PINK

White paper
Extend existing systems

"The Mendix App Platform makes it easy to tie into existing processes and provides multiple, highly efficient integration options."

About Pink Elephant

Pink Elephant is an international knowledge leader in the field of business innovation and business change. With advisory and IT services, Pink Elephant draws the best out of its clients, by translating the knowledge and creativity of the people in these organizations into tangible results.
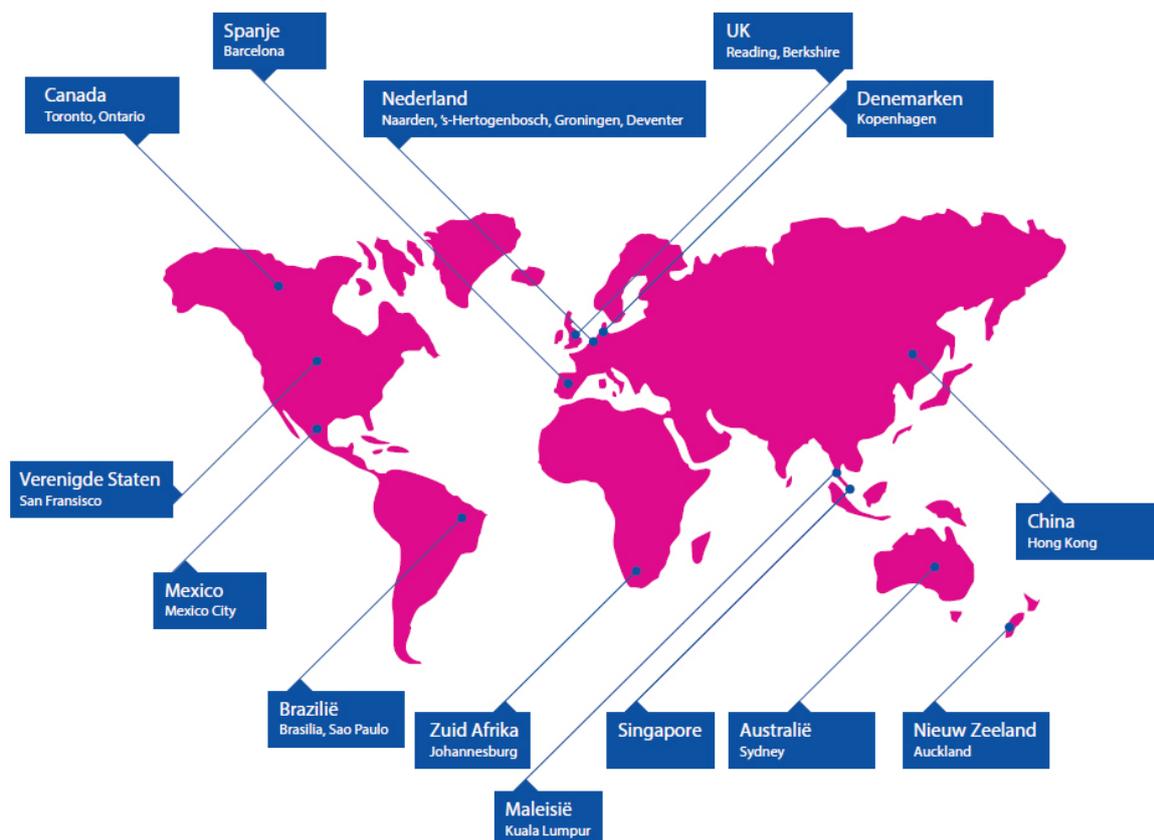
Since its foundation in 1980, Pink Elephant recognizes an important synergy between company objectives and the knowledge and entrepreneurship of people, as well as the way in which IT contributes significantly to making innovation possible and to increasing power of discernment in the market. Pink Elephant operates in more than 20 countries and provides business and management consultancy and other services, such as Enterprise App Services, IT Services, Document Services and Education.

Vision

Business transformation is vital in a time when technological developments happen in quick succession. The knowledge and creativity that already exists within organizations is often utilized insufficiently because both IT and business processes lack agility. Companies must invest in new Agile procedures and knowledge sharing and must also give more attention to the synergy between mankind and IT. Pink Elephant provides the people and the resources that help organizations take the next step in the transformation of their business.

Mission

Pink Elephant is the technology radar that helps organizations, at a strategic level, to achieve their business objectives. The major resources to do this are flexible IT systems and new ways for people to work together. With Pink Elephant as a partner, companies can break away from their traditional systems by using innovative technology, training and consultancy. In this way, they are better prepared for the future through the correct deployment of people and IT.

Integration Capabilities

Mendix is often used to renew value in existing systems by integrating and extending legacy data into new business applications. Integration capabilities range from extending applications with completely new functionality to connecting applications throughout your value chain. Mendix enables seamless integration with any software vendor, increasing flexibility and renewing value in pre-existing technology.
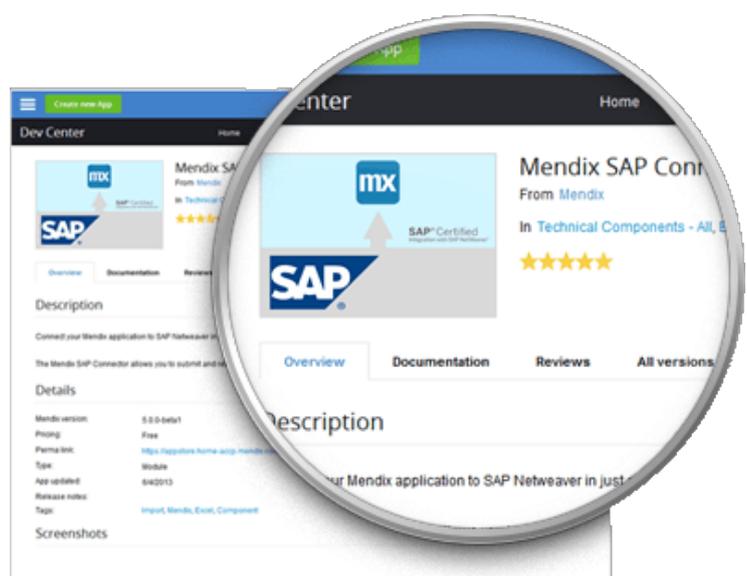
How It Works

The Mendix App Platform is designed to deliver enterprise-class Service-Oriented Business Applications (SOBAs). A multi-tenant security model, internationalization, work flows, business rules, and an advanced approach to extending models with Java code are built in to the visual modeling environment. Applications built using the Mendix App Platform can run as stand-alone apps, or can easily be integrated with your existing application landscape.

Mendix makes calling and exposing web services easy. Each process in Mendix can be exposed as a web service with a single click. This means integration with web services or XML is as easy as defining a visual mapping between XML structure and your domain model, the underlying Mendix data structure. Mendix features open APIs to interact with your application at runtime, enabling integration with any existing system.

Mendix apps are 100% Java based applications, meaning you can use all integration options the Java community has to offer. Additionally, Mendix offers templates to quickly integrate with systems in different ways, including the Web Service DSL.

- Use the complete Java stack to integrate with other systems;
- Use the Web Service XML and mapping DSL to quickly expose or call web services and map the data on your domain model;
- Use templates to quickly import data from:
    - Excel and CSV files
    - Relational databases
    - irectly use BAPI's from SAP

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Extend Flexibly

Mendix takes the best of existing systems and adds custom web applications that enhance user experience and increase business agility. Mendix integrates with existing databases, services, legacy systems and documents.

Proven Integrations

Mendix offers a range of proven integration scenarios with industry-standard applications, including ERP, CRM, middleware, rules management systems and enterprise architecture modeling tools.

ERP Connector

Mendix is the best way to add a flexible layer on top of existing ERP systems. Consultants can quickly build flexible extensions for ERPs using the familiar drag and drop capabilities of the Mendix Business Modeler.

About Mendix

Mendix is the app platform company for the enterprise. Mendix and Pink Elephant enable companies to build, integrate and deploy web and mobile applications faster and with better results, effectively driving ROI in days not months. Learn more and get started with Mendix at bpm.pinkelephant.nl.

Advantages:

✔ Extend legacy applications and integrate with existing processes and data across your enterprise systems infrastructure
✔ Integrate faster and easier – create web service based integrations without the need for complex programming expertise
✔ Use standard, pre-built connectors to integrate with enterprise systems such as SAP or integrate with an ESB (Enterprise Service Bus)
✔ The Mendix Platform API makes it easy to integrate the Mendix App Platform with your existing development processes and tools
✔ Build functionality once and re-use it across multiple applications