

# The Current State of ERP Systems in Banking Sector

Konstantinos Metaxiotis  
Decision Support Systems Laboratory,  
Department of Informatics, University of Piraeus,  
Piraeus, Greece  
[kmetax@unipi.gr](mailto:kmetax@unipi.gr)

Konstantinos Liagkouras  
Decision Support Systems Laboratory,  
Department of Informatics, University of Piraeus,  
Piraeus, Greece  
[kliagk@unipi.gr](mailto:kliagk@unipi.gr)

*Abstract*—Enterprise resource planning (ERP) systems integrate the organizations business functions allowing efficient information sharing across all business divisions. Through the information sharing is achieved not only better coordination but also faster and more efficient adjustment to the potential risks and business opportunities alike. This paper examines the particularities of ERP systems implementation and operation for the banking sector by considering a wide range of sources such as journal and conference papers, empirical studies and reports. Finally, through the thorough examination of the available literature, we draw conclusions about the effect by the implementation of ERP systems in the banking sector.

*Index Terms*: Information systems; ERP systems; banking sector.

IRJECE