



Managing Board

Chairman:

Dr. Frank Portheine, SurgiTAIX AG, Herzogenrath

Vice Chairman:

Prof. Thomas Neumuth, ICCAS, University of Leipzig

Treasurer:

Prof. Martin Leucker, ISP, University of Lübeck

Board of Industry:

Marc Stanesby, steute Schaltgeräte GmbH & Co. KG, Löhne

Board of Clinic:

PD Dr. Michael Czaplik, Anaesthesiology Clinic, University Clinic RWTH Aachen

Board of Standardization:

Dr. Stefan Schlichting, Drägerwerk AG & Co. KGaA, Lübeck

Board of Risk Management and Approval strategies:

Dr. Armin Janß, CeMPEG e.V., Aachen

Services

- Connector services: adjustment of the interface according to the IEEE 11073 SDC standard
- Connector software development kit (SDK)
- Consulting service IEEE 11073 SDC standards: data model and protocol
- Consulting service: approval, risk management and testing of open networked medical device and IT systems
- Consulting service regarding usable and safe human-machine-interaction in the open networked operation room
- User interface development for consistent and standardized user interfaces
- Training and seminars regarding topics like standardization, risk management, implementation and approval process
- Hands-on workshops
- Approval of separate system components in the open network for safe and dynamic integration in the operating room

OR.NET_{e.V.}

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Safe and dynamic interconnection in
operating room and clinic – the association



Profile

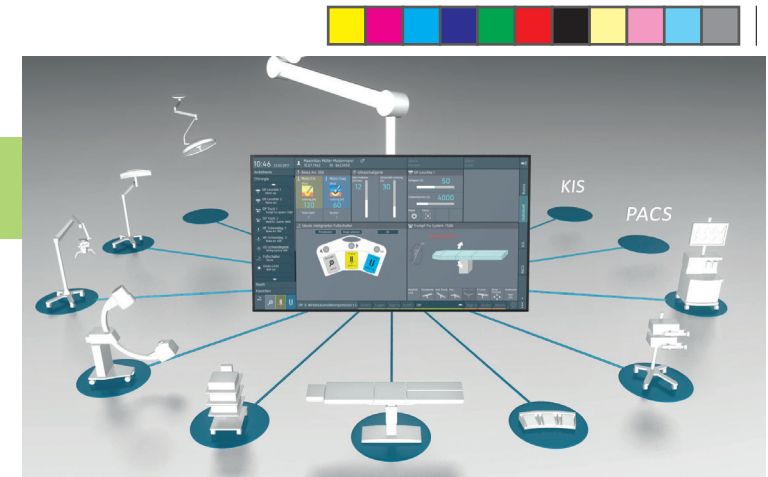
The objective of the non-profit association OR.NET e.V. is, based on the results of the BMBF project OR.NET (2012-2016) in the pre-competitive field of medical and technical research and development concepts for the safe and open networking of components in the operating room and clinic, to evaluate and to transform them into standardization activities as well as test and training laboratories and centres.

The concepts should then be transferred into further education and training services as well as services in relation to test procedures and approval in order to secure and restore sustainability. The automatic and dynamic interconnections of computer-assisted medical devices in the operating room and the interaction of these devices with approved medical software are special challenges to the information- and communication technologies in the medical use context.

OR.NET e.V. working groups

Operational basis are working groups, which cover different topics in accordance with the objectives of the association, e.g.:

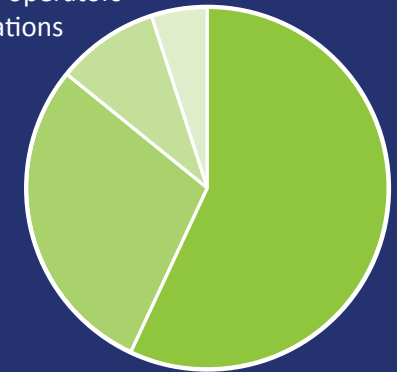
- Industry
- Clinical users and operators
- Standardization and internationalization
- Human-machine-interaction and risk management
- Approval strategies
- Software stacks (library)
- Test laboratories, simulators and data security
- Education and training
- Coordination of OR.NET test centres and demonstrator locations



Membership

OR.NET consists of companies, associations, clinical operators and research institutions.

- 57% - Industry
- 29% - Research institutions
- 9% - Clinical operators
- 5% - Associations



You can find further information regarding the association activities, services and membership on our homepage: <http://www.ornet.org> or send us an e-mail to info@ornet.org.

