

Industries

Automotive Industry



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GEFEG solutions for the automotive industry and its suppliers

GEFEG develops solutions for the planning and rationalisation of the electronic handling of business processes. The resulting data and solution offerings from GEFEG support almost all market participants in eBusiness processes through software, consulting and training. The Berlin-based company has been active in the "Metadata for Electronic Data Interchange (EDI) and eBusiness" market without interruption since its foundation. The company focuses on international organizations, the cross-border sector, the automotive industry and automotive suppliers, the logistics industry, the electrical industry, the consumer goods industry, the financial sector, the energy sector, the public sector and the IT sector.

Rationalization software for the design-time of eBusiness projects

The desktop software GEFEG.FX streamlines the development and maintenance of eBusiness standards, data models and customer-specific data formats. The use of GEFEG.FX reduces workload and data redundancy and increases the quality and reusability of data in different data exchange formats and standards. Our customers develop, harmonize, specify, maintain, document and test standards and specifications for electronic documents with GEFEG.FX.

Portal solutions for validation, publishing and collaboration

From a validation solution for messages, the GEFEG.portal has evolved into a solution that offers additional functions and benefits. In addition to validation, interfaces can also be published, news about changes or new versions of interfaces can be published, work statuses can be passed on and change requests can be managed and tracked. The portal streamlines and simplifies the implementation phase, rollout and quality assurance of standards. A further advantage: the GEFEG portal offers a central point of contact for decentralised working groups.

eBusiness standards of the automotive industry for electronic data exchange

All important eBusiness standards from the automotive sector are available in GEFEG.FX for planning, design and documentation of data exchange, as well as other worldwide standards such as EDIFACT, GS1 EANCOM®, GS1 XML, OAGIS, RosettaNet, X12, UBL, etc.

GEFEG advises and supports companies in the organization and development of metadata. eCommunities supports GEFEG with methods, know-how and products as a basis for professional metadata development in a team. In addition to the development of classical EDI interfaces, the professional services also include the development of XML schemas and data models in various industries. GEFEG is actively involved in national and international standardization organizations, e.g. the German ZUGFeRD Initiative. Further standardization organizations, such as DIN, JAIF, Odette, UN/CEFACT and VDA, belong to GEFEG's regular customer base and use the GEFEG.FX software. GEFEG has been contributing to the standard development of the automotive industry for more than fifteen years.

Services

- Training and workshops, e.g. documentation of the EDI interface(s), planning and applying data models for data exchange, XML schema development), data organization and cooperation
- Consulting in connection with standards for the development of individual standard-compliant interfaces
- Development, adaptation and maintenance of standards and interfaces for the electronic handling of business processes in all areas of business and administration.
- Recording and documentation of individual flat-file formats and other interfaces
- Data modeling on the basis of UML, UMM, CCTS
- Mapping of the data model into different data formats
- Acquisition of source and target formats and their mappings
- Development of documentation templates
- Code List Management
- Integration of checks (business logic) with specific error messages for message validation in GEFEG.FX or in the GEFEG.portal
- Planning and preparation of collaborative development work
- Support in configuring infrastructure and organizing repositories

eBusiness Standards of the Automotive Industry

- VDA Recommendations

- VDA Settlement Procedure
- VDA New Logistics Messages
- VDA Standardized Transport Notification
- VDA Container Management
- VDA Aftermarket
- VDA Finished vehicles
- VDA flat file
- Odette recommendations
- Anfavea RND
- auto-gration
- JAI Global Messages

Projects

- Tyre industry: data modelling, schema development, mapping
- VDA QMC: QDX support

References

- VW Validation Portal
- VDA Validation Portal
- DIN-ZUGFeRD validation portal
- Collaboration in the development of VDA recommendations for more than 10 years
- Standards maintained or developed with GEFEG.FX: Edi@Energy, GS1 EANCOM®, Philips COPS, VDA Recommendations, WCO Data Model, UN/EDIFACT (Production Test)

GEFEG mbH

Storkower Strasse 207
10369 Berlin
Germany

Phone number: +49 - 30 - 979914-0
Fax number: +49 - 30 - 979914-22

General inquiries: info@gefeg.com
Technical inquiries: support@gefeg.com