

# DIGITAL SOLUTIONS

Empower advisors and enhance the online customer experience with turn key content and customized websites

As the nexus of your customer relationships becomes increasingly Web-based, the quality of the online experience you provide is more critical than ever. Today, investors have access to an unprecedented flow of data from thousands of sources across global markets; however, the opportunity this access provides can be compromised by the challenges it creates.

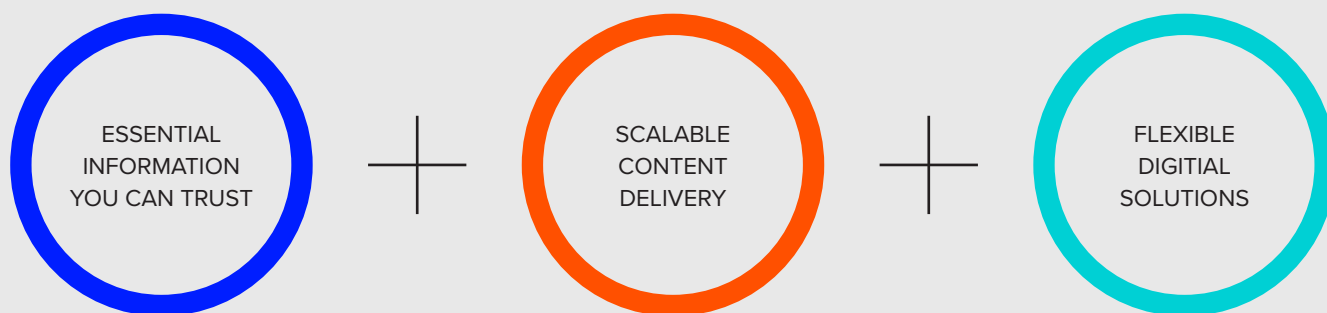
## Refinitiv solutions:

- Help your customers more effectively distill, manage and act on financial information
- Take full advantage of online and mobile platforms to stay connected and relevant to your customers
- Create a more differentiated and compelling multichannel digital experience



Refinitiv is the industry's premier provider of financial and analytical data – the information that matters most to you and your clients. We inform the investment workflow. With Refinitiv, you can monitor the markets, conduct research, generate investment ideas and leverage the objective insights advisors need to support sophisticated strategies – now, and as they evolve.

How we deliver our value:



## FLEXIBLE DIGITAL SOLUTIONS

Refinitiv data is delivered in ways that are scalable to fit diverse digital, online and mobile channels and distribution platforms. You can match your business requirements, growth plans and resource allocations to our best-in-class capabilities.

### CONTENT

We provide you with flexible, off-the-shelf, bundled access to all the financial market content that enables your advisors and customers to make better financial decisions.

### WEB- AND MOBILE-READY COMPONENTS

Enhance your online offerings with our suite of ready-to-deploy components to support investment workflow, portfolio monitoring and trading.

### CUSTOM SOLUTIONS

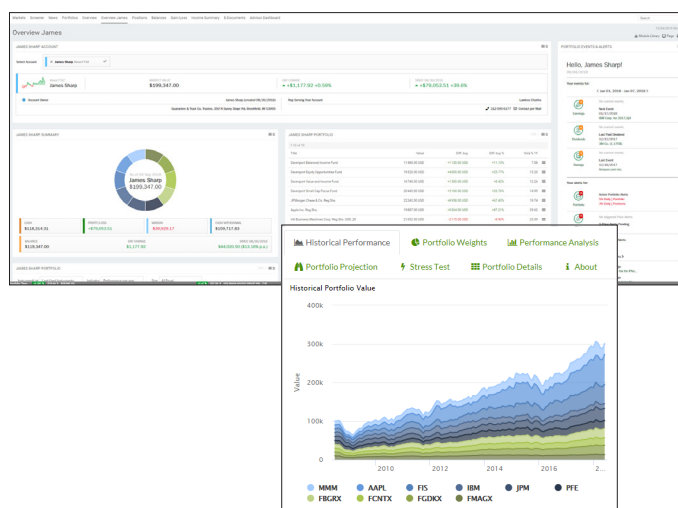
Refinitiv can help you build all or part of your online platform.

## THE DIGITAL EXPERIENCE IS KEY

Professional advisors are looking for rich content and effective tools to grow their business, enrich client engagement and help them implement investment strategies efficiently.

### Empower advisors with content and capabilities to foster client relationships

- Sophisticated content packages and powerful portfolio tools
- Refinitiv content embedded within existing workflow/advisor solutions
- Flexible feed options to seamlessly support firm workflow and distribution platforms

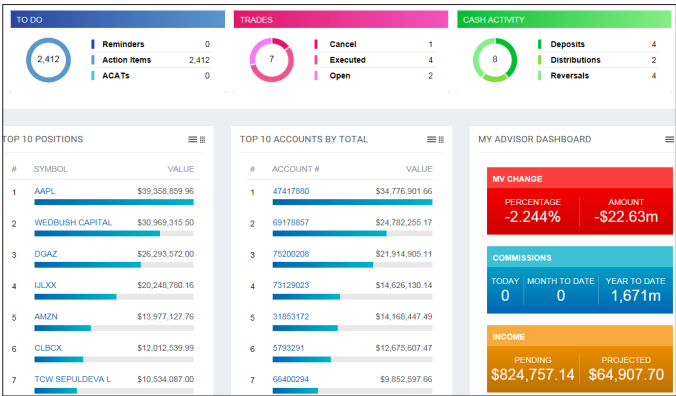


Driving **1,000+** websites, portals, mobile apps and social media applications globally

At the same time, nonprofessional investors respond positively to relevant data integrated with their account view alongside functionality that helps them focus on their goals and make intelligent investment decisions.

Provide market data to help guide nonprofessional, online investors to a successful investment strategy

- Relevant data, useful features and integrated functionality that empower decision making
- Delight investors with comprehensive, up-to-date financial market data and analytics
- Increase transactional activity
- Solutions meet the full range of objectives, from discount brokerages to firms advising high-net-worth investors



ESSENTIAL INFORMATION YOU CAN TRUST

Whether you need broad, deep and timely company data across developed, emerging and frontier markets; the widest range of cross-asset data; global economic time-series content; or the most comprehensive pricing data in the industry, Refinitiv is the leader.

Unrivaled financial content

<p><b>MARKET DATA + PRICES</b></p> <p>Global coverage with real-time feeds covering more than 350 exchange-traded and OTC markets, accompanied by full tick data and logical data models.</p>	<p><b>RESEARCH</b></p> <p>Direct access to research from 800 brokerage firms, independent research boutiques and other sources, covering more than 21,000 companies across 87 countries.</p>
<p><b>I/B/E/S® ESTIMATES</b></p> <p>The industry standard for analyst detail, consensus and aggregate data, offering more history, contributing brokers and company coverage than any other provider.</p>	<p><b>ECONOMIC DATA</b></p> <p>Explore trends, risk and macro investment opportunities by screening the largest and most comprehensive collection of economic time series content from 3.6 million economic indicators.</p>
<p><b>EVENTS</b></p> <p>Driven by a proactive, dedicated team of analysts, our one-stop corporate disclosure and brokerage event solution provides users with the fastest possible access to crucial, market-moving event content.</p>	<p><b>STOCKREPORTS+</b></p> <p>An intuitive quantitative scoring system and analytic platform that offers a detailed look at each stock's fundamentals and makes research easier to understand.</p>
<p><b>FUNDAMENTALS</b></p> <p>The most timely and highest-quality fundamental information in the industry, providing both standardized and company-specific data to drive deep financial analysis.</p>	<p><b>LIPPER® FUND DATA</b></p> <p>Search capabilities across 200,000 funds worldwide, together with a customizable fund overview including fund objective, top 10 holdings and net asset history.</p>

Comprehensive news and commentary

**Global and Local News** – View international and domestic news services covering the markets, companies and regions you monitor.

**Significant Developments** – Receive timely and concise descriptions of crucial, market-moving events.

**Electronic Newsletters** – Get broad economic, regional market and asset-class-specific updates and insights delivered to your inbox daily.

**Top News** – Presents the biggest business and political stories that are moving markets and making headlines around the world in an easy, front page-style format. Includes analysis.

## SCALABLE CONTENT DELIVERY

Optimized data solutions from exchanges, trading venues and liquidity pools worldwide are specifically designed for use in Web environments. Data is seamlessly integrated into your advisor desktop, employee intranet, customer-facing investment portals and online trading platforms.

**Bulk feeds** – Choose the data required to drive your investment decisions from an extensive feed of essential information including consolidated news and market developments, equity and futures pricing and streamlined index information.

**Low-latency feeds** – Access the data you need in milliseconds. Real-time feeds are delivered via distributed global architecture in key financial centers for maximum speed. Managed feeds offer direct low-latency connection to global exchange and OTC data from all major trading venues.

**APIs** – Get our hosted content delivered directly to your desktop and customer portals with our suite of industry-recognized APIs through standard Web services. You share bandwidth, hardware and support while eliminating the need for additional hardware and software.

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**Simplified and cost-efficient delivery via industry standard SOAP-based Web services, FTP files, TREP RT/EMS or fully hosted by our partners.**

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## CHANNELS THAT CONNECT WITH CLIENTS

Refinitiv enables you to activate multiple client touchpoints with platform solutions for desktop, mobile, IM, email and social media.

### Benefits of our solution

- Common business logic across channels
- Consistent experience across website solutions, native mobile applications, cross-platform mobile sites and third-party communication outlets such as IM, email, Twitter® and Facebook®
- Refinitiv engineers can customize the user experience for each device
- Best-in-class technology, such as HTML5, can make multi-platform apps feel native on many different devices

## TAILORED SOLUTIONS

Refinitiv's award-winning formats and custom solutions give you broad flexibility to implement browser-based and mobile online platforms.

### Standard solutions

Knowledge Direct Professional from Refinitiv provides off-the-shelf, bundled access to all Refinitiv hosted content and capabilities, with rendered HTML and RIA views of our global content.

### Custom solutions

We can help you build all or part of your online platform, from design to turnkey development of complete market-data-driven portals to support with data integration for in-house or third-party solutions.

### Web- and mobile-ready components

A suite of ready-to-deploy tools and applications provide you with efficient options to support investment workflow and analysis, portfolio monitoring and trading.

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#### Alerting module

A powerful alerting solution that keeps users informed and up to date and provides a complete overview of crucial market and portfolio events.

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#### Mobile solutions

A state-of-the-art mobile application that enables users to get the latest market data and portfolio content and to actively trade from any iPad® or Android™ device.

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#### Chart solutions

Advanced charting capabilities revolutionize the way you view complex data. Visualizations quickly reveal market conditions and potential opportunities.

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#### Mymarkets trading app

A fully customizable, high-performance, highly scalable, market data and trading application.

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#### Fund analysis

Our fund screener gives you the power and flexibility to efficiently evaluate and zero in on the right funds for each client's investment objectives.

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#### Portfolio solutions

Portfolio monitoring and analysis functionality provides a revolutionary way for your clients to stay informed about everything that affects their personal portfolios.

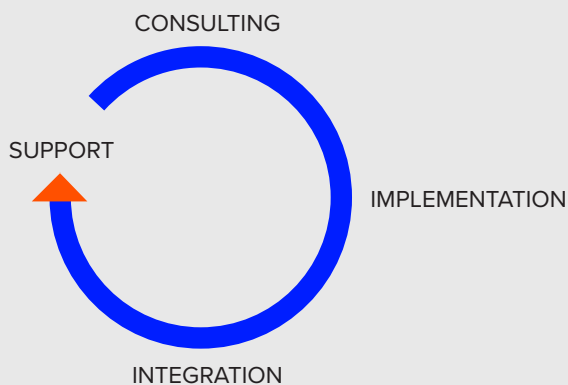
## END-TO-END SUPPORT

Our open-platform, direct-feed and custom solutions are supported by an experienced team of consulting, technical, administrative and service professionals.

**Solution Consulting Teams** recommend platforms, products and services and align them with your specifications and objectives.

**Solutions Engineers** interface with development and hosting partners to deliver and manage standard and custom digital solutions.

**Help Desk** personnel provide day-to-day technical support and address complex problems one-on-one.



## LEVERAGE THE SCALE OF A GLOBAL LEADER

- **2.5 million** fixed income derivatives instruments and loans
- **2,900** Reuters News journalists
- **50,000** companies
- **300** exchanges
- **175** currencies
- Evaluated pricing for **2.5 million+** securities

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