GEFEG
Passion for Standards

Industries

Finance Industry

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Financial digital transformation based on data modernisation and data harmonisation with ISO 20202 and OpenAPI

Integration made easier with technical solutions from GEFEG

GEFEG's design-time solutions span the whole range of a message design process. Typically, the message design lifecycle demands requirements and change management, the development of message standards, message implementation guidelines, and mapping specification, publication, validation, test automation and roll-out support.

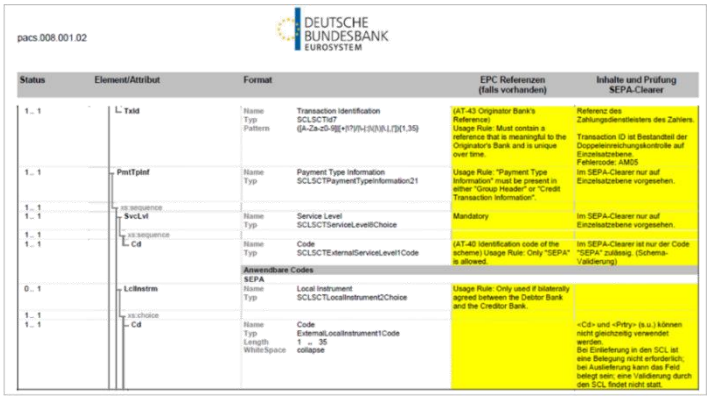
ISO 20022 has almost become the lingua franca in the finance industry, but other formats continue to exist within financial institutions and on their customers' side. GEFEG supports all formats incl. legacy formats, with focus on ISO 20022. The specification of OpenAPI's based on ISO 20022 and other message standards is also supported.

GEFEG's ISO 20022 Standard Distribution

GEFEG's ISO 20022 Standard Distribution forms the base for message implementation guidelines and message validation. It includes current and previous ISO 20022 UML models, enriched XML schemas and external codes. The ISO 20022 Standard Distribution is used with the message design editor GEFEG.FX and the GEFEG.Portal.

ISO 20022 Implementation Guidelines

Message Implementation Guidelines specify the usage of message standards (eBusiness Standards) in detail, which is on field level. Using the desktop editor GEFEG.FX you have the advantages of a professional software which manages message standards, specifications, their mappings and test data.



ISO 20022 guide documentation of the SEPA Clearer of Deutsche Bundesbank

Best practice

- Establish unambiguous implementation guides and provide tools for validating messages and files for compliance to ensure a uniform implementation of the new standard.
- Minimize the duration of the migration period.

ISO 20022 Roll-out

The roll-out of message implementation guidelines to a finance community is a major effort. The GEFEG.Portal provides collaboration, publication and validation features to support this task. The self-service validation facility contributes considerably to data quality and message interoperability - and decreases on-boarding efforts.

Best practice

- Enforce uniform implementations of ISO 20022 through rigorous validation and testing.
- Centralize migration management efforts and the community management
- Use ISO 20022 as a means to achieve further goals, such as multiple daily clearings, real-time clearing, etc, rather than as an end in itself.

Training - Document, test, publish and update easily maintainable ISO 20022 specifications

ISO 20022 schemas for your financial messages with GEFEG.FX

How can you adopt, implement and validate the ISO 20022 message standard in a time-saving manner? Which software functions support you in developing financial messages easily maintainable? In our training, you will learn how to create ISO 20022 specifications with the GEFEG.FX software – allowing you to focus more on content than on technical implementation.

ISO 20022 in the GEFEG.FX software

In the GEFEG.FX software, all ISO 20022 messages are available to you – and updates will be delivered regularly and promptly when new versions are available. To create company-specific messages, many users choose to use the ready-made XML Schema collection instead of the ISO 20022 data model. In this training, we will show you how to adapt ISO 20022 XML schemas to your requirements, for example by extending the schemas and including your own codes or code lists. You will also learn how to create variants for your financial messages without much effort.

You will learn how to use schema guides so that you can maintain your specification in a time-saving way throughout its entire lifespan, in case of necessary adaptations after official updates or in case of changes to your business processes. As soon as you have completely created your ISO 20022 specification, you can generate output in HTML or PDF format at the touch of a button – ready and waiting for the publication of your ISO 20022 messages.

Training topics of “Document, test, publish and update easily maintainable ISO 20022 specifications”

- The ISO 20022 message standard in the GEFEG Distribution – features and overview
- Adapt ISO 20022 XML Schemas to your own requirements
- Using XML schema extensions
- Document and publish work status and finished specifications
- ISO 20022 Modelling

What will you know afterwards?

After the training course, participants will know how to use ISO 20022 schemas in GEFEG.FX to document financial messages. In addition, participants will be able to use XML schema guides and extend ISO 20022 XML schemas.

Who should attend?

This course is intended for all interested users of financial messages who want to specify, document and publish professionally using the ISO 20022 message standard.

What you should already know?

Participants should already have knowledge of XML Schemas or have attended the XML Schema Basics course.

How much time will the training take?

It is best to plan two full days for the training.

When will the next training take place?

Find our current training programme here.

ISO 20022 implementations in use, developed and supported by GEFEG solutions

- Bank of England
- BITS
- Bundesbank
- The Clearing House
- DATEV
- European Payments Council
- MASAV
- Mastercard
- Nordic Payments Council
- PAY.UK
- SIX Payment

and many more ...

Our Services

- Provision of ISO 20022 incl. updates, or other Industry standards, with GEFEG.FX software
- Developing customer-specific ISO 20022 guides for implementation
- Developing API specifications based on OpenAPI 3.x
- Data Harmonisation of your in-house platforms to international standards, and other consulting and professional services for systems integration
- Developing and documenting business mappings from ISO 20022 to other formats, such as SAP-iDoc or SWIFT.MT, and vice versa
- Visualizing ISO 20022 or application guidelines in HTML projects
- Publication in PDF, Word, HTML format
- Integration to middleware through JSON, YAML and other formats
- Hands-on support for projects, supported by GEFEG software
- Validation solutions for self-checking SISO 20022 messages, or via a REST API

Are you looking for further information? Contact us by e-mail or via LinkedIn - we will be pleased to get back and promptly assist you.