



TRADE
HEADER

Bridging the global financial
messaging standards



Our reason why



Open message

standards have delivered a range of benefits to users in recent years, including enhanced interoperability, improved efficiency and increased transparency.



However, there are a number of challenges for institutions and vendors using them:

- Proliferation of new regulations
- Fragmented environment of standards and customized messaging formats
- Introduction of of new technologies (blockchain, APIs)
- Maintenance and cost challenges



This has led to a struggle to share business-critical trading and post-trade information cleanly and clearly with one another.



The TradeHeader Bridge



BRIDGING THE GLOBAL STANDARDS DIVIDE

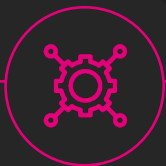
TradeHeader drives the standardization of data in financial markets to enhance connectivity and efficiencies and reduce costs and risk.

Our consulting, software development and training offerings help you to:



BRIDGE

between messaging standards



INTEGRATE

third party and in-house solutions



EXECUTE

the institution's strategic vision



Mapping your transformational journey



TradeHeader helps organizations

map their transformation journey

as they address operational challenges, embrace complex financial products and emerging technologies, and navigate today's evolving global regulatory environment.

SPECIALISTS IN THE FINANCIAL SERVICES INDUSTRY

**STANDARD
EXPERTISE**

**BUSINESS &
INDUSTRY
KNOWLEDGE**

**COMPLEX
FINANCIAL
PRODUCTS**

**FINANCIAL
TECHNOLOGY**



Why us?

WE ARE MORE THAN SPECIALISTS, WE ARE CO-CREATORS

With more than **15 years of industry experience**, we are closely involved in the design, evolution and customization of key data standards within the financial services industry:





We are partners



WE ARE LOOKING FORWARD TO SHARE YOUR CORE VALUES AND GOALS
PROVIDING AN INTEGRATED VALUE-ADDED SERVICE

Support for 6 months, 12 months, or long lasting, always with flexibility



15 years



10 years



3 years

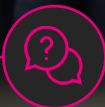


TradeHeader offers high quality analysis and consulting services specifically designed to enable and support firms' adoption of diverse standards across their operations.





CONSULTING



We support our customers **along the whole process**, accompanying delivering value at each step, from knowledge to development and delivery.

**PRODUCTS
& PROCESSES**

**DATA
MODELS**

**OUTPUT
FORMATS**



As relevant member of ISDA, FIX Trading, ISO, and ISITC communities, we can provide a higher level of added value to our customers.



We bring together our experience around FpML, ISDA CDM, FIX/FIXML and ISO20022 with a deep knowledge of complex financial products.



CONSULTING

Examples

Internal messaging for banking based on key standards:

- Development of extensions
 - Code generation based on schemas
 - Validation rules
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- Design of trade repositories
 - Standards compliance
 - OTC derivatives' trade enrichment

Data mapping between front-office and back-office systems:

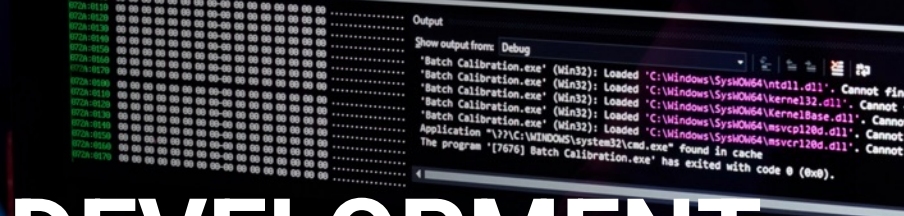


Data mapping between internal formats such in CSV, JSON to FIX, FpML, ISO 20022:





SOFTWARE DEVELOPMENT



Our DevOps delivers standards-related solutions and data validation tools for tier 1 banks, financial institutions and a diverse range of payments organizations around the world.



We are specialized in modelling processes and events around over-the-counter (OTC) and listed products, always with a strong commitment to open international standards such as FpML, ISDA CDM, FIX and ISO 20022.

PARSING AND FORMAT TRANSFORMATION	FAST, SCALABLE ARCHITECTURES	INTERNAL OR CLOUD DEPLOYMENTS
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SOFTWARE DEVELOPMENT

Examples



Data validators

Standards validators that incorporate hundreds of business rules and that be easily customized.



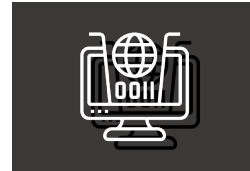
Data converters

Manages the conversion between financial formats using external scripts, which can be easily customized to support firms' internal models.



Product classifier

Classifies OTC derivative products in FpML and ISDA CDM formats using structural analysis.



Trade enrichment

Manages the enrichment of trade data based on legal and market conventions.

TRAINING



With extensive international experience, TradeHeader provides custom training around key financial messaging standards.



Our training options range from introductory sessions through to in-depth courses, with a particular focus on regulatory reporting and individual asset classes.



Training is conducted either on-site or online to better accommodate clients' schedules and specific needs. Training courses based on the use of FpML, FIX/FIXML, and ISO 20022.

**INTRODUCTION TO THE
STANDARDS**

**HOW TO EXTEND
AND/OR CUSTOMIZE**

**PARSING AND
VALIDATION**



TRAINING

Examples



FpML Training

Introduction to FpML: Including product representation, technical foundations, messaging, business processes and events, validation, customization guidelines.

Extending FpML: Focused on customizing FpML.

Validating FpML: Focused on coding a validation engine



FIX-FIXML Training

Introduction to FIX: Including the session layer, messaging and instruments. For the FIXML Schema, a section on technical foundations is also included.

Extending FIXML: Focused on customizing FIXML.



ISO 2022 Training

MT to ISO 2022: Focused on the migration from MT to ISO 2022, specifically on cross-border payments.

Extending ISO 2022: Focused on customizing ISO 2022 for internal enterprise messaging.

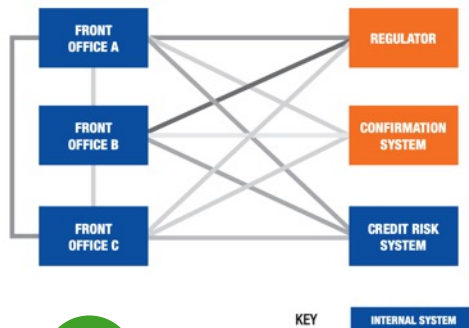


Case studies

Original state

Custom point-to-point interfaces in a global investment bank

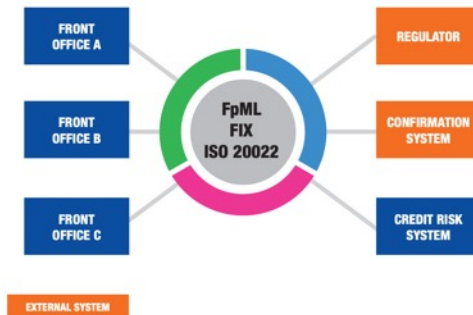
- High maintenance costs
- No data consistency
- Not scalable



TradeHeader Implementation

TradeHeader Solution

- Data mapping between front office and source systems; between back office and recipient systems; and the relevant messaging formats.
- Development of extensions
- Development of tools for internal validation and bug minimization
- Messaging samples based on real cases
- Messaging documentation



+ SCALABILITY + CONSISTENCY + INTEROPERABILITY



Selected clients

TradeHeader's clients include central banks, investment banks, asset managers, custodians, exchanges, service providers, and technology companies from USA, UK and Europe.

We also have advisory capacity in Canada, South America, Hong Kong and Thailand.

BBVA

Bloomberg

BME CLEARING

**COLUMBIA
THREADNEEDLE
INVESTMENTS**

CRÉDIT AGRICOLE
CORPORATE & INVESTMENT BANK

Nordea

Deutsche Bank



ISDA Safe,
Efficient
Markets

kantox

**Legal &
General**
INVESTMENT MANAGEMENT





Management team



Marc Gratacos

Founder & Managing Partner

Marc Gratacos has been involved in the standards space for over 15 years. Prior to founding TradeHeader, he was an XML Architect at ISDA. Over the years he has been involved in a wide variety of data integration projects within the financial industry.



Aleix Revilla

Head of Consulting

Aleix Revilla leads the consulting team. With degrees in economics and engineering, Aleix has established a strong track-record in OTC derivatives products, processes and messaging standards. He is expert in complex financial products and processes, data integration, conversion and validation.



Manuel Martos

Head of Software Development

Manuel Martos is a software development, DevOps, and architecture expert. Manuel creates tools and services around financial standards such as FpML, FIX/FIXML, and ISO 20022.



Contact



TRADEHEADER, S.L.

+34 619831118 (Spain)
+44 020 3287 1545 (UK)
+1 347 2846531 (US)

info@tradeheader.com
www.tradeheader.com





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