement mechanism that enables the cash portion of the delivery to be reflected in the CREST system while the paper moves outside.

Funds

The Euroclear UK & Ireland investment funds service is the first integrated, electronic order routing, settlement and reconciliation solution for UK fund transactions. Orders placed with fund managers are settled through the CREST system on a T+4 basis. Orders placed via the EMX Message System can be routed into the CREST system and transactions created by direct input.

You can monitor your funds positions throughout the day and reconcile in real time. The full range of automated corporate action functionalities, as well as switches and transfers, is also provided. Transfer of legal title takes place outside of the CREST system, when the product provider or its registrar updates the legal register.

Payments

Clients are able to settle in sterling, euros and US dollars. The CREST system settles euro transactions on every TARGET2 business day.

You need to have an arrangement with one of the payment banks that have agreed to offer credit and liquidity to CREST members. The CREST system maintains a cash memorandum account (CMA) for each member, in one or more of the settlement currencies, as required by the member.

A CMA shows the net balance of payments made and received by the member at any time during the course of the settlement day. Payment obligations between the payment banks are settled in real time through arrangements with the Bank of England for sterling, the Central Bank of Ireland for euro and at the end of day for US dollars.

Reports and monitoring settlement

The CREST system does not provide printed reports to members. You can decide what information you require from the system, and how often you receive it. There are many possible queries, most with selection criteria. You can construct the appropriate query to download the information, and format it for analysis and printing locally. All enquiries are also available through the GUI.

You will need to monitor settlement for exceptions, such as transactions that have not settled or matched, or which have a delayed status that prevents them from settling.

Transaction reporting

Euroclear UK & Ireland is an Approved Reporting Mechanism (ARM), offering transaction reporting to the UK Financial Conduct Authority (FCA) through the CREST system. Our tailored services enable you to meet your reporting responsibilities in a flexible and cost-effective manner.

Stamp duty

Transactions in UK and Irish equities may be subject to stamp duty or Stamp Duty Reserve Tax (SDRT). Exemptions are available for specific types of transfer, and some types of firms (e.g. charities). Securities lending activity and the business of market intermediaries may also be relieved of duty.

The CREST system assesses all transactions for duty, relief or exemption, and enables you to claim certain reliefs and exemptions accurately and systematically.

Generally, you do not have to make additional reports or payments to the revenue authorities. The CREST system automatically calculates and collects any necessary payments of duty, and ensures that the money is paid to the authorities. The CREST system also provides full reporting to the authorities.

Comprehensive corporate actions processing

We have successfully striven to create paperless corporate actions processing, and many of our initiatives in this field now form industry standards.

We provide a full range of facilities for registrars to deliver securities and/or cash directly to members and for members to accept voluntary corporate actions by delivering securities and/or cash to a registrar.

The CREST system facilitates transaction management processes, automating the production of market claims, transformations of open transactions during company reorganisations and buyer protection for all relevant corporate actions. It also provides services which allow you to appoint and instruct proxies at company meetings electronically.

The CREST system allows fast same-day issuance of eligible debt securities for next-day (or potentially even same-day) maturity, on a straight-through processing basis.

You can receive automated dividend and interest payments directly into your cash memorandum accounts, as well as electronic tax vouchers. You can also make dividend elections electronically.

Collateral management

You can make the most of your portfolio via a range of collateral management and securities lending functions.

Collateral management facilities are available through our Delivery By Value (DBV) service. This enables you to give and receive packages of securities as collateral against the creation of a cash payment. You can enter into DBVs with maturities of up to two years. Enhanced features include intra-day mark-to-market and substitutions functionalities.

We also offer you the ability to borrow and lend securities using stock loans. We process and update loan valuations on a daily basis, saving you the operational effort. Since the CREST system handles same-day settlement, you can arrange, execute and settle your borrowing needs within a matter of minutes

More information about our services and products can be found at **euroclear.com**.

Tariff

Euroclear UK & Ireland aims to deliver services that are excellent value for money. Our objectives are to offer simple and transparent pricing, and to recover costs in an equitable way. By giving you the appropriate incentives to use our services efficiently, we intend to reflect the cost of delivering individual services as accurately as possible.

There are standing charges for users (those firms or individuals that connect to the CREST system directly), members (legal owners of securities) and member accounts.

Transaction charges are levied on transactions passing through the CREST system. Charges are structured to recognise the various possible events in the life cycle of a transaction.

A full tariff breakdown is available on our website. Go to **my.euroclear.com/euitariff**. You will need to log in/register to access this information.

The network providers and payment banks will supply details of their respective tariffs separately.

Further information

You can find more information about becoming a client at my.euroclear.com/crestmembership, including:

- 10-point guide to becoming a client – a step-by-step guide including key contact information
- Details of our training courses
- Admission and application documents

You will need to log in/register to view this page.

Contact us

If you would like to know more about becoming a client, please email the Account & Client Relationship Management team at eui-crm@euroclear.com.



© 2019 Euroclear UK & Ireland Limited is incorporated in England and Wales under registered number 2878738, with registered address at 33 Cannon Street, London EC4M 5SB, United Kingdom – Tel: +44 20 7849 0000 – Euroclear UK & Ireland Limited is the operator of the CREST settlement system and the EMX Message System.

Euroclear is the marketing name for the Euroclear System, Euroclear Holding SA/NV, Euroclear SA/NV and their affiliates. All rights reserved. The information and materials contained in this document are protected by intellectual property or other proprietary rights. All information contained herein is provided for information purposes only and does not constitute any recommendation, offer or invitation to engage in any investment, financial or other activity. We exclude to the fullest extent permitted by law all conditions, guarantees, warranties and/or representations of any kind with regard to your use of any information contained in this document. You may not use, publish, transmit, or otherwise reproduce this document or any information contained herein in whole or in part unless we have given our prior written consent. Your use of any products or services described herein shall be subject to our acceptance in accordance with the eligibility criteria determined by us.



Post-trade made easy

Euroclear UK & Ireland client service

Contact card • September 2017

UK Client Contact Centre

Your client support help desk is available between 05:00 and 20:00 every business day.

client_service_london@euroclear.com

+44 (0)8459 645 648 and select:

Option 1 > TNT

Option 2 > SWIFT

Option 3 > BT

Option 4 > CREST System Client Service

Option 5 > EUI Client Testing Team

Option 6 > EMX Message System Client Service

EUI Client Testing Team

The EUI Client Testing Team can advise you on all your testing requirements.

eui-client-testing@euroclear.com

For testing related to:

- CREST system **+44 (0)8459 645 648**
(select Option 5 > EUI Client Testing Team)
- EMX Message System **+44 (0)207 849 0116**

Payment banks

Payment bank arrangements are bilateral contracts outside of Euroclear UK & Ireland. For more information, please contact:

Bank of America Merrill Lynch

Holly Benz +49 (0)69 5899 1142

Bank of Scotland

Peter Dehaan +44 (0)20 7356 2401

Barclays Bank plc

David Gaselee +44 (0)20 7116 5524

Citibank N.A.

Peter Stewart +44 (0)20 7500 2959

Deutsche Bank A.G.

Neil Gemmell +44 (0)20 7541 4993

HSBC

Andrew Gosling +44 (0)20 3359 4524

Simon Walker +44 (0)20 7992 1476

Lloyds TSB Bank plc

Peter Dehaan +44 (0)20 7356 2401

NatWest Bank

Royal Bank of Scotland

Neil Sharp +44 (0)20 7085 4778

UBS

Sara Loftus +44 (0)20 7567 3849

Marie Ellis +44 (0)20 7567 6095

Sales & Client Relationship Management

Your dedicated account contact can help you with all your queries:

Nigel Cornall +44 (0)20 7849 0340
Head of Relationship Management nigel.cornall@euroclear.com

Matt Burt +44 (0)20 7849 0741
matt.burt@euroclear.com

Matt Clayton +44 (0)20 7 849 0210
Matthew.clayton@euroclear.com

Sarah Fairey +44 (0)20 7849 0412
Sarah.fairey@euroclear.com

Caroline Parsons +44 (0)20 7849 0581
caroline.parsons@euroclear.com

Sarah Wilson +44 (0)20 7849 0037
Sarah.wilson@euroclear.com

Group address funds-crm@euroclear.com or eui-crm@euroclear.com

Network providers

SWIFT +44(0)20 7762 2000
Tanja Haase tanja.haase@swift.com

BT +44(0)23 8026 7314
Kaiyee Burnet settlenet@bt.com

Training

We provide bespoke in-house training and a range of public courses. To discuss your training needs, please contact:

Peter Caldwell +44 (0)20 7849 0031
peter.caldwell@euroclear.com

Client Data Management

To discuss your membership application and the submission of your membership application forms, please contact:

+44 (0)20 7849 0997
uk-membership@euroclear.com

Please visit www.euroclear.com for more information about our products and services, including:

- settlement
- UK funds
- corporate actions
- securities lending and collateral management
- proxy voting
- the International Service
- stock loan data



Post-trade made easy

euroclear.com

© 2017 Euroclear UK & Ireland Limited is incorporated in England and Wales under registered number 2878738, with registered address at 33 Cannon Street, London EC4M 5SB, United Kingdom – Tel: +44 (0)20 7849 0000 – Euroclear UK & Ireland Limited is the operator of the CREST settlement system and the EMX Message System. Euroclear is the marketing name for the Euroclear System, Euroclear plc, Euroclear SA/NV and their affiliates. All rights reserved. The information and materials contained in this document are protected by intellectual property or other proprietary rights. All information contained herein is provided for information purposes only and does not constitute any recommendation, offer or invitation to engage in any investment, financial or other activity. We exclude to the fullest extent permitted by law all conditions, guarantees, warranties and/or representations of any kind with regard to your use of any information contained in this document. You may not use, publish, transmit, or otherwise reproduce this document or any information contained herein in whole or in part unless we have given our prior written consent. Your use of any products or services described herein shall be subject to our acceptance in accordance with the eligibility criteria determined by us.

Euroclear is a carbon neutral company PAS2060 certified • MA1566