

# **Groupware Based Workplace Portal G8**

Concept and prototypical implementation of a workplace portal to support  
organisational knowledge management

by

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## **Abstract**

In most organizations, there is a host of different information systems with specific performance characteristics, user interfaces and functionality. In theory, networking of computers makes it possible to research the entire company's information from any workplace within the organization. From experience it can be said, that these new media and technological possibilities are the cause of a new form of problems that can be summarized under the concept of information overload.

In the mid 90s, numerous internet portals appeared on the World Wide Web that aimed at facilitating navigation and research for users. The basic idea of this work is to enhance existing portal concepts in a way that those portals can also be used in intra-organizational networks. It is the goal of this work to develop an architectural proposition and a respective prototype of a sophisticated intranet portal solution with the focus on collaborative functional components. Thereby, the generic concept of the Content-Adapter is developed, which allows a very simple and fast integration of existing information systems into the portal. To validate the results, the G8 portal was multiply used and tested in real live situations in cooperation with business partners.