somno.netz creates a novel IT research infrastructure to allow safe and simple exchange of data across organisations by researchers in clinical (patient-oriented) research. Secure data transfer and intuitive, fine-grained access control management catering for heterogenous security concepts of individual research facilities are central aspects. The goal is to create a generic infrastructure, that can be configured for many applications from patient-oriented clinical research. The IT infrastructure includes federated data repositories across several locations, secure data transfer, role-based access control as well as a web-based portal to access information.

**Project duration:**
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**Project manager:**
Dr. Marian Harbach

**Project research areas:**
Distributed Services  
Privacy & Security

**Project type:**
E-Science

**URL:**
http://www.somnonetz.de/

**Research Area:**
E-Science

**Status of the Project:**