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## Cloud Computing - Pay-per-use for On-Demand Scalability: Why now?

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Over the last few years we have seen grid computing evolve from a niche technology associated with scientific and technical computing, into a business-innovating technology that is driving increased commercial adoption. Grid deployments accelerate application performance, improve productivity and collaboration, and optimize the resiliency of the IT infrastructure.

Today, the maturity of the Virtualisation technologies, both at the VM and at the Grid infrastructure levels, and the convergence of the Grid, Virtualization and SOA concepts, enables the business implementation of the Cloud Computing for utility and SaaS services.

At last, the Grid Computing vision becomes a reality: people that get electricity from their electrical outlet, on-demand, can get applications, computing and storage services from the network, on-demand. We can dynamically scale our computation and storage power, and we pay only for what we use. This is going to change the marketplace as we know it.

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