



Our mission





■ Promote exchange between academia and the industrial partners.

- Offer free of charge infrastructure to researchers.
- Enable research in the latest areas in IT systems.



Lab projects





- We are looking for research projects.
- We are currently supporting **30 projects**.
- Research topics are not restricted to specific domains or topics.
- Example projects:
 - "Knowledge discovery with big data from critical care"



"Next Generation Operational Business Intelligence using the example of the fresh food retail"



Lab projects

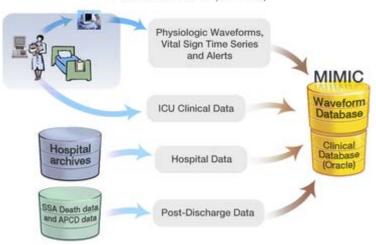


Future **SOC Lab**

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Multi-parameter Intelligent Monitoring in Intensive Care (MIMIC)



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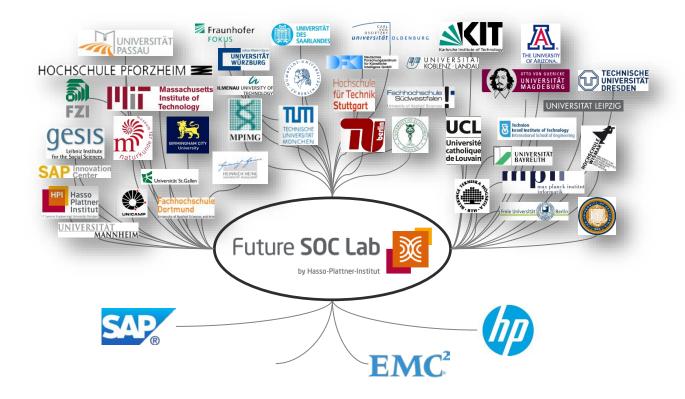
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About us







Equipment highlights





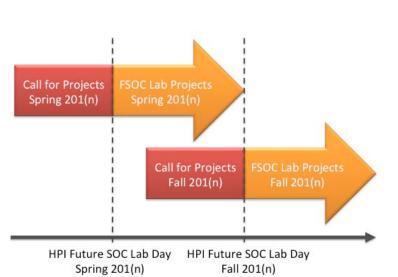
- 1000 Core Cluster (25 nodes) with a total of 25 TB RAM and 75 TB SSD.
- Multi-Core servers with up to 2 TB RAM and 64 Cores.
- In-Memory Computing SAP HANA.
- Hewlett-Packard Converged Cloud.
- Coprocessors NVIDIA Tesla K20X and Intel Xeon Phi.



How to apply







- Hand in a project proposal.
- Our Steering Committee reviews the project proposals twice a year.
- The **Steering Committee** comprises representatives from the industrial partners and HPI.
- All team members of the approved project gain access to the lab's resources for ~6 months.

Upcoming Events



■ October 15th: Deadline - FSOC Lab "Call for Projects" Fall (2007) Pac Lab

■ October 28th: 2nd HPI Cloud Symposium "Operating The Cloud"

■ October 29th: 10th HPI Future SOC Lab Day





For more information:

http://www.hpi.de/future-soc-lab