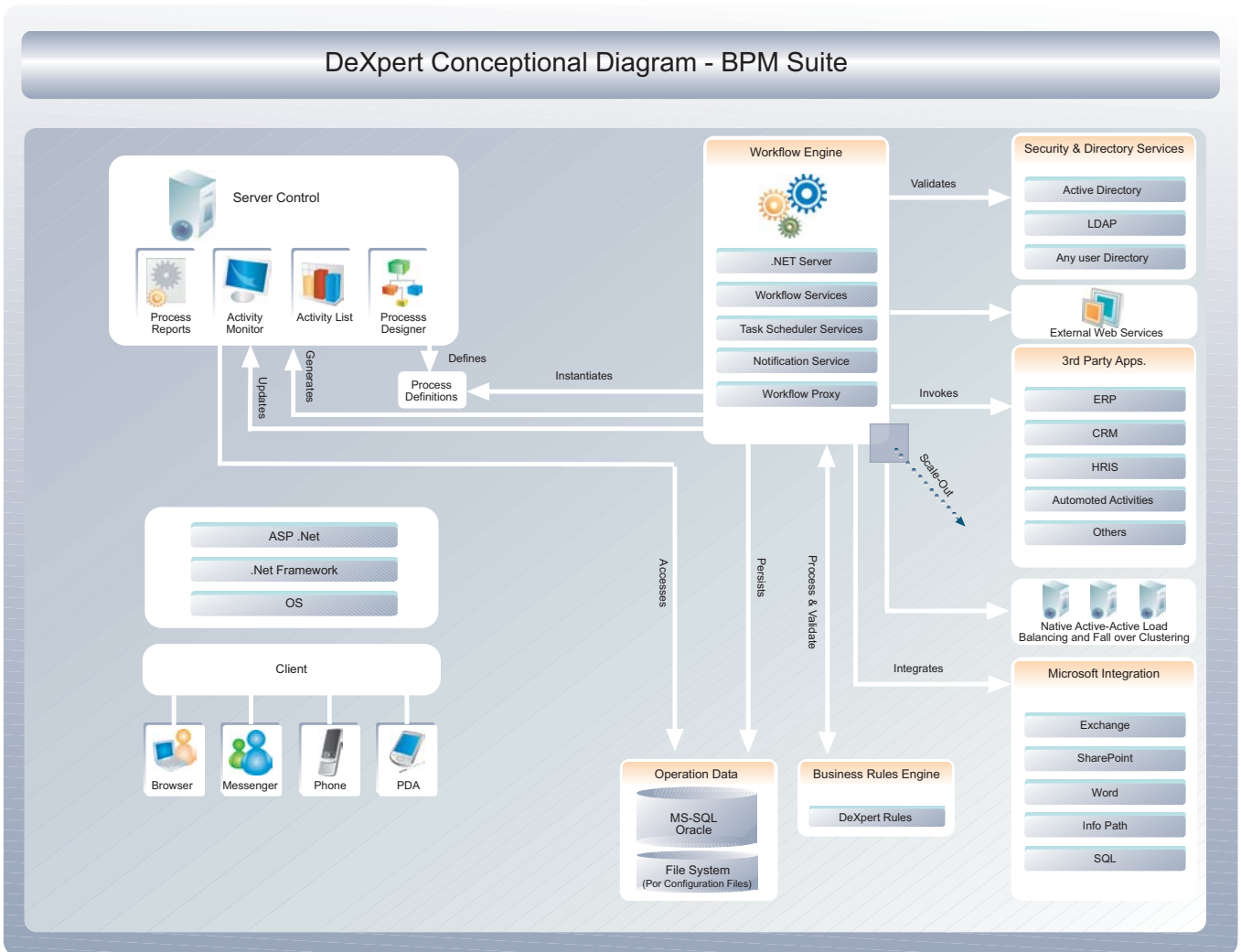


## DeXpert Technology Platform

DeXpert has been built on the **Microsoft latest technologies** like .Net 3.5, **WF** (Workflow Foundation) & **WPF** (Windows Presentation Foundation) frameworks and integrates seamlessly with **Microsoft Active Directory** and **Microsoft Office SharePoint Server 2007**. A solution based on the award winning Microsoft Platform and integrated with the best selling Microsoft technologies built by Microsoft Gold Certified Partners – KalSoft, DeXpert has to exceed your expectations.



## Physical Architecture

The first layer “DeXpert Client Components” comprises of DeXpert Shell which is a bundled package of all the design tools (i.e. Process Modeler, Form Designer, and Organization Chart Designer) and Analysis Tool. This layer also includes User Admin Module, a console for administrators to manage users and their roles. This layer interacts mostly with Business Logic Layer but some components communicate directly with Data Management Layer.

The “Business logic layer” comprises of Virtual Directory Service in order to deal with authentication of users against directory services.

The “DeXpert Data Management Layer” deals with data access. This layer provides database independence by internally using Object Relation Mapping (ORM).

The DeXpert Exception is a common module to all layers which basically wraps exception raised at each layer in order to manage error codes, messages and provides an abstract view of exception to user.

### DeXpert Architecture – Level One

