



PRODUCT GUIDE

V.1

BACKED BY OVER 100 YEARS OF
INDUSTRY EXPERIENCE

Contents

Company Information.....	3
Financial Action Services.....	4
Fixed Income.....	4
Equity Corporate Actions.....	5
Corporate Actions Event Descriptions.....	7
Worldwide Corporate Actions (WCA).....	10
Combined FII and EDI Feeds.....	11
US Mutual Funds.....	11
Cash Dividends - Worldwide Coverage.....	12
End-of-Day Pricing Data.....	13
Worldwide Equity Cost Basis.....	13
Historical Actions Services.....	14
Financial Stock Guide Service.....	14
Financial Bond Guide Service.....	15
Security Master Scrubbing Service (SMS).....	15
Securities Reference Services (SRS).....	16
FII Subscriber's Research Service.....	17
Access.....	18
FII Online.....	18
Security Master Scrubbing Service (SMS).....	19
Financial Actions Alert Service (FAAS).....	19
FII's Annual Guide to Stocks (printed edition).....	19
Financial Technologies Solutions' Corporate Actions Announcement Processing System (FTS CAAPS).....	20
Delivery Methods.....	21
Feeds.....	21
Timing.....	21
Consultancy Services.....	22
Analysis.....	22
Strategy.....	22
Implementation.....	23
Case Study	23
Support.....	24
Customer Support.....	24
Social Media and Website.....	24
Contact Information.....	25

About Financial Information Incorporated

Financial Information Incorporated (FII) was founded in 1911 and is the leading global provider of domestic and international financial corporate actions and historical reference services.

Over 100 years ago, FII's runners hurried along Wall Street to the offices of our subscribers. They delivered hastily handwritten notes describing events and changes that impacted the value of stocks and bonds traded in the public markets. These notices evolved into our widely used Financial Daily Card Service, the industry standard for Corporate Actions information.

The next service, was the Called Bond Card, created in 1915. Then, the Warrant Service was created in 1985, and the Put Options Service was offered a few years later in 1989. FII's Online Inquiry System was re-launched in 2000 as FII Online, which today remains our premier customer-facing research tool.

"We're the Company That Wrote the Book" – FII is the creator and publisher of the Annual Guide to Stocks, which is known as the "Bible" to the securities industry. The printed version of "Stock Guide" is a vital research source for financial professionals and is available via FII's online portal – FII Online.

FII's clients consist of:

- Banking and brokerage firms
- Accounting and law offices
- Government agencies
- College and public libraries
- Private investors.

Our research tools provide our clients with efficient, cost saving solutions to their data. Our research tools provide our clients with efficient, cost-saving solutions to their data needs. With a staff of expert research analysts and editors they collect, review, verify and publish information vital to the securities industry.

Financial Actions Services

FII's **Financial Actions Services** report real-time Corporate Action activity which affects publicly traded U.S and Canadian Equity and Fixed Income securities.

Specialists in our four segments: Reorganization, Called Bonds, Put Options and Warrant Watch Service cover a breadth of events providing information in a clear, logical order to facilitate the processing of all Corporate Actions.

FII aims to provide not just the Who, What, When details on corporate actions events, but also the Why – especially in cases of complex events. We distill the information and explain it in condensed, uniform terms.

Fixed Income

Including events from our Reorg, Called Bonds and Put Options services

Voluntary Offer Events	Calls	Puts
Dutch Auction	Full, Partial and Pre-refunding Calls on Corporate and Municipal Bonds	Optional Puts
Early Tender	Sinking Funds	Mandatory Repurchase
With Consent Solicitation	Redemptions on Convertible Corporate Bonds – with Conversion details	Mandatory Retained
Exchange of Notes	Full and Partial Defeasances	Remarketing Agent, First Notification Date, Last Notification/Expiration Date, Put Frequency, Next Put Date
Fixed Spread		
Priority Acceptance		

Bankruptcy	Conversions	Changes and Defaults
Petition Filing	Rate Changes – with reasoning	Consent Solicitations
Chapter Conversion	Expiration of Conversion Privilege – with reasoning	Interest Rate Change
Ballot Solicitation	Contingent Convertible Securities	Extension of Maturity
Confirmation Date	Special Conversion Options	Maturity Date Accelerated
Effective Date	Mandatory Conversions	Default Notice
Distributions		Payment in Default
Dismissal/Termination		
Worthless designation		

Equity Corporate Actions

Including events from our Reorganization and Warrant Watch services as well as Calls on Preferred Stocks and Warrants

Effective Capital Events	Mandatory Exchange Events	Static Data Changes
Forward Split	Restricted to Unrestricted	Incorporation change
Distribution/Spin off	Redemption for shares	Name Change
Stock Dividend	Exchange due to maturity	Change of Fund Portfolio Name
Reverse Split	Conversion from	CUSIP Change
Going Private via Split	Corporation to trust	Preferred Stock Interest Rate Change

Par Value Change	Trust to corporation	
Reclassification	Trust to open-ended mutual fund	
Unit Separation	Closed-end to open-end	
Calls on Preferred Stock or Warrants	Bank to holding company	
Conversion on Preferred Stock or Change in Conversion Terms		

Mergers/ Acquisitions	Voluntary Offer Events	Rights	Bankruptcy
Stockholders' vote	Dutch Auction	Transferrable and Non-Transferrable	Petition Filing
Acquirer offering to purchase	Exchange of Securities	Rights Distribution	Chapter Conversion
Plan/Scheme of Arrangement	Fixed Spread	Final Terms	Ballot Solicitation
Compulsory/Squeeze Out	Intention to Acquire	ADR Rights Sale Distribution	Confirmation Date
Special Purpose Acquisition (SPAC)	Odd Lot	Poison Pills	Effective Date
Going Private	Priority Acceptance	Declaration	Distributions
Competing Proposal		Redemption Distribution	Dismissal/Termination
Escrow			Worthless designation

Warrants	Additional Legal Events	ADR's & GDR's
Original Issue	Class Action (Filings, Proposed Settlements, Settlement Distributions)	Basis Change (Due to underlying change, Concurrent with ADR Split)
Exercisable	Liquidation (Meeting/Approval, Interim and Final Distributions, Liquidating Trust Formation, Worthless Designation)	Termination (Option to convert to underlying, Cash for sale of underlying)
Expiration Due (Reminder message one month prior to expiration)	Insolvency	Change to Sponsored
Expired/Worthless Declaration	Dissolution	Cash for sale of underlying distribution shares
Adjustment of Terms	Receivership/FDIC Takeover	
Exercise Price Changes		
Call Feature and Redemptions		
Worthless Declaration (Due to underlying stock declared worthless)		

Corporate Actions Event Descriptions

FII's Fixed Income and Equity Corporate Actions are organized under the following Record Types

Bankruptcy – Bankruptcy transactions follow the progress of bankruptcy proceedings from the initial filing of a petition through its resolution. Information is provided on the initial bankruptcy petition filing as well as solicitation for consent of the reorganization plan, the reorganization confirmation, including the effective date and the exchange of outstanding securities for other securities and/or cash. Information is also provided when securities are declared worthless, when available.

Class Action – Class Action transactions consist of class action filings, proposed settlements, expirations of proof of claim filings, and final settlements.

Capital Change – Capital Changes are forward and reverse splits, changes in par value, and reclassifications of securities. Forward and reverse splits on warrant securities are supplied under the record type Warrant Reorganization.

Conversion – Conversion is the change in the terms of conversion of convertible securities, including the expiration of conversion due to call of a convertible bond.

Distribution – Distributions are property dividends, including spin-offs. Property dividends are defined as all dividends, except cash dividends or a class of stock distributed to holders of the same class of stock.

Exchange Offer – Exchange Offers are voluntary offers involving the exchange of an outstanding security for a different security, securities, or a combination of a different security or securities and cash. Exchange offers on warrant securities are supplied under the record type Warrant Exchange Offer.

General – General transactions include: ADR basis and sponsor changes; debt security changes in interest rates, maturity date extensions, or payments in default; companies placed into conservatorship or receivership, companies declared insolvent, companies dissolved; mandatory exchanges of exchangeable securities; termination of voting trust agreements; and solicitation of consents to change indenture terms. Mandatory exchanges are those in which a security was issued with the provision that the Issuer has the right to force the exchange of that security for a new security and the Issuer has exercised that right.

Liquidation – Liquidation transactions consist of liquidations proposed or approved, liquidating payments, and the formation of liquidating trusts. Liquidating payments may be solely in cash or in securities or in a combination of cash and securities. Final liquidating distributions are noted.

Merger – Mergers are mandatory exchanges of an outstanding security for a different security or securities, or for a combination of a different security or securities and cash, or solely for cash. Mergers on warrant securities are supplied under the record type Warrant Merger.

Name Change – Name Changes of companies will be shown from the old name to the new name.

Place of Incorporation Change – Place of Incorporation Changes include changes in the state of incorporation for U.S. companies, province or territory of incorporation for Canadian corporations, and changes in the place of incorporation for foreign companies.

Purchase Offer – Purchase Offers are voluntary offers involving the exchange of an outstanding security solely for cash. Purchase Offers on warrant securities are supplied under the record type Warrant Purchase Offer.

Purchase Rights – Purchase Rights consist of the declaration, amendment, distribution, or redemption of stock purchase rights, commonly called “Poison Pill” rights.

Rights Offer – Rights Offers are subscription rights offers; caution, these are not the same as purchase rights. Rights Offers on warrant securities are supplied under the record type Warrant Rights.

Stock Dividend – Stock Dividends are dividends in the same class of stock expressed in percentage terms and special dividends of securities to stockholders.

Corporate Redemption – Corporate Redemptions are redemptions of non-convertible corporate issues.

Convertible Corporate Redemption – Convertible Corporate Redemptions are redemptions of convertible corporate issues with conversion terms, if available.

Municipal Redemption – Municipal Redemptions are redemptions of municipal issues.

Sinking Fund – Sinking Fund consists of voluntary security tenders pursuant to sinking fund provisions.

Put Option – Put Options record type is used to enter the recurrence of put options on specified frequency intervals.

Warrant Redemption – Warrant Redemptions consist of warrants called for redemption.

Stock Warrant Service – Stock Warrant Service includes the original entry of the warrant issue into our database and any changes in the warrant terms or changes in the expiration date of the warrants.

Warrant Termination – Warrant Termination consists of the expiration of the warrants or warrants declared worthless.

Worldwide Corporate Actions (WCA)

FII has integrated data from **Exchange Data International (EDI)** into its internet query system, FII Online (FIIO). FII's International Service offers clients a full range of services providing global coverage of corporate actions events.

The **Worldwide Corporate Actions** service covers events affecting Equity Shares, ETFs, Covered Warrants, Warrants, Depository Receipts, Structured Products and Bonds traded as Equities. The service focuses on crucial events, which can be divided into four main categories:

General Events	Static Data Change Events	Securities Exchange Events
Announcement	Financial year change	Certificate exchange
Arrangement	Incorporation change	Demerger/spinoff
Call	International code change	Merger
Company meeting	Issuer name change	New listing
Lawsuit/Class action	Local code change	Preferential offer
Listing status change	Lot change	Purchase offer
	Security description	Security reclassification
	SEDOL™* change	Security swap
		Takeover

Capital Change Events

Assimilation	Conversion terms	Franking
Bankruptcy	Conversion terms change	Entitlement/open offer
Bonus/capitalization	Currency redenomination	Liquidation
Bonus rights	Distribution/distribution in specie	Par value redenomination
Buyback/repurchase offer	Divestment	Redemption terms
Capital reduction	Dividend	Return of capital
Consolidation/reverse stock split	Dividend reinvestment plan	Rights
		Subdivision/stock split

Combined FII and EDI Feeds

In addition to the look-up service provided through FII Online, FII can separately offer EDI's WCA data via custom files delivered in ISO 15022 format.

Clients can choose to combine their choice of WCA event types with FII's North American data to ensure coverage of the events and securities important to their operations.

US Mutual Funds

Our US Mutual product offers the highest quality reference data, comprehensive corporate actions and dividends data plus a daily pricing feed for US Mutual funds.

Corporate Action event coverage on Mutual Fund securities include:

Announcement	General Meeting	Par Value redenomination
Buy Back	International Code change	Return of Capital
CIK change	Issuer Name change	Registered Office change
Class Action	Location change	Security Description change
Consolidation	Listing Status change	Security Swap
Dividend	Lot change	Sub-division
Fund Transfer	NAICS change	Security Reclassification
Financial Year End change		

Cash Dividends – Worldwide Coverage

Reduce the challenge of managing information about how much shareholders are likely to receive and when dividends will be paid.

Announcements are available on cash, stock (script) and multiple payment choices through foreign currency options. Key data fields include:

Dates	Dividend Type	Amounts
Announcement	Regular	Gross
Record	Special	Net
Payment	Interim	Place of Listing (Exchange Code)
Ex	Final	

End-of-Day Pricing Data

The End-of-Day Pricing service covers **equities, bonds and indices listed** on 170 markets worldwide. Obtain fast access to accurate closing pricing data.

Data elements include:

ISIN	Close	Market Close Date	Security ID
Issuer Name	Comment	MIC	Security Type
Ask	Currency	Mid	Total Trades
Ask Size	Last	Open	Traded Value
Bid	High	Price Date	Traded Volume
Bid Size	Low	Exchange	US Code
Security Description			Primary Exchange

Worldwide Equity Cost Basis

Effortlessly track both a security's cost basis and its evolution

With our cost basis service, clients can fully understand how a security has evolved over a certain period from the original holding to all the new issues.

The service covers equities on a global level. It calculates and disseminates allocations and ratios to the per security level for all events that impact on a security cost basis.

Records are disseminated for each issued security and identify the original security, the issued security, and all necessary fields to identify the event and handle the cost basis and the number of share changes.

Data elements include:

Issuer Name	Old/New Shares Ratio
Event Type and Description	Round
Listed and Primary exchanges	Allocation Factor
Price, Market Value	Old & New Identifiers (ISIN, Local Code)

Historical Actions Services

FII's **Historical Reference Services** are the premier source of data to the financial industry. Surpassed by none, these indispensable services have been the backbone of the financial industry since 1911. FII's Historical Reference Services are considered by the financial industry to be the most comprehensive, timely and accurate services available.

Financial Stock Guide Service

Subscribers have access to security history on US and Canadian equity securities (Publicly traded Preferred, Common, ETF's, Mutual Funds, ADR's, GDR's & Shares of Beneficial Interest)

Active Stock Guide Service	Obsolete Stock Guide Service
60,000+ Active U.S. & Canadian securities, including companies incorporated offshore	Over 150,000 Obsolete Securities dating back to the late 1800's
Full Security Issuer and Issuer Descriptions, CUSIP or CINS, Place of Incorporation, Par Value, Transfer Agents – plus a separate section for inactive agents referencing the new agent – Transfer Charge, Dividend Disbursing Agent, Lead Underwriter, Poison Pills, Summary of Capital Changes and Stock Dividends for Active Stocks	Bankruptcies and Receiverships, Liquidations, Dissolutions, Corporate Charter Cancellations, Mergers and Acquisitions, Name Changes, Recapitalizations, Reorganizations, Stocks Declared Worthless
	Summaries of Capital Changes, Stocks Declared Worthless, Capital Changes and Stock Dividends for Obsolete Stocks

Financial Bond Guide Service

Subscribers have access to details and call history on Corporate and Municipal bonds

Corporate Bond Guide	Municipal Bond Guide
Over 60,000 US and Canadian Corporate Bonds	Approaching 1.5 Million US Municipal Bonds
Full Security Description, CUSIP or CINS, Interest Rate, Maturity, Place of Incorporation, Corporate Bankruptcies, Interest Payment Frequencies & Dates, Transfer Agent, Paying Agent, Registrar, Trustee	Full Security Description, CUSIP or CINS, Interest Rate, Maturity
Full call date	Issue full call date
Issuer Name Changes - new name and effective date	
Issuer Merger – acquiring entity name and effective date	

Security Master Scrubbing Service (SMS)

SMS enables subscribers to verify the accuracy of their Security Master File for North American Equities. Subscribers can compare their Security Master File – or any portion of their file – to FII's Financial Stock Service history files (data back to 1968) as well as FII's Financial Actions Services. SMS is now packaged with the Security Reference Service (SRS) and subscribers have 24/7 access to FII's reference and historical databases.

SMS results are separated into the following six subsets:

Worthless	Equity Unlikely	Non-Transferrable
Includes all CUSIPs for which there is a definitive Worthless record in the database; all CUSIPs for which a life ending event was accomplished through a distribution; or CUSIPs for which a life ending event carried an expiration for participation	Includes all CUSIPs for companies reported as dissolved with no other information available or for which corporate charters have been cancelled or for which we have other events in the database (such as a bankruptcy) that were reported specifically as equity unlikely rather than worthless.	Includes all CUSIPs for companies whose status is unknown. FI has been unable to locate these companies but has verified that their last-known agent is no longer handling the security. It is possible that these companies may become active at some future date.
Since the security is now worthless, no event will be reported which preceded the worthless declaration.	As with Worthless, no event will be reported which preceded the event with unlikely equity.	As with Worthless, no event will be reported which preceded the identification of the security as non-transferable.

Cashed Out	Exchanged	CUSIP Change No Exchange
Includes all CUSIPs exchanged for cash only, such as cash mergers or redemptions.	Includes CUSIPS which match to any event where an exchange of certificates was required or where the necessity of exchange could not be determined, such as a merger for stock.	Includes all CUSIPs where new CUSIP resulting from an event is not an exact match to target CUSIP but no exchange of certificates was necessary, such as a name change.
Events prior to the life-ending event will be reported to assist in determining the number of shares held on the final effective date to calculate amounts due at the end-of-life.	Events prior to the life-ending event will be reported to assist in determining the number of shares held on the final effective date to calculate amounts due at the end-of-life.	Events prior to the CUSIP-change event will be reported to assist in determining the number of shares held on the effective date of the CUSIP change.

Securities Reference Services (SRS)

A complete historical data service

SRS, contains mandatory actions on equity securities from the inception of the CUSIP number system in 1968 to the present.

Event Types include:

Active Stock	Distribution	Mandatory Exchange	Reclassification
Agent Change	Forward Split	Merger	Reorganized as Holding Company
Bankruptcy	Full Call	Name Change	Reverse Split
Bankruptcy	Liquidation	Non-transferable Security	Stock Dividend
Reorganization	Liquidation Final	Par Value Change	Trust Termination
Charter Cancelled	Payment	Place of Incorporation	Worthless Security
Dissolved	Mandatory Conversion	Change	

FII Subscriber's Research Service

FII's individualized research assistance

FII's subscribers have available to them a unique service that few vendors can offer. Once you become an FII subscriber you are given instant access to our **Subscriber's Research Service**. This service allows subscribers the ability to email our expert research team with requests for information. If the subscriber cannot locate the status of a security, FII's team will perform all the necessary research on the subscriber's behalf.

Access

FII's Data Services can be utilized through these services

FII Online

FII's web-based system allows subscribers easy search-based access to decades of vital FII's Financial Actions and Historical Data information, as well as EDI's International Data information.

FAS, SRS or EDI Basic Query

- The user can utilize the Basic Query Function to run a basic search with a CUSIP/ISIN/SEDOL, Symbol, Company Name, or any combination of the three.

FAS, SRS or EDI Advanced Query

- The user can utilize the Advanced Query Function to expand on a basic search by utilizing more search tools such as CUSIP/ISIN/SEDOL, Issuer Name, Services, Events, Equity or Debt, Voluntary or Mandatory, Card Date, Dated Date, Tickler Date, Maturity Date or any and all combinations.

FAS or SRS Agent Query

- The user can utilize the Basic Query Function to run a basic search with a Agent Name, Type (Stock, Bond, or All), Status (Active or Inactive), or any combination of the three.

FII's Legal Transfer Requirements and Stock Transfer Agents

- The user can utilize a pdf version of both the Legal Transfer Requirements and Active and Inactive Stock Transfer Agents.

Security Master Scrubbing Service (SMS)

'End-of-life' (file maintenance and ongoing portfolio) compares client CUSIP numbers to selected SRS records. A compare will be done of the client's valid, nine-character CUSIP list to the SRS/LRS database to create a subset of data matching the client's list.

Financial Actions Alert Service (FAAS)

FII's web-based portfolio service allows clients to create customized alerts, notifying them of corporate actions occurring on the securities in which they are interested. FAAS will automatically check CUSIPs and ISINs from subscribers' systems against FII and EDI Financial Actions Service and notify subscribers of the details of the pertinent corporate actions events via email. This time-efficient process can be set up to run daily, weekly, or at other frequencies at each subscriber's discretion.

FII's Annual Guide to Stocks (printed edition)

This premiere industry reference guide is bundled with FII Online for subscribers of FII's SRS service.

Financial Technologies Solutions' Corporate Actions Announcement Processing System (FTS CAAPS)

CAAPS is a secure, cloud-based software solution for workflow management and the processing of corporate actions

CAAPS is a rules-based workflow tool that streamlines the comparison of corporate action announcement information while providing flexible management and risk controls. The system collects, monitors, and reports corporate action information provided by the client's authorized sources, with multiple features that allow organizations to manage their work according to their business rules.

CAAPS supports ISO 15022 and ISO 20022 corporate action announcement messaging as well as client proprietary files. Each CAAPS client will access their own Virtual Environment to ensure privacy of their information using an encrypted (SSL) web site.

Using the CAAPS system, clients can design work queues which allow users to identify exception situations that should be addressed by operations personnel and monitor the lifecycle of the events and securities pertinent to their daily operations. Client-tailored risk measurements create a risk value for each event that clearly identifies where risk conditions exist, so users can organize their work and quickly assess where their attention is most needed.

Delivery Methods

Feeds

FII offers its data feed in the following formats:

ISO

- Offering Corporate Actions Notifications and Messaging standards in all event types described in Financial Action Services as well as cash dividends and additional event types upon request.
- 15022 and 20022

XML

Variable Length Records

Customized Solutions

Timing

Files can be delivered by or retrieved from our secure cloud servers on a schedule that works for your needs.

- Intra-day
- End-of-day
- Weekly
- Monthly
- Real Time (accessible via FII Online)

Consultancy Services

Back office operations

Collectively or as discrete activities, FII Consulting can offer advice and guidance to maximize the value of data received from sources ranging from Depositories, Exchanges, Custodian Banks and Data Vendors.

With a focus on Asset Servicing and ISO Standards, FII Consulting can assist in redesigning your operation to meet the new challenges faced by the Financial Services industry.

Analysis

- In depth review of your current procedures, data integration and workflow to identify inefficiencies and risk conditions.
- Onsite or virtual interviews with key personnel.
- Weekly reporting on analysis progress and recommendations industry.

Strategy

- Create a Strategic vision to maximize your data use with a roadmap to get you to where you need to be for data implementation.
- Establish an Implementation Plan with your internal and external counterparts, clients and data providers to implement your strategic vision.
- Develop RFP for 3rd party providers should the plan recommend the adoption of new products / service offerings.

Implementation

- Provide guidance towards installation of the components identified within the Implementation Plan.
- Create a detailed UAT Plan with appropriate Test scripts and success measures.
- Manage the Testing, and Training of your teams, to help onboard new products and services.

Case Study

- Analysis and recommendations on the usage of Corporate Action ISO messaging for a leading data vendor.

Support

While we follow the NYSE calendar and are closed on **certain holidays**, we are always available and willing to take urgent inquiries.

All inquiries are monitored, filtered, and sorted, and sent to the pertinent and relevant department. Both our Client Services and IT team members are actively engaged in this process and can address all client needs.

Customer Support

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800.367.3441

908.222.5300

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800.344.3292

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DATA THAT EMPOWERS

