

Editorial

Enterprise digital transformation increasingly demands not only backend modernization but also a fundamental rethinking of how users interact with complex systems. As organizations transition from legacy enterprise resource planning platforms to intelligent, cloud-ready environments, user experience, productivity, and architectural alignment become decisive factors. The paper discussed in this editorial addresses these challenges through an in-depth examination of SAP Fiori adoption within S/4HANA transformation initiatives, positioning interface modernization as a strategic component of enterprise change rather than a cosmetic upgrade.

The study critically evaluates the limitations of the traditional SAP GUI, highlighting its dependence on transaction codes, complex navigation structures, and tight coupling with on-premise systems. In contrast, SAP Fiori is presented as a role-based, device-independent, and cloud-ready user experience framework designed to simplify business processes and improve usability. By analyzing the evolution and design principles of Fiori, the paper demonstrates how task-focused applications can reduce cognitive load and align system interaction with actual business roles. Beyond conceptual discussion, the research investigates practical challenges that organizations face during Fiori adoption, including skill shortages, resistance from long-term SAP GUI users, architectural decision-making, and maintaining clean-core compliance. Drawing on industry reports, comparative analyses, and documented organizational cases, the study provides a balanced view of both the benefits and constraints associated with Fiori-based transformations. Quantitative performance indicators such as reductions in task completion time, error rates, and training effort are examined to assess the tangible impact of Fiori on productivity and system usability [1].

This study underscores that SAP Fiori adoption in S/4HANA transitions represents a strategic enabler of enterprise digital transformation rather than merely an interface enhancement. By integrating technical, strategic, and human-centered perspectives, the research provides a structured framework to guide practitioners and decision-makers through the complexities of modernization. The paper highlights how thoughtful Fiori implementation can enhance productivity, usability, and system sustainability, offering valuable insights for organizations seeking to realize quantifiable benefits from their S/4HANA migration efforts.

References:

- [1] T. Raikar, V. Apelagunta, "Implementing SAP Fiori in S/4HANA Transitions: Key Guidelines, Challenges, Strategic Implications, AI Integration Recommendations," *Journal of Engineering Research and Sciences*, vol. 4, no. 11, pp. 1–9, 2025, doi:10.55708/js0411001.

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