

Clearstream

ClearstreamXact connectivity

Product information

Xact Web Portal – leading connectivity solutions Exactly what you need!

New technology enables customers to use a common graphical user interface (GUI) for more than one service, across the processing platforms of our different entities.

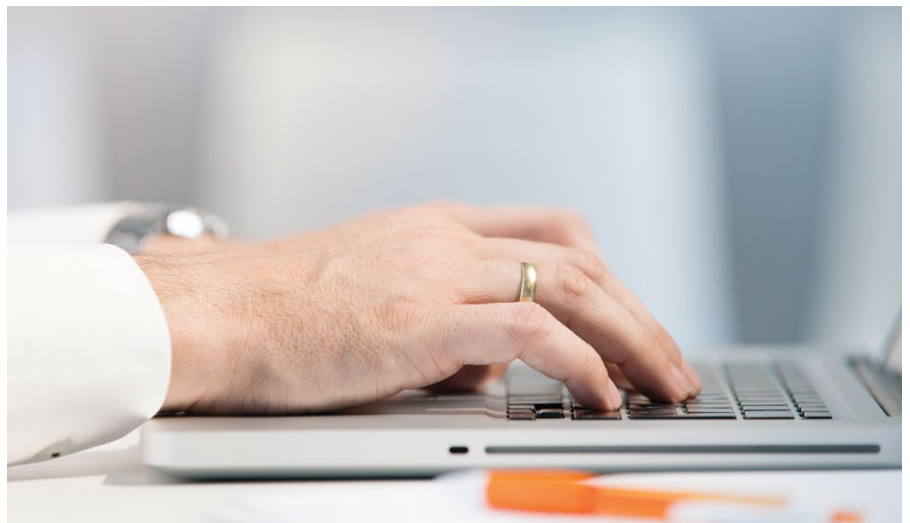
Streamlined user access to our full range of services from a single entry point. Single sign-on and powerful deployment of centralised user management.

Consistent look and feel and delivery of services regardless of the legal entity, service or geographical location of Clearstream customers or their business partners.

Dynamic, easily configurable dashboard with calendar and real-time indicators.

Accessible from anywhere in the world via internet or VPN with no mandatory installation costs. Reduces future need to install and manage different user-to-application (U2A) systems across services.

With the many industry transformations taking place, dynamic, streamlined and accessible connectivity becomes increasingly important. Xact Web Portal paves the way for a harmonised delivery of our full range of services – whatever, wherever, whenever!



What is Xact Web Portal?

Xact Web Portal is a new web-based, user-to-application (U2A) connectivity channel benefiting from the most reliable and up-to-date technology.

It is part of the ClearstreamXact family and brings a new dimension to our connectivity framework. Xact Web Portal provides a single window to all Clearstream's services offered by our international central securities depository (ICSD), German CSD and LuxCSD: Collateral Management, Settlement and Asset Services. The ClearstreamXact product family offers SWIFT, file transfer and web access connectivity solutions.

With Xact Web Portal, you can enjoy the new user interface and features with their modern, intuitive design. Its harmonised security and user management streamlines your access to all our business solutions.

After launching Xact Web Portal, you land on the Dashboard, which provides you with an overview of your current business, giving you the ability to prioritise your work at a glance or immediately access queries at the touch of a button. Navigate smoothly from the global menu to the service of your choice and should you need it, contextual help is available each step of the way.

ClearstreamXact – simpler, consolidated connectivity

ClearstreamXact delivers exactly what you need. By providing a consolidated view of your portfolio you gain ultimate efficiency for all your assets.

Why a new connectivity solution?

The financial industry is changing around the globe. Europe, in particular, is going through an unprecedented transformation with the majority of its securities settlement now taking place on the centralised platform, TARGET2-Securities (T2S). These fundamental shifts offer us an opportunity to globalise our connectivity offering for our customers' benefit.

One aim of our business strategy is to provide harmonised access to all our international services through a single portal available over the internet regardless of whether our customers use one or all of our CSD and ICSD services. Xact Web Portal is the tool that allows us to share this vision with you.

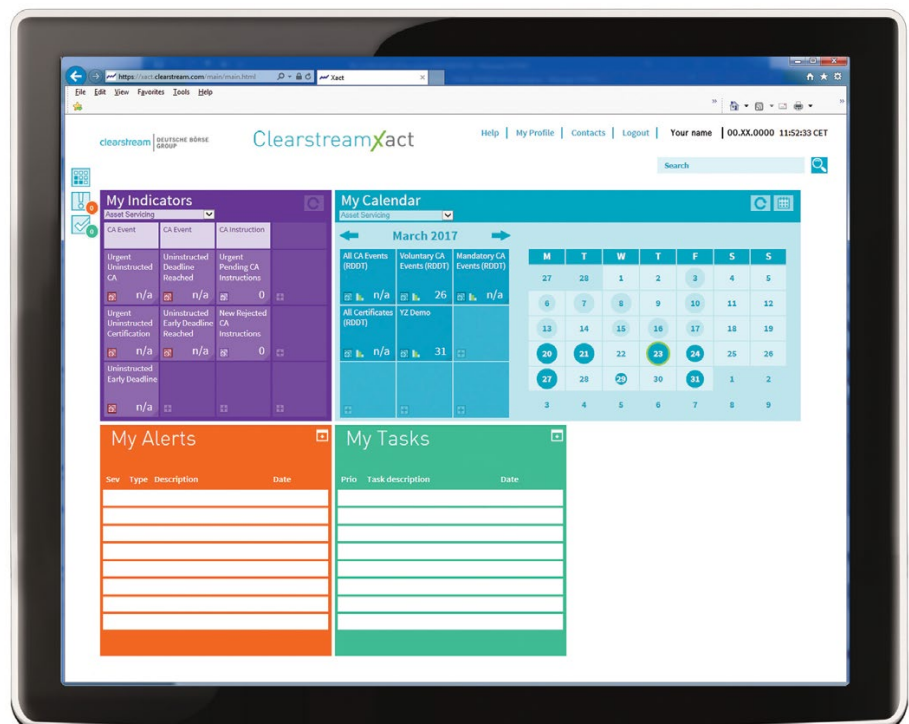
How does Xact Web Portal fit into our connectivity framework?

ClearstreamXact, of which Xact Web Portal is one component, is designed to sit effortlessly alongside our existing screen-based and automated connectivity channels, CreationConnect for our ICSD and LuxCSD business and CASCADE for our German CSD business; both of which remain a part of our connectivity framework for the time being. Customers can choose as and when they wish to use the new dynamic user interface for services offered by Xact Web Portal.

Xact Web Portal enables us to respond to our customers' changing needs over the coming years, offering ever better functionality culminating in a single window that brings Clearstream's ICSD and CSD worlds together. Xact will provide a seamless user experience that allows for the most efficient management of your assets.

The Dashboard

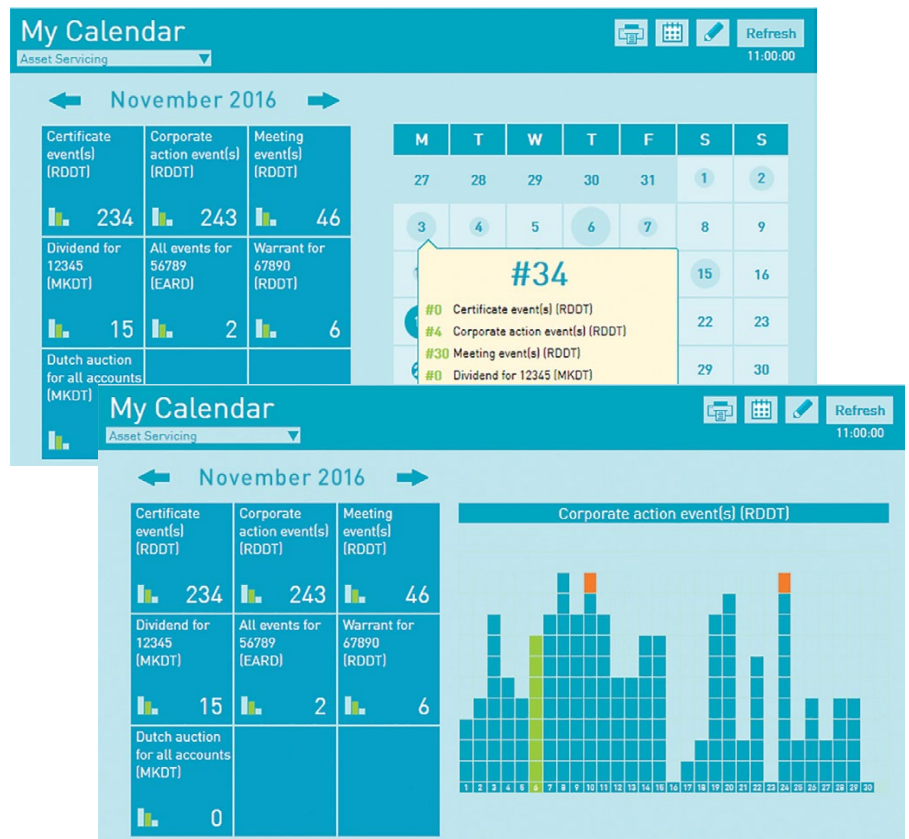
- Interactive landing page after login
- Easy navigation throughout the system
- Dashboard panels give an overview of current activities, tasks or alerts for all permitted business activities
- My Calendar provides a calendar view over the entire month for customised queries
- My Indicators shows your predefined and customised indicators specific to each business service, e.g. number of pending instructions
- Access user defined and saved queries directly
- Number of outstanding activities are broken into comprehensive segments
- Go to the Main Menu to reach User Management and Business Services along with the searchable Help and Resources centre.



My Calendar

My Calendar gives an at-a-glance overview of each month's customised queries. The busier the day, the bigger each circle grows around the date, while the colour indicates either a passed deadline or a query that can still be acted upon. Click on a date to see the number and type of event, click on an individual line to go directly to the detailed information page. My Calendar is entirely customisable down to a single event type.

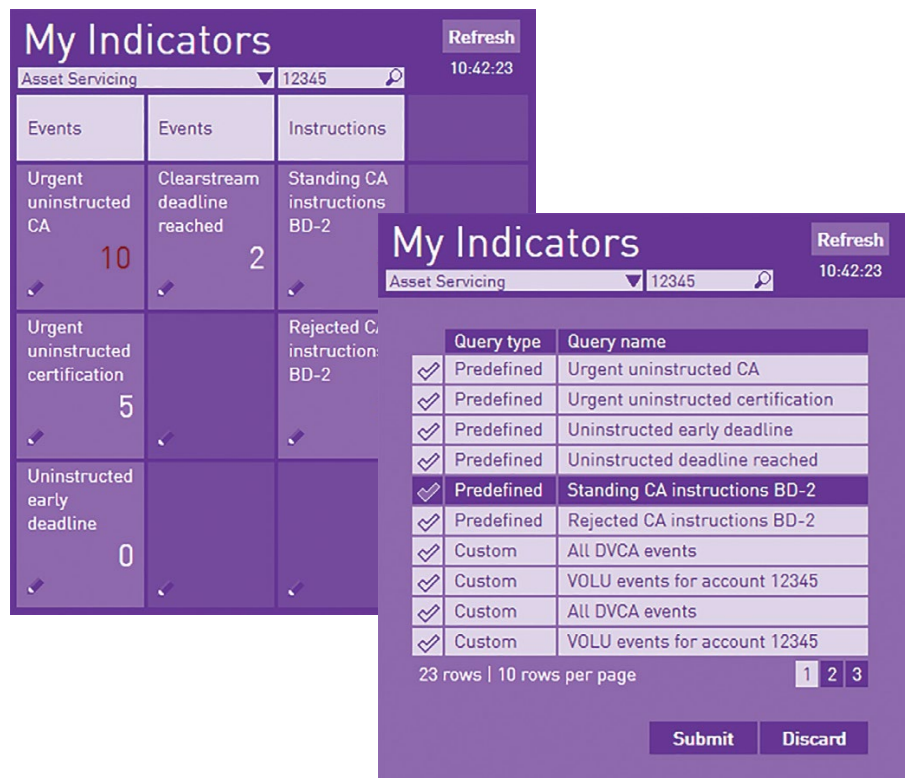
With each refresh My Calendar shows real-time updates; you can also sort the view by different business services.



My Indicators

My Indicators gives real-time metrics about balances, events, instructions and currencies queries. The panel is fully customisable so you always stay on top of the most important tasks. Clicking on the number will take you straight to the detailed information page.

Click the refresh button at the top for an instant real-time update, search by a specific account number and sort your indicators by business service.



The Business Monitoring Centre and My Alerts

The Business Monitoring Centre (BMC) is a powerful tool that allows you to outsource the monitoring of critical business situations thus facilitating a better overview. Run saved queries at set times and choose to either receive alerts on critical business issues in Xact's My Alerts panel on your Dashboard or have them sent automatically to an email address of your choice.

A My Alerts function offers a window on your Dashboard with an overview of all important information, either for your action or information, recently sent to you as the connected user. By maximising the Alerts portlet, you can gain access to the full history and details of all published alerts, or you may prefer to view the details of a specific alert by clicking on the individual item.

Sev	Type	Description	Date
→	Info	Undercollateralised contracts...	08 May 06:01



“The BMC is a unique tool that not only helps operational officers work more efficiently but alerts managers of any risk to the daily business. In real time and anywhere.”

Arnaud Delestienne, Executive Vice-President, Head of Core Product Management

Reporting Centre

The Reporting Centre, with many possible combinations of formats and channels, centralises all report scheduling for the ICSD entity, German CSD and LuxCSD entities. Reports are also searchable and instantly available for download.

- Choice of ISO, PDF, XLS and XML formats
- Choice of file transfer or SWIFT channels
- Search of archived reports up to 13 months in the past.

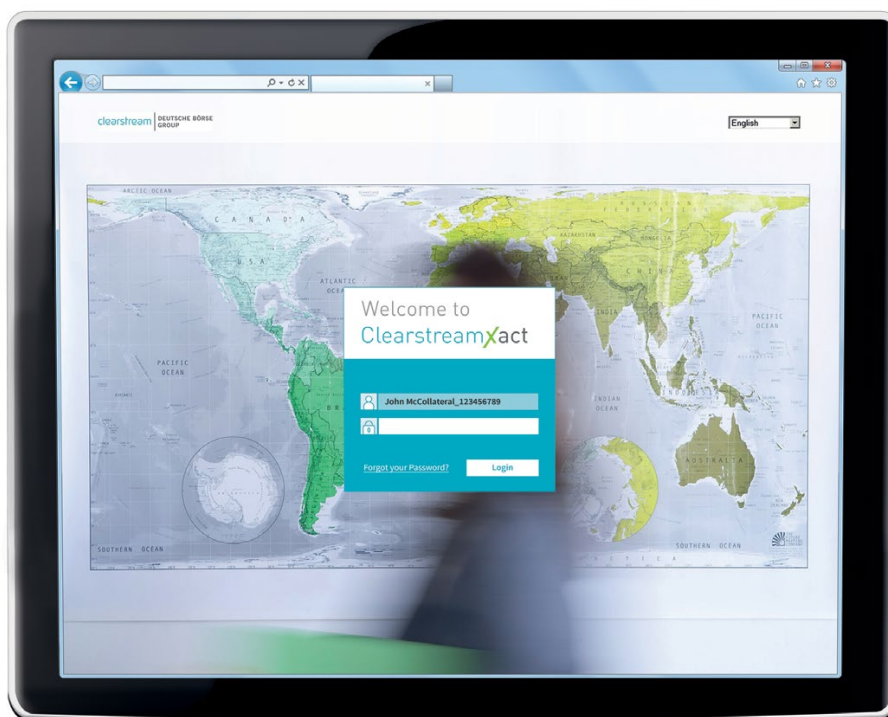
All	Subscription Name	Service	Report type	Account	Channel	Downloaded	Format	Frequency	Delivery date	Report date	Bundled
✓	SOH10	Settlement	Statement of holdings	12345	Xact		HTML	Monthly	28/03/2014 21:10	28/03/2014	
✓	SOH11	Settlement	Statement of holdings	12345	File Transfer		XML	Daily	27/03/2014 21:13	27/03/2014	
✓	SOH12	Settlement	Statement of holdings	12345	Xact		XML	Daily	26/03/2014 21:32	26/03/2014	
✓	Portfolio	Settlement	Statement of holdings	12345	Xact		ISO 15022	Daily	25/03/2014 21:19	25/03/2014	
✓	Holdings Daily	Settlement	Statement of holdings	12345	Xact	✓	XML	Daily	24/03/2014 21:23	24/03/2014	
✓	SOH10	Settlement	Statement of holdings	12345	File Transfer	✓	PDF	Daily	24/03/2014 21:23	23/03/2014	

The Menu

Access the Menu directly from your Dashboard, select the business area and simply click on the service you want to use.

For extra ease, the Menu is configured according to the business you do with us.

Menu									
Dashboard	Settlement	Cash & Liquidity	Collateral Management	Asset Servicing	Tax	Reporting & Monitoring	Reference Data	User Management	Help & Resources
Event	Instruction	Confirmation	Movements	Reporting					
CA Event	CA Instruction	CA Confirmation	Forecast Movements	Manage Report Subscriptions					
	File Upload Manager			View Delivered Reports					
	Standing CA Instruction								



Identification and Access Management

Customers have full control over the configuration of user access. You decide who accesses which business service (Securities, Cash, Report Centre, Identification and Access Management (IAM), etc.), you can set the level of security to 2-eyes (input and release by the same user), 4-eyes (input and release by different users) or even 6-eyes (input, verify and release by three different users). You can also define the accounts and functional roles each user has, either for ICSD or CSD, or for both entities.

- Total control over users' access privileges
- Full audit log of all actions
- Possibility to segregate accounts and business services access
- High level of security.

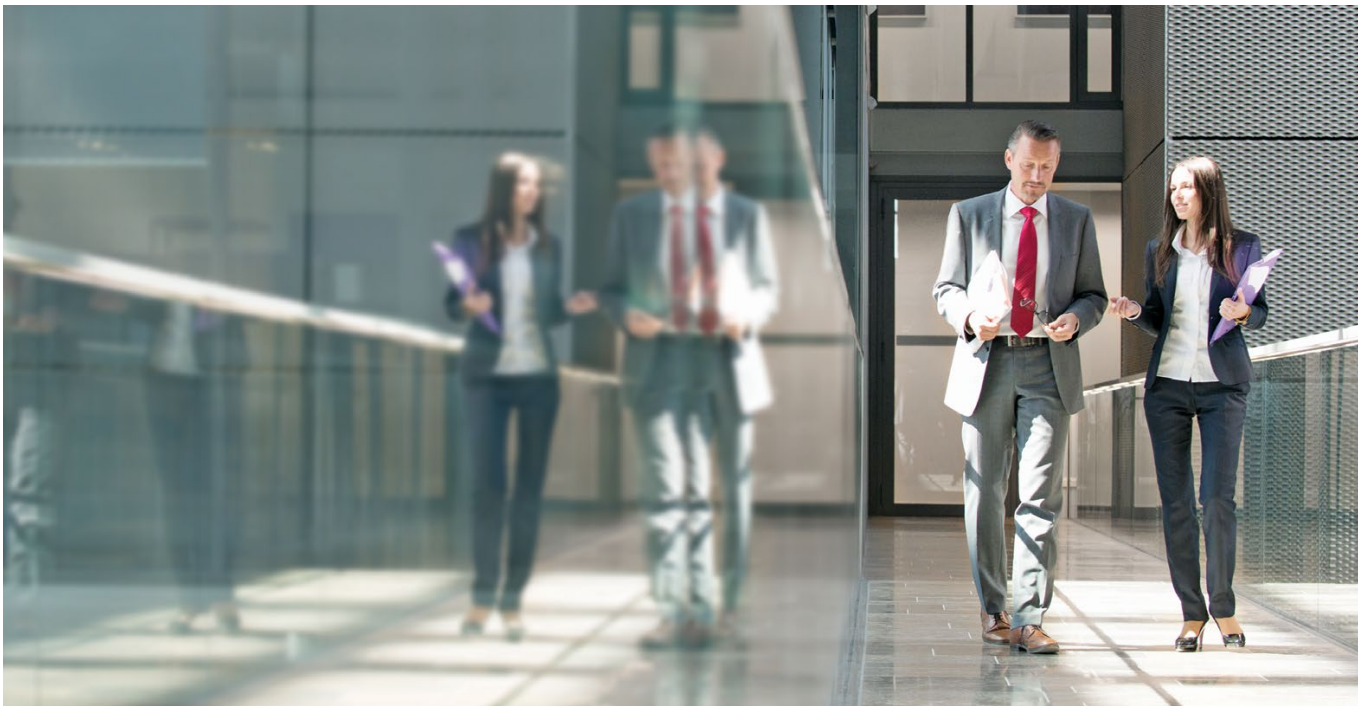
Xact Web Portal – turning our vision into reality

“Our comprehensive collateral management offering has been further enhanced by integrating our core services into Xact Web Portal, leading to the most efficient management of your assets.”

Jean-Robert Wilkin,
Executive Director, Global Funding
and Financing, Market Development

Xact Web Portal demonstrates our clear commitment to provide solutions for changing industry requirements. We are investing heavily in state-of-the-art connectivity for the benefit of our customers worldwide. Our new technology, based on the highest international security standards, is already fully developed and progressive enough to take us smoothly towards the future. The system, services and features have been developed in partnership with our customers to ensure we deliver exactly what is needed.

At launch, our initial collateral management service was already established and ready to use. But this was just the first step towards our fully integrated connectivity solution. Since then, we have introduced settlement, cash and asset servicing services to our new connectivity suite. Going forward, we shall continue to add other services, such as securities lending and investment fund services.



Contact information

The Connectivity helpdesks are available for any questions on connectivity related issues.

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