

Migrating from Desktop-Based ERP to Web-Based ERP Systems

WHITE PAPER

Phabrica DevLab

1. Introduction

The development of technology has significantly impacted various aspects of business operations, including the way enterprise resource planning (ERP) systems are designed and accessed. As businesses continue to embrace digital transformation, many are looking to migrate from traditional desktop-based ERP systems to more dynamic and flexible web-based ERP systems. This whitepaper aims to provide an overview of the three-step process involved in migrating from a desktop-based ERP system to a web-based ERP system, including migration, parameterization, and customization. Using an innovative development team and methodology, Phabrica DevLab is making this a reality.

2. Overview of the Migration Process

The migration process involves transferring data, functionalities, and processes from a desktop-based ERP system to a web-based ERP system. This process requires careful planning and execution to ensure a smooth transition with minimal disruption to business operations. The migration process typically involves the following steps:

- **Data migration:** Transfer of existing data from the desktop-based ERP system to the web-based ERP system.
- **Functionality migration:** Replicating the functionality of the desktop-based ERP system in the web-based ERP system.
- **User training:** Training users on how to use the new web-based ERP system effectively.

3. Parameterization of the Web-based ERP System

Parameterization involves configuring the web-based ERP system according to the specific requirements and workflows of the organization. This step ensures that the system aligns with the business processes and objectives, enabling users to maximize its capabilities. During the parameterization process, the following tasks are typically performed:

- **Define user roles and permissions:** Set access levels and permissions for different users based on their roles within the organization.
- **Customize workflows:** Configure workflows and processes within the system to streamline operations and improve efficiency.
- **Define reporting requirements:** Set up custom reports and dashboards to provide real-time insights into business performance.

4. Customization of the Web-based ERP System

Customization involves tailoring the web-based ERP system to meet the unique needs and preferences of the organization. This step may involve integrating third-party applications, developing custom modules, or creating new functionalities to enhance the system's capabilities. The customization process typically includes the following activities:

- **Integration with third-party applications:** Connect the ERP system with other business applications to facilitate data exchange and streamline processes.
- **Development of custom modules:** Build custom modules or plugins to extend the functionality of the ERP system and address specific business requirements.
- **User interface customization:** Modify the user interface to improve usability and enhance the overall user experience.

5. System Development Timeline

The development of the web-based ERP system, including migration, parameterization, and customization, is estimated to take approximately 9 months. This timeline may vary depending on the complexity of the system, the size of the organization, and the availability of resources. To ensure timely delivery, an innovative development team and methodology will be employed, emphasizing collaboration, agility, and continuous improvement.

6. Conclusion

Migrating from a desktop-based ERP system to a web-based ERP system is a transformative process that can significantly improve efficiency, flexibility, and scalability within an organization. By following the three-step process of migration, parameterization, and customization outlined in this whitepaper, businesses can successfully transition to a modern ERP system that meets their evolving needs and supports their long-term growth and success. With a dedicated development team and a structured methodology, the migration process can be executed efficiently and effectively, allowing businesses to reap the benefits of a web-based ERP system in a timely manner. This is what Phabrica DevLab will do for you and your company.

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