

Position Paper

Common recommendation for action



Motivation of common recommendation

JEITA is the Japan Electronics and Information Technology Industries Association and amongst others owner of the registered trademark ECALS, a dictionary which describes the electronic catalog information within ecommerce what can be processed via computer and between companies.

eCl@ss e.V. is the industry association providing the classification and description system eCl@ss. eCl@ss is a system for grouping and specifying materials, products and services according to a logical business driven structure using norm-conforming properties, and that it is managed by eCl@ss e.V., a non-profit organization, supported by members from companies, associations and institutions. eCl@ss system addresses already domains such as electrical engineering / automatization, medical, office supplies, tools and machinery, safety and packaging products and materials. It is used by purchasing, distribution, catalogs, controlling and spend management, master data management, maintenance and engineering industry functions.

JEITA and eCl@ss acknowledge that the electronic exchange of product description data is gaining increasing importance at all levels of the value chain, along the supply chain as well as throughout entire part histories.

Furthermore, they agree that efficient international trade must be urgently supported by classification and standardization of product descriptions and related contribution to the overall development of the electronics and information technology (IT) industries.

Therefore, JEITA and eCl@ss have established a cooperation to join forces. This position paper is supposed to give an overview of the common success expectations of this partnership and provide guidance for action.

Common objectives and next steps

JEITA and eCl@ss are having a common agreement about the necessity of international collaboration by specification and use of related product describing standards - based on ISO 13584 (Parts Library, so called Plib) and IEC 61630-Part 4. Especially with respect to Industry 4.0 and IoT standards are of particular importance.

The respective activities and aims of JEITA and eCl@ss are complementary. The common objective is to support the sustainable and comprehensive establishment of the electronic exchange of product data especially in the electronic industry and trade.

JEITA and eCl@ss are in constant exchange of knowledge. Focus is the fulfillment of the IOTS controlled application for the encounter of digital transformation.

The eCl@ss Office shows a proof of concept for an automatic and system based mapping for significant examples at the eCl@ss platform CDP.

Advantages of joint activities

The international collaboration of JEITA and eCl@ss offers numerous benefits for both parties and the whole industry:

1. JEITA can benefit from the broader setup of eCl@ss with respect to industries and the European market
2. eCl@ss can access the Japanese market by utilizing the JEITA network
3. Both parties can profit from their respective mappings to IEC as a link between ECALS and eCl@ss, which benefits the entire industry
4. By sharing I4.0 and IOTS know-how, JEITA and eCl@ss are able to develop a broader knowledge base and thereby, the entire industry can benefit from respective developments and initiatives

Conclusion

JEITA and eCl@ss are acknowledging the increasing importance of electronic exchange of product description data. Their standards and complementary activities are the basis for supporting the sustainable and comprehensive establishment of the electronic exchange of product data. JEITA and eCl@ss are able to provide added value for the whole industry. Therefore, all companies should extend their activities regarding JEITA and eCl@ss in order to benefit from their joint activities.

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