

Clearstream Connectivity

Product information

CreationConnect – seamless, direct, adaptable

Why would anyone look further?

Robust

- State-of-the-art security
- High speed
- Instant availability

Reliable

- Proven suite of connectivity products
- Minimum maintenance
- Seamless upgrades

Flexible

- Mix and match products to suit your needs
- Perform queries at any time
- Receive tailor-made information

Proven

- Available since 2003
- 30,000 users
- 2.3 million queries handled per month

Whatever your business needs, the CreationConnect suite of connectivity products offers the perfect solution; real-time access to enhanced information, instruction input, transaction and position reporting.



Mix and match our products and create a flexible platform that delivers direct and adaptable connectivity designed to grow in line with your business requirements.

No hidden costs and no complex technical migration, you can simply connect to our products via internet, Virtual Private Network (VPN) or the SWIFT network with the knowledge that sophisticated security infrastructure is an integral

part of all Clearstream products. CreationConnect is also fully compatible with industry standards, such as ISO 15022 and Giovannini File Transfer protocol.

Launched in 2003, and updated regularly, our connectivity package has a proven track record you can rely on and advanced technical features designed to ensure your business continuity.

CreationConnect – all your connectivity needs in one package

Stable

- 100% availability
- Continuous, real-time back up system
- Parallel-server environment

Integrated

- Access to our complete ICSD package
- Online reference data for up-to-date market information
- Easy to combine with existing customer systems

Affordable

- One licence for multi-user access
- No data transport charges via internet channel
- No need for additional infrastructure costs

Available

- Accessible from any internet access point seven days a week
- 24-hour customer service support
- 13-months' historical data

Simple

- Access full ICSD package
- Mix and match media channels
- Minimum installation and maintenance requirements

Benefits include detailed, real-time information on accounts, current and historical positions and transactions, with comprehensive validation and error notification as well as complete life-cycle management. Reports can be scheduled allowing you to specify your preferred delivery channel, delivery timing of reports, and delivery format (ISO 15022, PDF and/or XML).

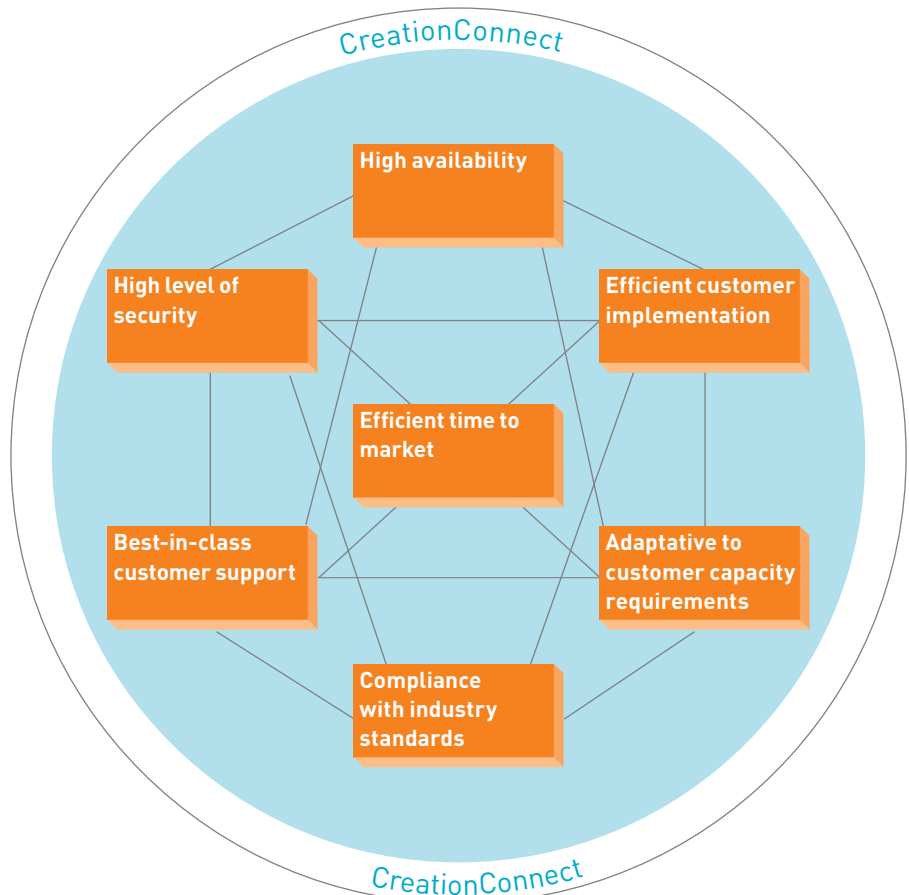
As a member of the Securities Market Practice Group (SMPG), we actively contribute to shaping best market practices and forthcoming SWIFT standards. All three connectivity channels are IP-based and fully ISO 15022 compliant, giving your business total efficiency. We ensure

the authenticity, confidentiality and integrity of all messages and provide features necessary to meet your local security policies.

No matter how quickly your business grows, CreationConnect products can be combined to offer the best solution for expanding trade volumes and business requirements; low- to high-volume customers, non-automated to automated environments and customised or standard reporting.

CreationConnect products provide the highest level of reliability and are backed up by extensive customer support, including a 24-hour helpline and online assistance.

CreationConnect is designed to fulfil all our customers' connectivity requirements





Create your perfect combination

CreationConnect provides a secure connectivity solution for your business today and is completely adaptable to meet your business requirements of tomorrow. Enjoy the flexibility and choose from a suite of three connectivity products.

CreationOnline – web-browser

A secure web-browser based solution, this central management tool is available over public internet and is ideal for instruction input, query and exception management. CreationOnline can be used alone or in combination with any other CreationConnect product.

CreationDirect – file transfer

This dedicated file transfer service allows the transfer of instruction files and the download of reports. Use CreationDirect in combination with CreationOnline for maximum benefit. Available via public internet, Virtual Private Network (VPN) and SWIFTNet FileAct.

Creation via SWIFT – message transfer

Provides ISO 15022 compliant messaging through the SWIFTNet FIN network.

CreationOnline

Features

- Real-time information and exception management tools
- Access to Reference Data and Terms and Conditions
- Schedule and view reports for all media channels and formats
- Enhanced multiple instruction upload
- Pre-filled response functions
- ISO 15022 compliant
- State-of-the-art security

Benefits

- Improved account management
- Operational efficiency
- Effective business decision making
- Reduced risk of fails
- Reduced maintenance and operational costs

CreationOnline provides continuous, real-time access to Clearstream services via a screen based, user interface. Support is offered to promote efficient use of the system for specific business needs. Installation and data maintenance are automated and seamless, thanks to automatic downloads of files and upgrades.

The Dashboard, with its at-a-glance display, provides a real-time overview of business critical information. You can monitor your business with ease and take quick action on any urgent instruction, thus reducing the risk of fails or missed corporate actions.

With a single licence there are no restrictions on the number of users you can have, or that can access Clearstream at any one time directly from their desktop. Plus you can customise your options to receive filtered and sorted information in minimum time, and to whomever you wish.

Up-to-the-minute information, notifications and alerts plus real-time access to reference data held and maintained at Clearstream gives you optimal control over your business needs. You can also access up to 13-months' historical data at a push of the button.

CreationDirect

Features

- Can be implemented as fully-automated file transfer or desktop access
- Rapid distribution of reports and instruction submission, tailored to suit your business needs

Benefits

- Optimal set-up possibilities
- Access to value-added reporting
- Reports delivered directly into a predetermined directory or CreationOnline for multi-user access

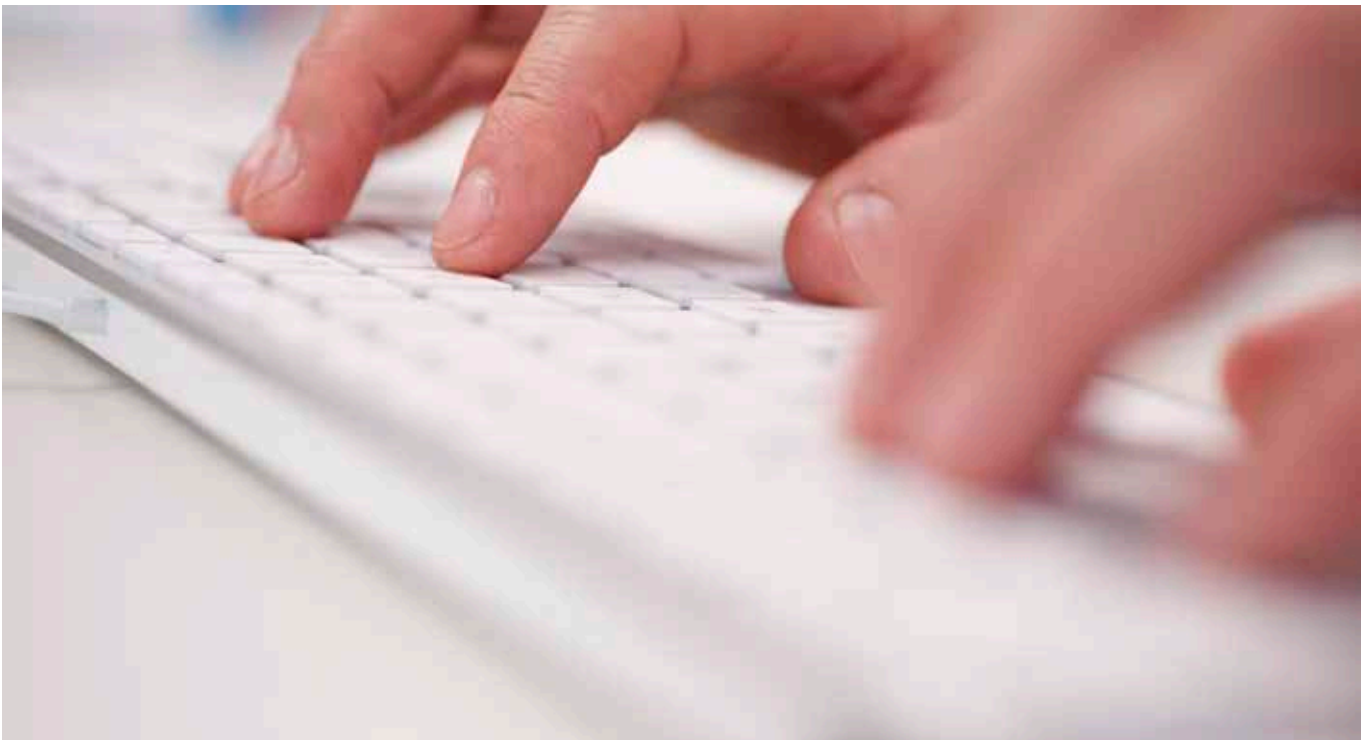
CreationDirect is an efficient, secure and reliable file transfer connectivity solution. You can tailor the distribution of reports to suit your business needs and link it to any back-office system via a Virtual Private Network or SWIFTNet FileAct. Alternatively you can access CreationDirect directly from your desktop via public internet.

Creation via SWIFT

Creation via SWIFT links customers to Clearstream through SWIFTNet FIN services and is fully ISO 15022 compliant. It is secure, fully automated and ideal for high-speed, high-volume straight through system to system processing.

Benefits

- SWIFT inherent services for trusted delivery and format validation



Contact information

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

Luxembourg

Phone +352-243-38110
connectlux@clearstream.com

Frankfurt

Phone +49(0)69-211-115 90
connectfrankfurt@clearstream.com

London

Phone +44(0)20-786-27100
connectlondon@clearstream.com