

Platform Industrie 4.0 as a driving force for the Standardization Council

The “Standardization Council Industrie 4.0“ has emerged from the platform “Industrie 4.0” (www.plattform-i40.de). This platform is a coordinated network to create the digital transformation within the production and for this, among other things, it works out recommendations for action for policies and enterprises, including the development and anchoring of standards to unify them nationally as well as internationally.

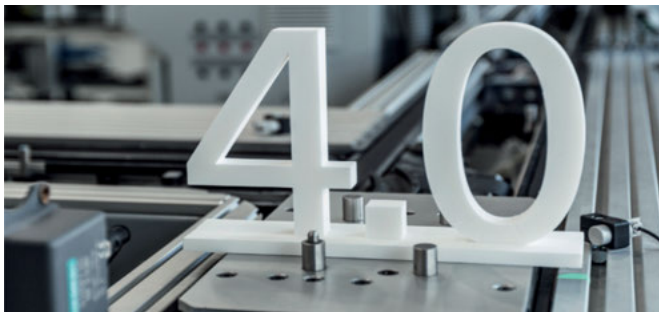


Further information and publications:

- ZVEI explains RAMI 4.0
- Bitkom – Recommendations for standardization regarding Industrie 4.0
- Memorandum of platform Industrie 4.0
- Roadmap Industrie 4.0
- DIN publishes DIN SPEC for RAMI4.0

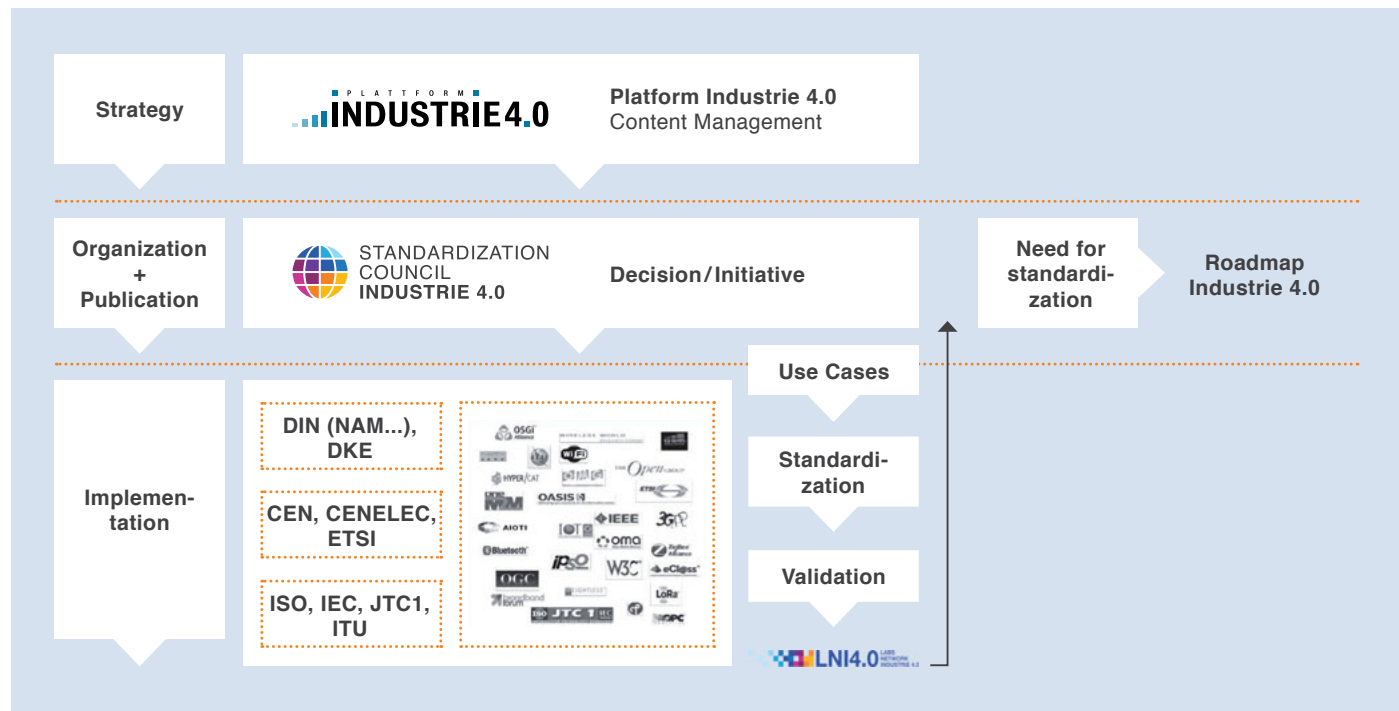
German Industry starts standardization initiative for Industrie 4.0





German industrial associations and standards organizations establish “Standardization Council Industrie 4.0” right on time for the Hanover Fair. The aim of this initiative is to initiate standards of digital products and to coordinate those standards nationally as well as internationally. This initiative accelerates standardization processes and with this, also strengthens the international competitiveness of Germany as an industrial location.

Berlin, 20 April 2016. Just in time for the Hanover Fair 2016, German industrial associations and standards organizations set up the “Standardization Council Industrie 4.0”. Next to the coordination of standards, the “Standardization Council Industrie 4.0” represents the interests towards international consortia and organizes and creates the German standardization roadmap Industrie 4.0. Furthermore, it defines the demands for new projects and organizes their international implementation. The Council’s founding is welcomed across all sectors, as the internet of things requires rules and structures which overcome still existing sector boundaries between electrical engineering, mechanical engineering and IT. This is just where the new standardization initiative starts promoting a consistent standardization. Considering this proactive and practice-oriented perspective, the “Standardization Council Industrie 4.0” is unique as an institution. Initiating founding members of the “Standardization Council Industrie 4.0” are the German Association for Information Technology, Telecommunications and New Media (Bitkom), German Institute for Standardization (DIN), German Commission for Electrical, Electronic & Information Technologies (DKE), German Engineering Federation (VDMA) and Central Association of the Electrical Engineering and Electronics Industry (ZVEI).



Platform Industrie 4.0, Labs Network Industrie 4.0 and Standardization Council operate jointly

To rapidly implement solutions of Industrie 4.0 into practice, standards are indispensable. Central foundation for an internationally consistent and open standardization is the “reference architecture model Industrie 4.0 – RAMI 4.0”, which was worked out within the Platform Industrie 4.0 by the working group “reference architectures, standards and norms” and is internationally of great interest. The working group will also continue to be involved in the Council’s work. The now founded “Standardization Council Industrie 4.0” furthermore supports the practical testing in testing centers. Supplemented by a close cooperation with the association “Labs Network Industrie 4.0” (www.lni40.de), which was newly founded by the actors of the Platform Industrie 4.0, new solutions of Industrie 4.0 and the standards used in it can be tested. The results, in turn, will be nationally and internationally directly integrated by the Council into the further development of standards. The entire process will be designed in a way that a close integration of medium-sized enterprises into the standardization work is supported.

This so-far unique approach contributes to the strengthening of the competitiveness of German enterprises in the field of Industrie 4.0 and has the potential to serve as a blueprint for other technological areas across all sectors.

Contact

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