



**INNOVATIVE SOLUTIONS
FROM A TRUSTED PARTNER**

Northern Trust in Ireland



Northern Trust

LOCAL EXPERTISE, GLOBAL CAPABILITIES

As a fund manager or institutional investor choosing Ireland for your investment strategy, you require a proven local partner who offers innovative and robust solutions to meet today's global investment challenges.

Northern Trust combines the significant expertise and regional presence of our staff in Ireland with global capabilities to support your needs and investment strategies.



PROVEN EXPERIENCE IN A DYNAMIC MARKET

Northern Trust combines regional insights in Ireland with a global network of capabilities to provide comprehensive solutions to support your investment strategy, including:

- A spectrum of **customised asset servicing solutions**, including fund administration, transfer agency, investment operations outsourcing, trustee services, global custody and investment risk and analytics
- A full suite of proprietary **cross-border asset pooling** solutions for multinational companies and investment managers
- Capital markets services including **securities lending** and **transition management**
- A broad range of **market-leading asset management** solutions, including cash management, global indexing and manager of managers
- **Best-of-breed technology** providing you with a suite of Web-based reporting, monitoring and transaction tools supported by our single, global operating model and 24/7 processing
- **Dedicated local client servicing** delivered by an experienced local team and global network of expertise
- Proactive **industry engagement** through our relationships and executive roles with local industry bodies, including the Irish Funds Industry Association



With a presence in Ireland since 1990, Northern Trust has actively participated in the development of Ireland's International Financial Services Centre (IFSC).

Today, from our offices in Dublin and Limerick, we support organisations such as leading alternative, multi-manager and traditional investment managers, pension funds, multi-nationals, insurance companies and not-for-profit organisations.

As a 'centre of excellence' for both fund administration and cross-border pooling solutions, our Irish business has demonstrated a commitment to innovation and meeting evolving global fund industry challenges.



Northern Trust is one of the world's leading providers of asset servicing, asset management and wealth management services. Founded in 1889, we have a history of strength and stability. Today we are a global leader in combining exceptional service and expertise with innovative products and technology.

Our focused business model, strong leadership and careful approach to risk have helped us successfully navigate numerous economic cycles.

- Strong credit ratings over the long term
- Consistently strong capital position
- Long tradition of lower-risk, fee-based revenue
- High-quality, conservative balance sheet



CUSTOMISED ASSET SERVICING

Fund Administration Services

Benefit from fund administration services designed around your requirements. Dedicated teams in Dublin and Limerick interface with our Global Fund Services professionals to provide expertise across both Irish domiciled and non-Irish domiciled fund vehicles.

- Support for a full spectrum of key legal structures in Ireland, including Undertakings for Collective Investment in Transferable Securities (UCITS), Common Contractual Funds (CCF), Variable Capital Companies, Qualifying Investor Funds, Unit Trusts and Limited Partnerships.
- Comprehensive services including fund launch and transition management, fund accounting, transfer agency, corporate secretarial and assistance with regulatory reporting/compliance for both traditional funds and alternative funds, including:
 - **Hedge Funds** - Receive support for multiple investment strategies and approaches for hedge funds domiciled around the world. Northern Trust was appointed as administrator for one of the first Irish domiciled hedge funds in 1994.
 - **Funds of hedge funds** - Maximise the efficiency and oversight of your portfolio's operations through an integrated approach to fund administration supported by online data management and transaction tools.
 - **Real estate funds** - Leverage our experience servicing real estate funds investing across residential, retail and industrial sectors.
- **Private equity funds** - Benefit from the support for a full range of private equity fund strategies and approaches, including a specialist reporting solution for fund of private equity funds.
- **Infrastructure funds** - Utilise our broad range of administration services to support infrastructure funds across multiple sectors.
- **Exchange traded funds** - Access a comprehensive suite of specialist ETF services, supporting physical, synthetic and hybrid ETF models including both cash and in-specie dealing methodologies for a broad range of global assets.

Investment Operations Outsourcing

Achieve greater freedom to focus on your core strategic responsibilities through flexible investment operations outsourcing solutions.

- **Full, middle-and back-office investment operations outsourcing** - Choose from a range of options from a full outsourcing provision to selective support for your middle- and back-office investment functions.
- **Web trade services** - Increase operational efficiency and reduce risk by outsourcing components of your post-execution trade process.

[View a demo](#) ▶

- **Collateral management** - Streamline your collateral management process for over-the-counter (OTC) derivatives with our end-to-end solution.

[View a demo](#) ▶

EXPERTISE AND INNOVATION

Northern Trust has been actively committed to driving innovation in the Irish funds industry.

- The Northern Trust CCF, established in June 2010, provides a platform for investment managers to offer proprietary investment strategies in a tax-transparent cross-border pooling vehicle. Within the Northern Trust CCF, investment managers can establish sub-funds suitable for large institutional investors with distinct portfolios of assets, investment guidelines and fund features.
- Northern Trust is a pioneer in the servicing of European ETFs, servicing the first major European ETFs launched in 2000. Working closely with our clients, our dedicated Irish servicing team developed a servicing model that paved the way for the future of ETFs in Europe.
- Involved in industry 'firsts' such as the implementation of the first multi-broker swap-backed/synthetic ETF model and also the first hybrid ETF structure.

Cross-Border Asset Pooling

Benefit from Northern Trust's experience supporting tax-transparent and non-tax transparent cross-border asset pooling vehicles domiciled in Ireland for multinational companies, corporations and investment managers.

- Pool assets into a single, Irish-based vehicle supporting multiple countries of investors, asset classes and managers
- Receive an integrated service designed to meet the unique requirements of pooling from launch onward, including fund administration, fund accounting, transfer agency, global custody, securities lending, tax services, investor and regulatory reporting
- Launch tax-transparent cross-border UCITS funds to the institutional market in a timely, cost-efficient manner via Northern Trust's investment manager hosting platform
- Aggregate assets across jurisdictions into a single, tax-transparent pool through a managed CCF umbrella that allows withholding rates to be determined based on the underlying investors' tax status

Trustee Services

Our trustee services include trustee reviews in accordance with local regulatory guidelines, compliance monitoring, on-site inspections and relevant reporting and production of trustee reports for inclusion in board of directors' meeting papers and annual accounts.

Global Custody

We provide a full array of custodial services including holding and protecting your assets, processing trade settlements and income collection, handling tax reclamation and processing corporate actions. Our services are fully integrated with a strong worldwide subcustodian network covering multiple markets.

Investment and Financial Accounting

Through our consolidated technology platform, we provide accounting to accommodate both your statutory and custom report requirements in accordance with relevant global regulations such as the International Financial Reporting Standards.

Cash Management

Our range of options for your liquid assets includes interest-bearing accounts, fixed-term deposit accounts and efficient solutions for managing multiple cash accounts. These are complemented by a suite of Dublin-domiciled pooled cash funds offered by our London-based asset management arm, Northern Trust Global Investments Limited (NTGI).

Foreign Exchange

With trading floors in London, Chicago and Singapore, we give you 24-hour dealing support with broad currency coverage for spot, swap and forward outright block trading as well as direct access to Web-based multi-bank trading platforms.



VIEW INFORMATION ONLINE

View information online via the Northern Trust Passport® reporting portal, and benefit from direct data extraction into Microsoft Excel® for performance and risk reporting.

SPECIALIST ALTERNATIVES REPORTING

Northern Trust has developed specialist reporting solutions to meet the needs of both alternative investment managers and investors.

- Use **Hedge Fund Monitor™** to help manage your fund of hedge funds portfolio. Hedge Fund Monitor enables you to report, track and analyse a wide range of data for your hedge fund investments, including performance, liquidity, investor records, accounting, cash management, net asset value reporting and compliance criteria.

[View a demo](#) ▶

- **Private Monitor™** helps investors to track and analyse performance across their spread of investments, while private equity fund of funds managers can access a specialist reporting capability for monitoring underlying funds' holdings including valuations, transaction activity and performance reporting.

Passive Currency Overlay

Protect against exposure to the foreign exchange rate risk associated with cross-border investments through our passive currency overlay solution that hedges the currency risk of your designated portfolios to base currency.

Derivatives Services

Receive support from derivatives professionals across the broad servicing spectrum, including daily independent valuations for OTC derivatives. Our services can be bundled or offered on a component basis.

Investment Risk and Analytical Services

Gain greater understanding and oversight of your investment decisions through our Web-based performance measurement, investment risk analysis and compliance monitoring services supported by a global network of more than 200 professionals.

Dedicated performance, risk and compliance teams will work with you to develop tailored solutions for your distinct requirements.

- **Performance analytics** - Measure performance using a comprehensive array of analytics and organise results by portfolio return, asset contribution or attribution by stock, sector or country. Multiple methodologies are available to best match your investment strategy.
- **Investment risk analytics** - Access timely risk information with a broad range of predictive and historic risk analytics. Our services are supported by holdings-based multiple asset and multiple region factor risk modelling, including parametric (normal) Value-at-Risk (VaR), Monte Carlo VaR, historical simulation VaR and extensive stress test/scenario based analysis. Address regulatory reporting requirements such as UCITS and Solvency II reporting through specialist risk solutions.
- **Compliance monitoring** - Track compliance with your investment guidelines on a daily basis. Regularly monitor adherence to designated credit ratings, socially responsible investing and allocation decisions.

Capital Markets Services

- **Transition management** - Benefit from our global experience in programme trading, portfolio management, project management and back-office operations to restructure your assets in a cost-effective and timely manner.
- **Securities lending** - Access a significant lending pool with a stringently monitored global network of top-tier borrowers through a customised programme that meets your risk/return profile.

GLOBAL ASSET MANAGEMENT

As one of the world's largest and most experienced multi-asset class investment managers, Northern Trust provides a broad range of investment options through NTGI.

- **Cash management** - Choose from our strategic cash investment solutions across the risk/return spectrum, from money market liquidity funds to custom segregated cash solutions.
- **Global index portfolios** - Leverage our experience in global index management with products that provide cost and risk-efficient solutions spanning over 60 strategies across the asset class spectrum.
- **Manager of managers** - Gain access to a diverse range of niche, established and emerging managers with our highly customised manager of managers investment solutions.
- **White-labelled funds solutions** - Expand your product range and geographic reach to meet the demands of your client base through our customised investment funds.

Manage your liquidity and principal preservation requirements through our comprehensive range of Aaa/MR1 + Moody's rated and AAAM Standard & Poor's rated offshore money market funds for U.S. dollars, euro and sterling currencies. Funds are domiciled in Dublin's IFSC, providing tax efficiency and a listing on the Irish Stock Exchange.



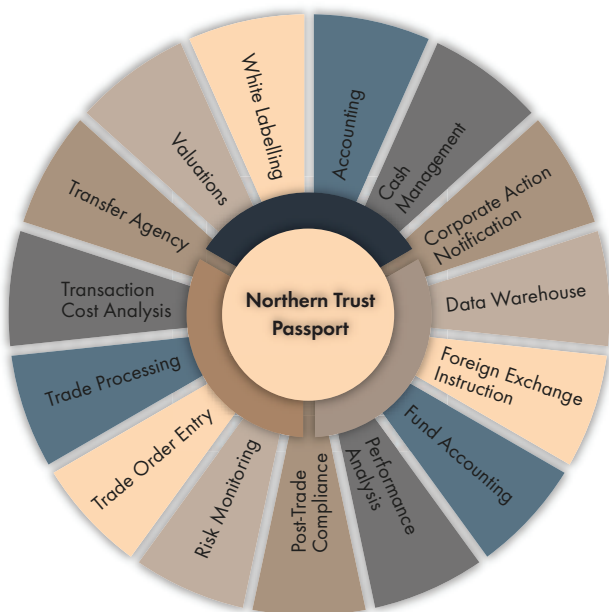
INNOVATIVE INTEGRATED TECHNOLOGY

Best-of-breed solutions with continuous focus on and investment in cutting-edge technology:

- A single, global technology platform supporting multiple business activities and multiple domiciles
- An emphasis on systems development to support traditional and alternative investment products for fund managers and institutional investors
- 24/7 portfolio processing and reporting through our global operating model supported by regional asset servicing processing centres

Facilitating Effective Decision Making

Access a suite of reporting, monitoring and transaction tools through Northern Trust Passport, our Web-based information, reporting and instruction portal. Consolidating data from multiple business areas and multiple regions, Passport provides you and your stakeholders access to the same data regardless of location.

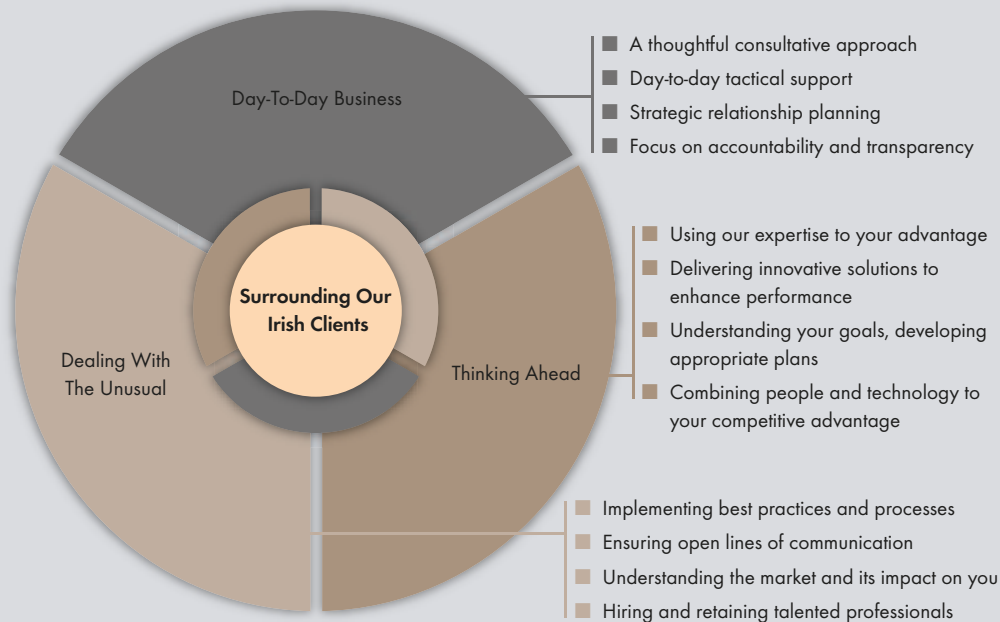


A single point of access for a broad range of data underpinned by a suite of reporting, monitoring and transaction tools

- Online 24/7 access to your data from any Internet-accessible location around the world
- Support for multiple fund structures, across multiple jurisdictions
- Tools to report, customise, analyse and download the data you need into Microsoft Excel®, Lotus Notes® and other vended software
- Dedicated technology consultants available for training and report customisation
- Transaction tools including cash movements, corporate actions and trade instructions

DEDICATED LOCAL CLIENT SERVICING

Receive support for your strategy and business growth from a dedicated local client servicing team that interfaces with our global team. We align our operations with the way you do business to effectively support both your strategic planning and day-to-day operational requirements.



- Direct channel of communication through your dedicated relationship manager, focused on partnering with you to help execute your business goals
- Streamlined access to operational experts to actively resolve your day-to-day servicing issues and requirements

- Formal service review meetings and tracking of service delivery
- Emphasis on knowledge sharing and networking through conferences, client briefings, product workshops, topical articles and white papers

Promoting Your Interests

Stay informed about the issues affecting your business through Northern Trust's participation on key industry bodies and initiatives that help foster change in the IFSC and worldwide. Our affiliations include the following:

- Irish Funds Industry Association (IFIA) - Chair of the IFIA's Alternative Investment Committee, as well as serving on committees spanning legal, technical, human resource, trustee and transfer agency areas
- Irish Business and Employers Confederation
- American Chamber of Commerce Ireland - Proactive in promoting the importance of U.S. investment to the Irish economy
- The Directors Forum - A group of Irish resident directors of regulated investment companies and management companies in Ireland
- Industry task forces and working groups for the EU Directive on Alternative Investment Fund Managers



FOR MORE INFORMATION

To learn more, please contact your Northern Trust relationship manager or visit northerntrust.com

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WHY NORTHERN TRUST

Northern Trust is committed to supporting your goals through a flexible and solutions-led approach that aligns our Irish experience with our global capabilities. Above all, we are focused on developing long-term partnerships and proactively providing you access to our expertise and support.

NORTHERN TRUST LOCATIONS

Abu Dhabi

Amsterdam

Bangalore

Beijing

Chicago

Dublin

Guernsey

Hong Kong

Jersey

Limerick

London

Luxembourg

Melbourne

New York

Singapore

Stockholm

Tokyo

Toronto

Northern Trust Corporation, Head Office: 50 South La Salle Street, Chicago, Illinois 60603 U.S.A., incorporated with limited liability in the U.S.

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