

# An Advanced Active Data Dictionary Based Framework for Flexible Corporate Systems<sup>1</sup>

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**Abstract.** Today management activities pose new challenges for corporate information systems. The rate of changing and dynamics is increasing in the course of time as well as complexity of tasks to be solved that requires adequate reactions from agent of management. In such conditions information systems have to have a set of characteristics such as versatility, flexibility, and scalability to effectively address the goals. The paper presents our ongoing work at a generic framework for developing flexible enterprise information systems based on the concept of the Advanced Active Data Dictionary (AADD). The framework allows construction of flexible enterprise applications for efficient solutions in various domains and broad range of management activities.

**Keywords.** Corporate system, active data dictionary, software architecture, application development, framework.

**Key Terms.** SoftwareEngineeringProcess,  
ModelBasedSoftwareDevelopmentMethodology, Development, Management.

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