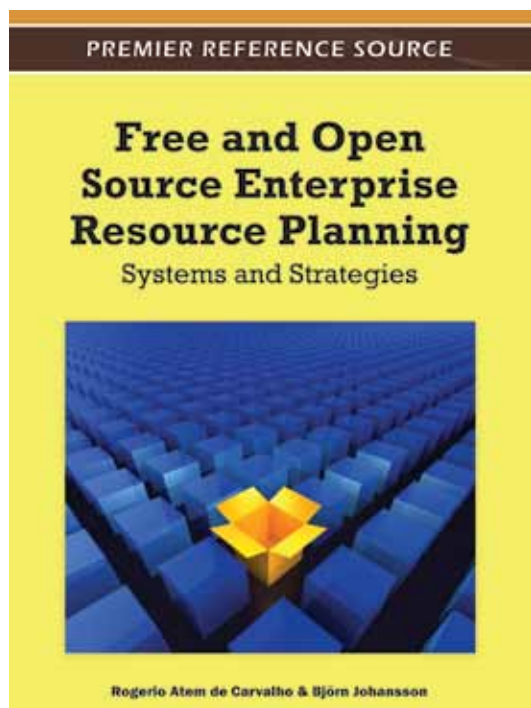


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Free and Open Source Enterprise Resource Planning: Systems and Strategies



Rogério Atem de Carvalho (Instituto Federal Fluminense, Brazil)
and Björn Johansson (Lund University, Sweden)

Free/Open Source Enterprise Resource Planning systems (FOS-ERP) are gaining popularity and acceptance due to two main factors: their lack of licensing fees and customizability. Given this, organizations are able to easily adopt and manipulate these systems to meet their individual needs.

Free and Open Source Enterprise Resource Planning: Systems and Strategies unites research on FOS-ERP, comparing differences with proprietary Enterprise Resource Planning products, and demonstrating key research factors. It includes cases demonstrating how small enterprises have benefited from FOS-ERP in Spain and in Belgium, along with difficulties encountered and solutions developed. This essential reference addresses key issues such as security and legal risks, as well as challenges, opportunities, and barriers to adoption.

Topics Covered:

- Barriers to the Adoption of Open Source ERP
- Belgian SMEs and Open Source ERP
- Business Modeling and ERP
- FOS-ERP in Brazil
- Legal Issues with FOS-ERP
- Open Source as a Strategic Asset
- Open Source ERP vs. Proprietary ERP
- Risks and Opportunities in FOS-ERP Systems
- Security Management for Open Source ERP
- Tailoring FOS-ERP Packages

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Rogério Atem de Carvalho a B.Sc. in Computer Science, M.Sc., and D.Sc. in Industrial Engineering. He is a teacher and researcher at the Instituto Federal Fluminense (Federal Fluminense Institute) - IFF, Campos, Brazil, where he coordinates Nucleo de Pesquisa em Sistemas de Informação (NSI - Information Systems Research Group), which has been producing innovative software in partnership with government and private sectors since 2002. He is also a teacher and researcher with the Production Engineering Graduation programs at Universidade Federal Fluminense and Universidade Estadual Fluminense. His research on FOS-ERP was awarded by IFIP in 2006 and jointly by IFIP and IEEE in 2007. He is a consultant for government and private sectors; He is the author of many book chapters and research papers on ERP, ECM, Software Engineering, Project Management, and Decision Support Systems.

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