

NEW CHALLENGES IN INFORMATION TECHNOLOGY

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Extended Abstract: In 2009, the new IT technologies can provide companies with a competitive advantage in what is expected to be a very tough year on the bottom lines of IT budgets, IT management and IT vendors. However, even in an economic downturn those companies that invest, develop and capitalize on technologies that save money while improving the efficiency and effectiveness of business have an opportunity to grab growing - many organizations are finding themselves stretched to the limit.

Ultimately, economic conditions will play a huge role in how 2009 pans out for the developer community. When customers aren't buying, tool vendors don't innovate -- so we don't expect many groundbreaking new technologies to debut this year. Among enterprise customers, tightening budgets are likely to put the pressure on many of ambitious new projects, but smart companies will realize that process automation is one of the best ways to reduce costs in any business. The solution of layoffs and hiring freezes could make smart projects infeasible for the time being.

In 2009, the new IT technologies can provide companies with a competitive advantage in what is expected to be a very tough year on the bottom lines of IT budgets, IT management and IT vendors. However, even in an economic downturn those companies that invest, develop and capitalize on technologies that save money while improving the efficiency and effectiveness of business have an opportunity to grab significant market and mind share with new and existing customers.

The following technologies are likely to shape IT and business organizations in the coming year, and they can give your company the tools it needs to do business in this challenging economic environment: **Software as a Service (SaaS), Virtualization, Enterprise Mobility, Energy-Efficient Data Centers, Security, Risk and Compliance, Social Networking, Web 2.0, Document Management and E-Discovery, Project Management and Project Portfolio Management, Web and Video Collaboration**

In these conditions we can break out 2009's trends into four different categories: *Strategy, Management, Security, and Technology*. But they are all closely related and the changes have impact in all aspects.

The main important trends for 2009 are covering the following domains:

Outsourcing , Information Technology Infrastructure Library, Application Portfolio Management, Virtualization, Business Intelligence, Automation, Computer Economics Viewpoint

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