

Managing Medium-Sized and Large Companies Using Open-Source Software for the Information Ecosystem

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The thesis explores the use of open-source software in managing the information ecosystem of medium-sized and large companies. It focuses on the potential of such solutions to provide greater flexibility, cost control, interoperability, and independence from individual vendors, as well as on challenges related to security, maintenance, professional capacities, and organisational change. The research combines theoretical analysis with consideration of practical aspects of implementation and risk management. As a practical contribution, the thesis develops a model for the selection and integration of open-source solutions in a corporate environment. The conclusions emphasise the need to introduce technology as part of a broader IT strategy, with clear processes for support, security, and continuous improvement.

Keywords: Open-source software · Information ecosystem · IT management