

intergator case study - Zittau/Görlitz University of Applied Sciences

The Zittau/ Görlitz University of Applied Sciences has about 3.000 students, 116 professors and over 140 research staff. It is located at the border triangle between Germany, the Czech Republic and Poland. The research institutes of the Zittau/ Görlitz University of Applied Sciences have developed an excellent reputation among partners from science, society and business in selected research areas. This is the result of interdisciplinary work by professors and employees, as well as long-standing and close cooperation relationships with partners and companies. The Department of High Voltage Engineering/Materials of Electrical Engineering (ET)/ Theoretical EE has been devoted to research for more than three decades, leading to a considerable volume of documents by internal and external authors.

Scientific research is partly based on the findings of past research which have been documented and stored in various data sources. Accordingly, the retrieval of specific content presents a significant challenge. It is precisely this challenge that the specialist field has set itself to overcome by introducing an efficient, system-wide search. In addition to the need for a powerful search it was important to provide for data protection regulations on the basis of a simple system administration.

interface projects GmbH won the tender for the search project. interface: projects has specialized in the realization of information systems and Knowledge Management solutions and has extensive experience working with research institutes as well as applied sciences universities. With its own product intergator a system-wide search can be implemented, which allows for simultaneous access to various data sources, as for example the FileSystem of the HSZG. The great advantage in this: a long and time-consuming search in different sources is no longer necessary and the search is performed conveniently in one central search interface. intergator operates in accordance with the Federal Data Protection Act and operates purely internally within the institutes, ensuring that knowledge does not leak to the outside.

intergator does not replace the structured filing of results of scientific work. However, search times are significantly reduced. Through the use of intergator's system-wide search the research work is substantially facilitated and staff resources can be focused on the research itself.

Zittau/Görlitz University of Applied Sciences



**Hochschule
Zittau/Görlitz**
UNIVERSITY OF APPLIED SCIENCES

Faculty of Electrical Engineering and
Computer Science

Specialty area High Voltage
Engineering / Materials of EE /
Theoretical EE

Hochwaldstr.2a

02763 Zittau/ Germany

Telephone: +49 3583 612 4365

E-Mail: s.kornhuber@hszg.de

Challenge

- Often arbitrarily filed documentation of findings of scientific research
- Difficulty in retrieving research results
- Areas of tension: Changes in information technology and the resulting flood of knowledge

intergator solution

- *Operators* for limiting the search process
- *Facets* for limiting delivered search results on the basis of various parameters
- *Navigator* for intuitive movement within search results
- *Preview function* for fast and comfortable viewing of search hits
- *Tagging* for the re-finding of explicit documents

Customer opinion

"Scientific work also builds on the basis of existing results and information. Thanks to intergator I am able find these quickly and reliably. "

Prof. Dr. techn. Stefan Kornhuber, MBA |
Faculty of EE and Computer Science