Xpressfeed™
Powerful Data Feed Management

S&P Global
Market Intelligence
 Reliable delivery to streamline your data management

You need the right data to make the right decisions and you need to get it quickly and efficiently. Spend more time conducting analysis and less retrieving and managing data.

- Enhance your proprietary analytics, financial portals, CRM systems, and more by combining the strengths of S&P Global Market Intelligence and select third-party vendors.
- Obtain the foundational data necessary to power sophisticated quantitative research and modeling. Realize greater control and transparency so you can spend more time focusing on model training and creation.
- Focus on your strategic objectives with a database that incorporates thousands of automated and manual data quality checks to review content before it is published.

Differentiated Data

- Gain access to vetted alternative data including Trucost Environmental Data, Panjiva Supply Chain Intelligence, Machine Readable Textual Data, SNL Asset Level Data, and more.
- Review credit ratings from S&P Global Ratings, Fitch, and Moody's; content is organized into packages defined by issuer sectors and contains issuer- and issue-level details. Leverage our Credit Analytics to gain access to credit scores, models, and benchmarks on rated, unrated, public, and private companies.

Robust Linking

- Accelerate your data integration and analysis by leveraging our extensive global Cross Reference Services that seamlessly links reference data by company, sector, and instrument.
- Enhance your supply chain and counter-party risk analysis, and integrate into your sales and marketing applications by easily linking via standardized and proprietary IDs for over 28 million business entities.
- Link to a variety of company-level datasets including Corporate Relationships, Transactions, Transcripts, Financials, and Company Fundamentals. Use multiple sector classifications and business criteria to screen, assemble and monitor entity sets.

Seamless Delivery

- Xpressfeed, our data loading and maintenance technology, provides a reliable and efficient solution to data delivery and management.
- Data is delivered in packages, via our Xpressfeed Loader, so you can customize and receive only what you want and need.
- Xpressfeed's Loader application has automatic schema generation that simplifies maintenance and enables a fully-populated database to be up and running quickly. Additionally, the loader runs on your side, giving you greater control over when and how the data is processed in your depository.
Datasets available via Xpressfeed™

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<td>FDA Orange Book</td>
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<td>Panjiva Supply Chain Intelligence</td>
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<td>Preqin Alternative Asset Fund Performance</td>
<td>120,000+ funds, 43,000+ fund managers, 19,000+ institutional investors</td>
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<td>Alternative</td>
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<td>2,000+ companies</td>
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<td>SCRIPTS Asia Transcripts</td>
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<td>Intraday</td>
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<td>Trucost Carbon Earnings at Risk</td>
<td>15,000+ companies</td>
<td>Yearly</td>
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<td>Trucost Environmental Data</td>
<td>15,000+ companies</td>
<td>Daily</td>
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<td>6,000+ companies</td>
<td>Daily</td>
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<td>Estimates</td>
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<td>Near Real Time</td>
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<td>Cross Reference Services</td>
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<td>28 million+ entities</td>
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<td>Global Instruments Cross Reference Services</td>
<td>63 million+ instruments</td>
<td>Intraday</td>
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<td>Cross Reference Services</td>
<td>Industry Sector Cross Reference Services</td>
<td>2.8 million+ public and private companies and 5,200+ unique industry codes within 7 industry class types</td>
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<td>2014</td>
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<td>ETF Style Classifications</td>
<td>11,000+ publicly traded North American Exchange-Traded Products</td>
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<td>Industry Classifications</td>
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<td>47,000+ company classification</td>
<td>Daily</td>
<td>Current and active companies only</td>
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<td>45,000+ public companies, 47,000+ funds, 330,000+ insiders/individuals</td>
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<td>Company Intelligence</td>
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<td>Current only</td>
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<td>Qualitative</td>
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<td>20,000+ news sources</td>
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<td>Stock Selection &amp; Risk Models</td>
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<td>Credit Ratings</td>
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<td>35,000+ issuers</td>
<td>Daily</td>
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<td>Credit Ratings</td>
<td>Moody's Investors Service</td>
<td>25,000+ issuers and 30,000+ rated issues</td>
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<td>Credit Ratings</td>
<td>S&amp;P Global Ratings Scores &amp; Factors</td>
<td>3,500+ Corporations and 600+ Banks</td>
<td>Variable</td>
<td>2017</td>
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<td>Credit Ratings</td>
<td>S&amp;P Global Ratings with RatingsXpress®</td>
<td>9,400 Global Issuers/84,000 securities, 570 Sovereign, International Public Finance and Government entities/13,000 securities, 720 U.S. Public Finance entities/680,000 securities, 12,000 Structured Finance transactions/38,000 securities</td>
<td>Variable</td>
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<td>Credit Indicators</td>
<td>Credit Analytics Benchmarks</td>
<td>730,000+ public and private companies</td>
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<td>2015</td>
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<td>Credit Indicators</td>
<td>Credit Default Swap (CDS)</td>
<td>Approximately 1,500 entities</td>
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<td>2010</td>
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<td>Credit Indicators</td>
<td>CreditModel (CM)</td>
<td>70,000+ companies globally</td>
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<td>Credit Indicators</td>
<td>Market Derived Signals (MDS)</td>
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<td>Probability of Default (PD)</td>
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<td>Credit Indicators</td>
<td>Probability of Default Model Fundamental (PD FN)</td>
<td>900,000+ companies globally</td>
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<td>Probability of Default Model Market Signals (PD MS)</td>
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<td>Indices</td>
<td>Euronext</td>
<td>381 Total</td>
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<td>2009</td>
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<td>Indices</td>
<td>FTSE</td>
<td>4,300+ Indices</td>
<td>Daily</td>
<td>1992</td>
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<td>Indices</td>
<td>MSCI</td>
<td>54,000+ Indices</td>
<td>Daily</td>
<td>1970</td>
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<td>Indices</td>
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<td>4,500+ Indices</td>
<td>Daily</td>
<td>1979</td>
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<td>Indices</td>
<td>TOPIX</td>
<td>88 Total</td>
<td>Daily</td>
<td>1980</td>
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Explore all our datasets and more at marketplace.spglobal.com
Integrated data to enhance your proprietary analytics, financial portals, CRM systems, and more

Fundamental Data

Compustat® Fundamentals
Standardized global company fundamental and market data for active and inactive publicly traded companies that financial analysts have relied on for over 50 years.

- Access historical and point-in-time financial statements, ratios, and multiples, plus press releases available within hours of publication.
- Implement annual and quarterly data integrated with daily and monthly market data across active and inactive publicly-traded companies.
- Explore historical data as far back as 1950 with point-in-time snapshots beginning in 1987.

Private Company Fundamentals
Research prospective investments, identify merger and acquisition targets and monitor portfolio companies with over 200 financial statement items for over 10 million companies globally.

- Explore global coverage for North American and European regions dating back to 2004, with Asia-Pacific coverage dating back to 2012.
- Utilize private company fundamental data that undergoes numerous quality checks and is fully standardized and integrated within the CIQ fundamentals offering.

S&P Capital IQ Fundamentals
All instances of standardized financial data on an annual, quarterly, semi-annual, last twelve month and year-to-date basis.

- Point-in-time representations of a financial period including press releases, original filings and all restatements.
- Utilize the historical annual and interim data available as far back as 1985 for certain datasets and geographies with significant coverage from 1993.
- Over 5,000 financial, supplemental and industry-specific data items for over 150,000 companies globally, including over 95,000 active and inactive companies across multiple industries.

SNL Fundamentals
In complex business sectors like Banking, Insurance, Financial Services, Real Estate, Energy and Media and Communications, the forces that may affect stock value are often embedded in metrics specific to each industry. Only SNL Fundamentals breaks out these metrics in granular fields using in-depth, sector-specific analysis.

- Leading coverage of the Financial Institutions (FIG) and Real Estate sectors includes:
  - 1,400+ detailed industry data points on over 17,500 current and historical companies globally.
  - Historical annual and interim data is available as far back as 1990 for certain datasets and geographies.
- Worldwide FIG content includes:
  - Comprehensive fundamental coverage of over 14,000 banking institutions and over 1,500 insurance companies.
  - Bank fundamental coverage provides detailed insights into performance analysis, asset quality, regulatory capital, and deposit/loan composition while insurance fundamentals provide increased insight into investment level details, underwriting analysis, solvency, embedded value, and distribution channels.
- Global Real Estate content includes:
  - Comprehensive fundamental coverage of over 1,600 REITs, Real Estate Operating Company (REOCs) and Listed Property Companies.
  - Detailed insights into debt and lease maturities, same store performance, and portfolio analysis including development exposure.
- Global Metals and Mining coverage includes:
  - Granular, standardized breakout of property, plant and equipment data, as well as detail on mining property interests, and capitalized exploration and evaluation on over 2,500 mining companies around the world.
  - Specific line items showing mine site reclamation and closure liability are also included.
- North American energy data includes:
  - Comprehensive coverage on over 450 power and mid-stream companies including revenue, volume and customer counts by customer class.
  - Revenue and expenses are broken down by operations, production, transmission and distribution.
Media and Communications data includes:
- Fundamental data to enable apples-to-apples comparisons within each of the following sectors:
  - Broadcast TV
  - TV Networks
  - Wireless and Wireline
  - Multichannel Operators
  - Internet Media
  - Filmed TV and Entertainment
  - Media Technology, and Advertising

Alternative Data

451 Research Data Center Knowledge Base
The 451 Research Datacenter KnowledgeBase dataset provides datacenter location, services, and utilization data to support cloud services, ESG, energy, media, and critical infrastructure analysis. Users will have access to a global database of 7,300+ colocation and wholesale datacenter facilities, covering more than 90 data points per facility. This dataset includes:
- Datacenter Location and Ownership
- Capacity (Space/Power/Racks)
- Leased/Available Capacity
- Certifications/Capabilities

BuildFax Permit Data
Evaluate property permit data that gives insight to a property's condition. Linked with S&P Global REIT-owned U.S. properties which include shopping malls, restaurants, office spaces, and hotels, this dataset can be used to help investors predict and better understand the details of a REIT's capital expenditures. This dataset includes:
- Historic coverage dating back to the 1970s.
- Property condition data for over 40,000 U.S. REIT properties.
- Detailed data on remodeling, solar installations, new construction, roof age, and maintenance history or assess building permit data aggregated to the property and zip code level for macro analysis.

FDA Adverse Event Reporting System (FAERS)
Leverage structured data from the FAERS database for records of adverse event reports, medication error reports and product quality complaints resulting in adverse events that were submitted to FDA.
- Includes details on demographics, drug, indications, outcome, reaction, source, and therapy for the related event.
- Covers over 400,000 events that relate to a drug, compound, or device. Events are linked to the drug or device owner.
- Data is reported for companies with operations, sales, and distribution in the United States.

FDA Orange Book
Identify drug products approved on the basis of safety and effectiveness with FDA Orange Book data.
- With history back to 2001, link approximately 50,000 named pharmaceuticals back to a set of compounds and a named drug owner.

FDA Pre-Market Notifications 510(k) Filings
Access structured FDA Pre-Market Notifications 510(k) filings — Notifications by a company that they intend to market a medical device, which must be filed 90 days prior to device being marketed.
- 501(k) data goes back to 1976 and covers over 150,000 notifications from global companies with U.S. operations regulated by the FDA.

Fiscal Note U.S. Legislation and Regulation Data
Leverage proprietary technology aggregating laws and regulations from Congress and Federal Agencies in real time to help you determine and assess risk within your industry or portfolio. This machine-readable text dataset encompassing U.S. bills and regulations includes:
- Full legislative text from the 111th Congress (January 2009) to present.
- Probability of passage/forecasts for every new bill, alongside key metadata such as topics, industry tags/GICS codes, committees, sponsors, etc.
- 10 Years of Federal Regulations stemming from Administrative Agencies, including Proposed Rules, Final Rules and Presidential Executive Orders.

Global Machine Readable Filings
This dataset expands on the U.S. Machine Readable Filings feed by providing parsed text for non-US annual and interim reports, broken down into the various sections identified by the company, with extraneous information such as page numbers, images, and tables removed.

IPqwer Patent and Trademark Data
Provides intellectual property (IP) datasets consisting of both patent and trademark records for public and private companies owning IP. Intellectual property represents an important financial and legal asset for companies, including startups. Use this dataset to understand:
- Which companies are actively filing patents and trademarks, even across multiple jurisdictions.
- Patents or trademarks involved in a merger/acquisition.
- Trends in intellectual property filings by industry sector and/or other categories.
Machine Readable Broker Research

Unlocks the value within equity research reports by cleansing and parsing reports to deliver structured text from partner brokers for Natural Language Processing (NLP) analysis. With a parsed, metadata tagged version of equity research, analysis can include:

- Focused research across report categories such as economic analysis, fixed income, portfolio/asset allocation, as well as event driven topics such as initiation of coverage, M&A, and public offerings.
- Overweight articles published by brokers or analysts in their sectors of expertise with person ID’s available for all publishers.
- Consistent schema across all brokers for ease of use.
- Select only the brokers of highest interest in your package; broker list available upon request.

Machine Readable Transcripts


- Seamlessly link the Speaker ID to the S&P Capital IQ Estimates and Professionals database to help identify sell-side analysts’ revisions.
- Sync with events data either via feed or through streaming XML messages for details and alerts on upcoming calls scheduled for transcription.
- Historical transcripts data available back to 2004.
- Coverage includes 10,600+ companies and growing with 100% coverage of the S&P 500, Russell 1000, and FTSE 100, and with 95% coverage of the S&P Euro 350.

Market Intelligence News

Access industry-specific articles to analyze deep sector financial opportunities and risks along with understanding themes, trends and activities driving the market.

- Articles written by 300+ data journalists.
- 500+ articles and 180+ stories per month.

Panjiva Macro: UN Comtrade Data

Panjiva Macroeconomics data offers import and export coverage for 170+ countries. Sourced from UN Comtrade, with this data you can:

- Expand your insights on global trade due to broader coverage than shipment-level records available in many geographies with access to the largest repository of international trade data.
- Leverage HS Codes to analyze aggregate trade flows between countries at the commodity level.
- Access aggregate metrics for dollar value, weight, and volume of shipments from over 170 countries.
- Receive access to the raw data underlying Panjiva’s trend spotting tool.

Panjiva Supply Chain Intelligence

View global transaction details such as buyers and sellers, product descriptions, cargo size, and trade value to help understand the associations among global trading relationships.

- Leverages machine learning technologies to surface key insights from unstructured supply chain data and resolves entities to their parent company for your speedy analysis.
- Access coverage spanning approximately 40% of global merchandise traded by dollar value*, over 1.5 billion transaction records, and 13 million company to company relationships for a comprehensive view of the global marketplace.

Preqin Alternative Asset Fund Performance

The Preqin dataset provides analytics and research on the alternative assets industry, including private equity, private debt, hedge funds, real estate, infrastructure and natural resources. You can utilize Preqin’s data to support your daily activities including fundraising, investor relations, asset allocation, portfolio management, fund manager selection and business development.

S&P Global ESG Scores

An environmental, social and governance dataset that provides company level, dimension level, and criterial level scores based on the SAM Corporate Sustainability Assessment (CSA) process, an annual evaluation of companies’ sustainability practices. Drawing upon 20 years of experience analyzing sustainability’s impact on a company’s long-term value creation, this is one of the most advanced ESG scoring methodologies. This dataset provides:

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* The assumptions in this analysis are calculated using proprietary algorithms in addition to 2016 Global Merchandise Trade by Value data reported to UN Comtrade, the International Trade Statistics database, by the participating governments. Using a factor between 1 and 0.46, we have made these assumptions as of August 28, 2018, to calculate the global merchandise traded by dollar value coverage. Based on availability of the underlying data, these assumptions are subject to change.
- Sustainability scores, that have an impact on a company's business value drivers, including growth, profitability, capital efficiency, and risk exposure, of over 2000 companies.

- A qualitative screen based on SAM's Media and Stakeholder Analysis (MSA evaluates a company's response to critical sustainability issues that may arise during the year).

- Full data history dating back to 2013.

- Easy linking to other S&P Global Market Intelligence identifiers.

**SCRIPTS Asia Transcripts**

Coverage of machine readable transcripts for companies in Asia, available in machine-readable format exclusively via Xpressfeed.

- Current coverage of transcripts includes 1,000+ Asia Pacific equities.

- Coverage of non-English events in APAC such as earnings releases, shareholder meetings, investor days, and other corporate events that are typically hosted in local languages and available on an invite-only basis to investors and corporate partners.

- Calls hosted in foreign languages will be both transcribed in local language and translated to English for easier analysis.

**Textual Data Analytics**

Sentiment scores and behavioral metrics for earnings calls delivered intra-day in machine-readable format.

- Quickly assess the sentiment expressed on earnings calls of 10,600+ active companies dating back to 2004.

- Implement 39 sentiment scores and behavioral based metrics derived from Natural Language Processing (NLP) into your analysis or to use as a benchmark.

- Easily combine transcripts of call data from earnings, M&A, guidance, along with special calls and conferences with existing datasets to formulate unique, proprietary datasets.

**Trucost Carbon Earnings at Risk**

Stress test a company’s current ability to absorb future carbon prices and understand potential earnings at risk from carbon pricing on a portfolio level as well as forward-looking estimates of financial risks in line with the recommendations of the Task Force on Climate-Related Financial Disclosures (TCFD). This dataset can help you:

- Conduct scenario analysis and develop forward-looking estimates of financial risk or carbon pricing.

- Understand and assess the potential impact to a company’s earnings today if the company has to pay a future price for their greenhouse gas emissions.

- Examine the potential financial impact of carbon prices at a constituent and portfolio level under a range of scenarios.

**Trucost Environmental Data**

With over 10 years of historical data, this essential environmental intelligence helps companies and financial institutions understand their exposure to environmental factors to inform and identify solutions for a more sustainable global economy.

- Provides robust, standardized environmental data on more than 15,000 public companies.

- Measure environmental impact across key dimensions for an additional 6,000 private companies.

- Assists with business decision-making by quantifying exposure to climate risks, identifying engagement opportunities and informing greener strategies.

**Trucost Paris Alignment**

Track your portfolios and benchmarks against the goal of limiting global warming to 1.5 degrees C° and 2 degrees C° climate change scenarios. This dataset allows users to identify the scale of reductions required by 2025 and beyond to meet the Paris Agreement goal and includes:

- 14,000 companies globally with a set of forward-looking analytical tools to quantify and track energy transition to a low carbon economy.

- Forward-looking indicators over a medium-term time horizon: minimum of five years historical data and six years of projected future emissions.

- Companies and sectors that are compatible with a below 2 degrees C world.

**Trucost Physical Risk Data**

Assess company exposure to physical risk at the asset-level based on a database of over 500,000 assets mapped to 15,000+ listed companies in the S&P Market Intelligence database. The dataset includes:

- Seven climate change physical risk indicators including heatwaves, cold waves, water stress, hurricanes, wildfires, flood and sea level rise.

- Low, moderate and high future climate change scenarios based on the Intergovernmental Panel on Climate Change (IPCC) Representative Concentration Pathways (RCP).

- Estimates of climate change physical impacts in 2020, 2030 and 2050.

**U.S. Machine Readable Filings**

Provides all of the textual portions of public filings, broken down into the various sections identified by the company, with information such as page numbers, images, and tables removed. The data is delivered in a structured format, allowing customers to perform Natural Language Processing (NLP) against this set of data without having to do the document cleanup and structuring themselves.
– Each document is broken down into headings and the text that is underneath it, with document hierarchy retained.
– Extraneous text (e.g. page numbers, headings etc.) as well as non-textual information (e.g. images, tables) are removed to not disrupt language flow.
– Updates delivered every two hours.

Yewno Judicial Analytics
Analyze the text of court opinions, track emerging new topics, identify key legal themes, and review courts predispositions towards specific sectors with rich, document level information from millions of court opinions.
– More than 2,100 unique public entities extracted as Plaintiffs/Defendants from Court Opinion Metadata.
– Court opinions sourced from over 390+ US courts.
– Weekly updates with data going back to 2008.

Estimates
S&P Capital IQ Estimates
Standardized database of global, real-time financial forecasting measures, such as upgrades/downgrades, target price revisions, and market-moving news.
– Includes estimates based on projections, models, analysis and research from analysts, brokers, and the companies themselves.
– Annual, quarterly, and semiannual time periods for 18,000+ companies.
– History is from 1996 for International companies and from 1999 for North American companies.
– The intra-day package gives you the most timely estimates and guidance, with updates and revisions available up to every five minutes.

Cross Reference Services
Leverage our extensive global Cross Reference Services that seamlessly links reference data by company, security, and industry — so you can better manage data integration and minimize manual processes.

Business Entity Cross Reference Service (BECRS)
Extensive linkages between 28+ million entities, companies and issuers.
– Use the Company ID as the primary key and cross reference company identifiers from a range of sources — both standardized and proprietary.
– Link to entity identifiers such as LEI, S&P Global Ratings, CUSIP6, and more.

Global Instruments Cross Reference Services (GICRS)
Access comprehensive database of security identifiers cross referencing 65 million instruments recognized globally that minimizes the impact on back-office systems and operations, while facilitating cross-border communications.
– Based on a global securities database that links a security to its ISIN, CUSIP/CINS, SEDOL, Bloomberg FIGI, Barra, Markit LoanX, and more.
– Coverage includes: Equity, Fixed Income, Mutual Funds, Indexes, and more.

Industry Sector Cross Reference Services (ISCRS)
Industry sector classifications linked at the company level using the Company ID.
– Industry classifications include; GICS®, ETF classifications, S&P Global Ratings Sectors, NACE, ANZSIC, SIC, NAICS and ICB Sector classifications.

Industry Classifications
ETF Style Classifications
The ETF data package provides a comprehensive database of more than 11,000 publicly traded North American Exchange-Traded Products.
– Includes both Exchange-Traded Funds (ETF) and Exchange-Traded Notes.

GICS® Direct
A joint product of S&P Global Market Intelligence and MSCI to construct their indices.
– Includes the current classification for active companies in more than 120 countries and provides more than 47,000 company classifications and covers over 61,000 global securities.

GICS® Historical Databases
GICS® historical databases are available as add-ons and provide historical company-level global industry classification codes.
– Active and inactive classifications for over 88,000 companies, across over 135 countries, with history available from 1985 forward.

Ownership
Access detailed institutional, mutual fund and insiders/individuals equity share ownership data for public companies along with public float shares, buys and sells of insiders and major shareholders.
– Consists of institutional, mutual fund, and insider/individual owners.
– Access ownership summaries, details, insider trading activity, portfolio holdings, fund views, and tradable float shares.
Qualitative

Business Relationships
Dive deep into different relationships companies may have by analyzing details on a company’s customers, suppliers, strategic alliances, and key relationship types.

Company Intelligence
Profiles of public and private firms worldwide including company contact information, competitors, financial auditors and summary or detailed-level business descriptions.

Company Relationships
The S&P Capital IQ Company Relationships package is a global database of all relationships that exist between companies in the S&P Capital IQ universe.

– Relationship types include acquisitions, investments, investment arms, lenders, affiliates, index providers, and more.
– The relationship is categorized as current, prior, pending or canceled.
– Can be used to build a corporate family tree, determine the ultimate parent of a company, identify private equity sponsors, find current and prior investors in a company.
– Historical coverage dates back to 2000.

Global Events
Access corporate actions for past and future events, with over 1,300 generated each day including operating results calls, interim management statement calls, fixed income investors calls, operating results announcements, interim management statement announcements, analyst days, guidance/update calls and more.

Key Developments
Information on more than one million key developments, based on over 160 standardized topics.

– Over 20,000 news sources including press releases, regulatory filings, company web sites, web mining, and call transcripts.
– Provides reliable time stamps and metadata, which allows clients to analyze historical topics and the impact it had on the company's stock price.
– Covers public, private, and investment firms globally with topics such as earnings announcements, dividends, board meetings, customer announcements, organization structural changes and more.

Private Equity
Access insight into current investment criteria and areas of interest for public and private investment firms, public and private funds and investment arms including:

– The range of money an investment firm looks to invest with each vehicle, alongside the fundamental ranges (enterprise value, total revenue and EBITDA) it looks for in its target companies.
– The geographies the investment firm considers for private equity investments.
– The industries the investment firm considers for private equity investments.
– The life cycle stages and transaction types the investment firm considers for private equity investments.

Professionals
Profiles of professionals including biography, contact data, education, compensation, affiliations, and corporate board memberships each linked to a person ID.

– Gain insight on over 3.2 million professionals with career history and relationships that capture professional changes over time.
– Research individuals based on biography, contact data, education, compensation, affiliations, and corporate board membership information.

Transactions
Profiles of approximately two million transactions captured across the globe.

– Includes M&A, private placement, venture capital, PIPE, spin-off, bankruptcies, share buyback programs, and equity/debt public offerings.
– Each transaction has a synopsis, deal size, company participants, advisors coverage and associated filings.
– The global transaction database provides up to 10 years of history.

Stock Selection and Risk Models

Alpha Factor Library
One of the most comprehensive collection of global equity selection signals available today, generated using point-in-time financials.

– The Library covers both developed and emerging markets.
– Composed of hundreds of stock selection signals that reflect standard investment approaches among equity investors in the alpha and risk space.
Credit Ratings

Fitch Credit Ratings
Comprehensive coverage includes 35,000+ issuers, the industry’s leading source of bank ratings, and four levels of market sector indexing:
- 25 distinct rating types, including recovery, national, local currency, country ceiling, market sensitivity, and viability ratings.
- Over 100 fields of issuer data.

Moody’s Investors Service
Credit Ratings on 25,000+ rated fixed-income issuers and 30,000+ securities for public, corporate, and structured finance, as well as for rated sale, class and issue level securities.

S&P Global Ratings Scores and Factors
Strengthen your credit risk management and benchmarking with Scores and Factors from S&P Global Ratings. Access the underlying business, financial, industry, and economic risk factors and assessments, plus the stand-alone credit profile, which drive an analyst’s rating recommendation for Corporations and Banks:
- Create meaningful financial benchmarks for internal risk models to better understand a company’s financial risk relative to its rated peer group.
- Understand an issuer’s stand-alone credit profile to uncover hidden risks as a result of weakening support from the parent, affiliate, or related government.
- Rank companies with similar ratings from S&P Global Ratings by assessing a company’s business risk profile, its industry risk, and competitive position.

S&P Global Ratings with RatingsXpress®
Strengthen your credit risk management and benchmarking with independent credit ratings from S&P Global Ratings. Assess the underlying business, financial, industry, and economic risk factors and assessments, plus the stand-alone credit profile, which drive an analyst’s rating recommendation:
- Coverage includes 9,400 Global Issuers (GI) — including: Corporates, Financial Institutions, Utility and Insurance Companies/84,000 securities, 570 Sovereign, International Public Finance and Government entities/13,000 securities, 720 U.S. Public Finance (PF) entities/680,000 securities, 12,000 Structured Finance (SF) transactions — including asset-backed, commercial mortgage-backed and residential mortgage-backed securities and collateralized debt obligations/38,000 securities.
- S&P Global Ratings analytics service, CreditStats Direct®, provides adjusted financial statement data, including criteria, research, credit ratings, credit-adjusted financials and ratios.
- The data covers more than 700 rated global banks and 2,700 rated corporates and utilities.
- CreditStats Direct® enables you to programatically enhance your credit scoring modeling, analysis, and risk evaluation methods in a more efficient manner.

Credit Indicators

Credit Analytics Benchmarks
Monitor trends across countries, global industries, country specific industries and popular S&P Dow Jones Equity Indices with Credit Analytics Benchmarks:
- We calculate the median, mean, quartiles and other statistical levels of risk so you can both understand a company specific level of risk, via the PD or credit score, relative to a peer benchmark.
- Follow trends to uncover deteriorating or improving industries and regions.

Credit Default Swap (CDS)
Credit Default Swaps, although not credit risk indicators in themselves, are used for monitoring how the market views the credit risk across a wide range of companies and financial institutions and banks. The offering contains the 5-year CDS spread content.

CreditModel (CM)
Stay one step ahead of credit risk with our cutting edge suite of statistical credit models that utilize financial statement and macroeconomic data to generate a quantitative credit score that statistically matches a credit rating from S&P Global Ratings:
- Map scores to observed default rates to quantify default risk.
- Quickly evaluate the long-term creditworthiness of mid- and large-cap, public and private, banks, insurance companies, and corporations globally.
- With over 250 countries and more than 100 segment-region- and industry-specific models, CreditModel provides the coverage you need to expand your understanding of the unrated universe.
- Streamline your analysis with access to our database of over 58,000 pre-scored companies worldwide.

Market Derived Signals (MDS)
Statistical measures that are calculated utilizing a proprietary S&P Global model:
- Evaluates CDS spreads in order to provide an early warning of potential credit changes and capture the market’s daily view of a company’s perceived risk.
- There are approximately 1,500 entities that have an MDS, a figure that fluctuates depending on the number of CDS that are in the marketplace. Data is available daily for scored entities.
**Probability of Default (PD)**
Statistical measures that are calculated utilizing a proprietary model — PD Model Market Signals Corporates.
- Translates stock price volatility into credit risk indicators in order to provide daily estimates of the probability that an entity will not meet its contractual obligations.
- Data is available daily for publicly traded companies.

**Probability of Default Model Fundamentals (PD FN)**
Utilizing public and private company financial statements and proprietary risk metrics, our models help you measure the likelihood of default over a number of time horizons.
- Quickly evaluate the 1-5 year default risk of public and private banks, corporations and REITS of any size.
- Map PDs to lowercase letter credit scores (i.e., ‘bbb’) for increased comparability.
- Global coverage is driven by models covering over 250 countries and more than 20 segments, regions, and industries.
- Optimize your workflow with access to our pre-scored database leveraging comprehensive, timely and robust data from S&P Global Market Intelligence for over 900,000 companies globally.

**Probability of Default Model Market Signals (PD MS)**
Identify potential default risk before it occurs with our equity market driven PD Market Signals model.
- Our econometric model captures relevant risks when calculating a counterparty’s probability of default (PD) and distance to default (DD) on a daily basis.
- Map PDs to lowercase letter credit scores (i.e., ‘bbb’).
- Access a pre-scored database of over 67,000 companies over the past 15 years.

**Indices**

**Euronext**
The Euronext family of indices covers billions in multiple asset classes (e.g., futures, options, exchange-traded products, and options) across several EMEA (Europe, the Middle East and Africa) countries.
- The Euronext family of indices include:
  - AEX Index (Amsterdam Exchange Index)
  - CAC 40
  - BEL20 Low Carbon 100 Europe Index
  - PSI-20*

**FTSE**
Index- and constituent security-level data reflecting changes and adjustments to index composition and constituent weightings for the FTSE UK index series and the FTSE All World series.
- Current and historical constituent data history back to 2001, and daily index market data back to 1992 is available for the FTSE UK series.
- Current and historical constituent data history back to 2006, and daily index market data back to 1993.

**MSCI**
Index- and constituent security-level data for the MSCI global equity benchmark indices.
- Daily and monthly index-level history for developed markets dating back to 1970.
- Constituent level data is available for both developed and emerging markets.
- Access rolling 13 months of daily data history and a rolling 20 years of monthly data history.

**Russell**
The Russell US Indexes, serve as leading benchmarks for institutional investors.

**S&P Dow Jones**

**TOPIX**
The TOPIX Index Series provides a measure of the overall trend in the stock market and is used as a benchmark for investment in Japanese stock.

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*S&P Global Ratings does not contribute to or participate in the creation of credit scores generated by S&P Global Market Intelligence. Lowercase nomenclature is used to differentiate S&P Global Market Intelligence PD credit model scores from the credit ratings issued by S&P Global Ratings.*
About S&P Global Market Intelligence

At S&P Global Market Intelligence, we understand the importance of accurate, deep and insightful information. We integrate financial and industry data, research and news into tools that help track performance, generate alpha, identify investment ideas, perform valuations and assess credit risk. Investment professionals, government agencies, corporations and universities around the world use this essential intelligence to make business and financial decisions with conviction.

S&P Global Market Intelligence is a division of S&P Global (NYSE: SPGI), the world’s foremost provider of credit ratings, benchmarks and analytics in the global capital and commodity markets, offering ESG solutions, deep data and insights on critical business factors. S&P Global has been providing essential intelligence that unlocks opportunity, fosters growth and accelerates progress for more than 160 years. For more information, visit www.spglobal.com/marketintelligence.

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