End-user developed applications are created using spreadsheets and database software to satisfy a need for functionality that goes beyond ordinary desktop applications but does not merit an Enterprise-wide solution. The prevalence of such applications, the often critical nature of the information they contain, the productivity they support and the lack of formal controls, present the potential for serious financial and reputational loss to your business.

"End-user application development (EUAD) is nothing new, but the risks and opportunities it presents have become much greater in recent years."

Ian Finley, Research VP at Gartner

Taking Control of End User Application Development

Risks involved:

- **Information Risk**: Applications created without supervision or accountability often exist outside any formal Risk Management framework.
- **Legal and Regulatory**: Organizations are often legally required to be in complete control of their information and how it is used, and to be able to demonstrate compliance.
- **Access Control**: Data is often stored locally, representing a single point of failure and a significant leakage channel.
- **Version Control**: End-users can alter functionality that results in unstable or inoperable mission critical applications.
- **Back-up & Recovery**: A failure on the user’s computer can result in a total loss of the application and associated data. This is incongruent with the wider backup and recovery strategies employed by almost all organizations.

Solution: **Minimize Risk, Regain Control**

Serious risks inherent to End-User Developed Applications can be mitigated with a two phased approach as follows:

**Phase 1: Analyze & Replicate**

- Assess the penetration of End-User Developed Applications
- Analyze key functionality, associated data and necessity
- Prioritize based on business needs and risk assessment
- Replicate functionality and data within a centralised, resilient and controlled environment
- Identify opportunities for application improvements

**Phase 2: Consolidate & Extend**

- Knowledge-transfer and development training for appropriate personnel
- Review application list and identify consolidation opportunities
- Extend availability to the enterprise as required

Advantages to Our Solution

Mendix takes a unique approach to taking control of end-user application development. This approach offers a number of advantages over choosing off-the-shelf, packaged solutions.

**Delivery**

Our team of consultants and developers provide a complete solution consisting of all the necessary business analysis, development effort and technical support. We only require that the stakeholders are available as necessary to support the analysis, development and testing phases of the delivery. This approach ensures that the final product matches specifications.

Because our solution is driven by precise stakeholder requirements, there is no scope creep and we will deliver on time and on budget. The transfer of key skills and knowledge to existing personnel during the process ensures that your organization can support itself in the future and retain total control of all end user application development.

**Business Benefits**

**Enable business agility**

When organizations have control over their information systems, they are able to make more informed decisions and implement changes faster.

**Save money on hidden support costs**

Time is easily wasted supporting those who rely on end-user developed applications. Capturing these users’ needs and streamlining resources accordingly offers long term cost savings.

**About Mendix**

Mendix is the app platform company for the enterprise. We enable companies to build, integrate and deploy web and mobile applications faster and with better results, effectively driving ROI in days not months.