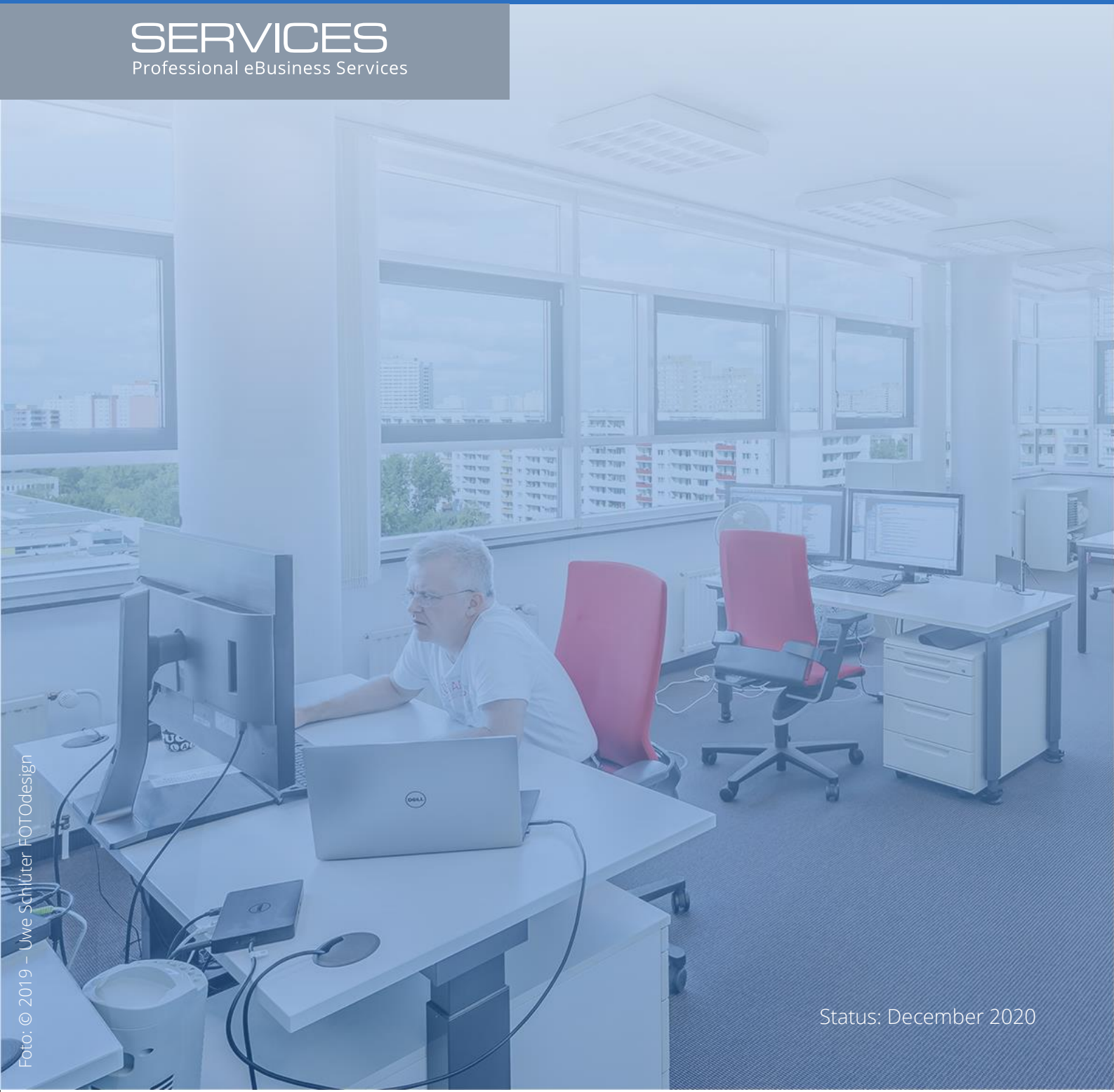


Training Course

WCO Data Model with GEFEG.FX

SERVICES
Professional eBusiness Services



WCO Data Model with GEFEG.FX

Planning and reusing the World Customs Organisation (WCO) Data Model for regional, national or user specific implementation with GEFEG.FX.

The WCO Data Model is the global language of Customs. It creates interoperability through collaboration as the common reference standard and data dictionary. The WCO Data Model is developed and harmonized with the support of the WCO members and participating international bodies in accordance with UML modeling techniques. The WCO Data Model is an established international standard for the development of electronic messages enabling sharing of information and documentation from economic operators to cross-border regulatory agencies and for sharing data between agencies. In addition to covering regulatory requirements for Customs, the WCO Data Model supports the requirements of cross-border agencies for statistics, food safety, agriculture, marine safety, environment, etc.

The training will provide detailed information about the WCO Data Model and how to use the GEFEG.FX design tool to develop, publish and maintain national or user specific customisations of the WCO Data Model effectively and efficiently. With the help of a specialised GEFEG.FX methodology, you will have the opportunity of practical exercises to derive different subsets from any given base objects of the WCO Data Model and to customize them according to your national, regional or sectoral requirements.

Content

- Browse and search in simple navigable tree structures of the WCO Data Model
- View the overall structure and relationships of its data structures and view graphical representations, i.e. UML class diagrams
- Introduction to the UN/EDIFACT message implementation guides (MIGs), implementation notes and descriptions provided by the WCO including the UN/EDIFACT GOVCBR message mappings , where applicable
- How to develop and maintain national or user specific customisations of the WCO Data Model
- Explanation of automatic compliance to the WCO Data Model
- Support of additional requirements in regard to the use of the WCO Data Model
- Automated generation of WCO XML compliant profile schemas from the WCO Data Model

- An update mechanism to protect your customization work if a new version of the WCO Data Model is released and adopted
- Mappings between the WCO Data Model, its customisations, XML schemas, UN/EDIFACT GOVCBR message implementation guides and administration or company specific applications
- Production of human-readable documentation of customisations with multilingual support
- Integration of the WCO Data Model and its customisation into an existing metadata architecture e.g. mapping to in-house systems

Course objectives

Enable participants to know how to use GEFEG.FX to reuse and implement the WCO Data Model according to their requirements, how to validate WCO XML compliant messages and how to generate documentation. Furthermore, the participants will learn how to compare and report on differences between WCO Data Model versions and customisations.

Target audiences

Users who plan on developing compliant implementations of the WCO Data Model with GEFEG.FX. Users who desire to customize the predefined WCO Data Model standard for their individual environment.

Prerequisites

Knowledge of UML Data Modeling and/or cross-border regulatory requirements.

Duration / Timetable for training

2 days / 1. day: 9:00 - 16:00 / 2. day: 9:00 - 16:00

Note

On request, we can also provide on-site training at your administration/company. We also organize workshops tailored to your administration/company with the aim of conveying the topics in an application-oriented manner.

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