

## Press release

Berlin, 2011-12-21

### VDI 3805 "Product data exchange in building services" soon to become an International Standard

VDI 3805 is being developed into an International Standard upon the initiative of German specialists. Through their successful cooperation, the VdZ and DIN have been able to increase international awareness of the need for such a standard.

The new standard currently under development – ISO 16757 "*Product data for building services plant models*" – will have the same structure as the well-known VDI 3805 series of guidelines. One of the advantages of internationalization in the building services sector is the cost-efficient implementation of transnational projects. Soon a standard data exchange will be possible among planners, builders and operators working across borders for all stages of the project; in this way, isolated solutions will be avoided.

The ISO Standard will specify an open data format that will allow the use of uniform data in diverse computer applications such as

- calculation software (e.g. for pipeline networks, energy savings),
- design software (e.g. for valves or sound absorbers),
- construction software (e.g. CAD),
- management software (e.g. procurement, facility management).

Product manufacturers will then be able to manage their databases centrally.

To meet international needs, ISO 16757 will incorporate elements from the standards developed by the buildingSMART alliance (IFC<sup>1</sup> / IDM<sup>2</sup> / IFD<sup>3</sup>). In addition, the future ISO standard will leave ample room for design freedom, allowing for new developments in building services.

Work on ISO 16757 is being carried out by the international Working Group "Product data for building services systems model", headed by Dr. Wolfgang Wilkes (semaino Technologies GmbH), with DIN holding the Secretariat. The first official ISO draft standard is expected towards the end of March 2012.

<sup>1</sup> Industry Foundation Class (IFC)

<sup>2</sup> Information Delivery Manual (IDM)

<sup>3</sup> International Framework for Dictionaries (IFD)

The [Heating and Ventilation Technology Standards Committee \(NHRS\)](#) at DIN has established the German mirror committee in order to monitor and possibly influence the work on ISO level. This Committee, which represents diverse German stakeholders, first convened in September 2011; its Convenor is Dr. Manfred Pikart (Tacos GmbH).

For further information on the project go to <http://www.vdi3805.eu>. Queries regarding participation in the standardization work should be addressed to the project manager in DIN at [maximilian.mueller@din.de](mailto:maximilian.mueller@din.de).

Please feel free to contact me for further details.

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Best regards,

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