

Industries

Customs Sector





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Customs Sector

The WCO Data Model (WCO = World Customs Organization) is currently being implemented in more and more countries, often in national single window projects. GEFEG has contributed to the development of the WCO Data Model since the early years of the G7 initiative.

The benefits of rationalization, quality and faster implementation through GEFEG solutions in the area of document modeling, XML and EDI are considerable and are based on innovative concepts. Not only customs organizations such as the World Customs Organization and customs administrations in Germany, Thailand, the Netherlands and New Zealand, but also organizations (e.g. SWIFT, GS1, CITES, FIATA, IATA, UNECE), service providers (e.g. Blue Jay Solutions, SAP GTS, Seeburger) and hundreds of business enterprises (e.g. DAKOSY, DHL, HP, Volkswagen) use our solutions for planning and managing their metadata.

GEFEG products and services supporting the customs sector

- Streamline data modeling and customization
- Rationalization of interface development and management

in favor

... WCO Data Model and single window initiatives

... G2G projects such as Customs2Customs

... B2G projects such as Trader2Customs

... Your project?

For questions about products and services for the customs sector, please send an e-mail to info@gefeg.com with the subject Info.WCO.DataModel.

Distribution agreement WCO - GEFEG for the WCO Data Model

The World Customs Organization and GEFEG have recently concluded an agreement whereby GEFEG will deliver the WCO Data Model with GEFEG.FX software.

The World Customs Organization (WCO) has set itself the goal of improving the effectiveness and efficiency of customs member organizations around the globe. With the development of the WCO Data Model, WCO aims to simplify the data flow and integration of business data for customs procedures. The World Customs Organization and the eBusiness metadata solution provider GEFEG have now agreed to offer the WCO Data Model for the first time in a form that supports the practical application of the data model by users more strongly.

GEFEG is pleased to announce the distribution of the WCO Data Model with GEFEG.FX, the leading metadata development software. The delivery of the WCO Data Model in a structured, reusable format together with the innovative and efficient GEFEG.FX offers customs administrations, government organizations, traders and other parties involved in cross-border processes groundbreaking new opportunities for joint development work and user-specific use of the WCO Data Model.

The two new GEFEG WCO Data Model products are:

- GEFEG.FX with WCO Data Model Study Package
Further product information (in English)
- GEFEG.FX with WCO Data Model Customization Package
Further product information (in English)

Read the full text of the WCO and GEFEG joint announcement WCO and GEFEG sign WCO Data Model Distribution Agreement Announcement.

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GEFEG WCO Data Model Solutions

"On the right track for increased trade facilitation and improved cooperation in customs and other cross-border procedures".

Efficient implementation, reuse and compliant specification generation of the WCO Data Model

Would you like to be involved in the development, management and maintenance of data formats in the cross-border sector?

- Work faster and more efficiently
- Ensure interoperability
- Increase quality and flexibility

while ensuring compliance and conformity with the WCO Data Model?

In agreement with the World Customs Organization, GEFEG distributes the WCO Data Model in conjunction with the software GEFEG.FX. This combination allows users to simplify and streamline the reuse of the WCO Data Model in the context of the user. The WCO Data Model is mapped in a specification tailored to the special requirements of the user and at the same time conforming to the standard. The XML schema files can be easily be derived from this specification.

Benefit

Compliance, interoperability and rational development of messages for cross-border processes"

Productivity gains through interoperable specifications of the WCO Data Model

GEFEG.FX with WCO Data Model creates substantial advantages:

- Support and improve cooperation between customs administrations, government agencies and traders in the development and implementation phases of cross-border regulatory projects.

- Customized, compliant version of the WCO Data Model is developed and then implemented, managed and redundancy minimized in various data exchange formats.
- Customized version of the WCO Data Model is generated as human-readable documentation at the push of a button, including multilingual support
- Reusable content reduces development time and increases the quality and consistency of messages in the cross-border area
- Update and migration effort is minimized
- Overview and support of data and projects is improved
- Maximum interoperability with the WCO Data Model is achieved through innovative concepts of GEFEG.FX

GEFEG.FX with WCO Data Model Customization Package

"Efficient implementation of the WCO Data Model through reuse and adaptation".

For the specification and documentation of interoperable, compliant messages based on the WCO Data Model, GEFEG provides a proven and tested software: GEFEG.FX with WCO Data Model Customization Package. The product is a special version of the software GEFEG.FX, which is tailored to the requirements of users who will use the WCO Data Model for data exchange in the cross-border sector.

GEFEG.FX with WCO Data Model Customization Package contains the following functions:

- Develop and maintain a version of the WCO Data Model adapted to national or customer-specific requirements - in conformity with the WCO Data Model.
- Create human-readable documentation of the customized version of the WCO Data Model including multilingual capability
- Compare customer specifications and report differences in specifications
- Automatic generation of WCO XML-compliant profile schema of WCO Data Model Customer adaptations
- Mapping between WCO Data Model, customizations, XML Schemas, EDIFACT Message Implementation Guides and custom applications
- Innovative, unique guideline concept ensures IPR protection and supports migration to new versions while maintaining compliance with the WCO Data Model
- User support for GEFEG.FX with WCO Data Model Customization Package

GEFEG.FX with WCO Data Model Study Package

"Understand the WCO Data Model better - get an overview, study details, reference".

Many users are interested in getting an initial overview of the WCO Data Model and its individual components and then to study or search for details. Fast and uncomplicated updates of the WCO Data Model are also desired.

GEFEG.FX with WCO Data Model Study Package is the right product for these users. The product enables a faster and easier understanding of WCO Data Model components by facilitating and accelerating the identification of data elements and hierarchies for the development and maintenance of WCO Data Model-compliant implementations. The product is a customized version for study and reference purposes based on the GEFEG.FX software.

GEFEG.FX with WCO Data Model Study Package contains the following functions:

- Browse and search UML classes and schemas of the WCO Data Model in a simple, navigable tree structure
- Study the structure and the relationship of the data structures and view them as a graphical representation, i.e. as a UML class diagram
- View EDIFACT Message Implementation Guides (MIGs), implementation notes and descriptions as provided by the WCO, including EDIFACT GOVCBR mappings, if available
- Fast installation of the software via the Internet, Internet-based updates and notification service
- Support Service for GEFEG.FX with WCO Data Model Study Package