



Server virtualization has emerged as a mainstream technology in recent years, and for good reason. The benefits—more efficient use of servers, faster implementation, lower maintenance costs, and portability of workloads—are simply too compelling. According to Jeff Woolsey, principal program manager for cloud and

Server virtualization creates an image, or virtual machine (VM), that exists on a physical server, mating compute resources, input/output (I/O), and memory. This abstraction makes the VM independent of the physical device—dozens can run on a single physical server, and VMs can be moved from machine to machine seamlessly.

BUILDING ON INTERACTION

Server virtualization is built on the interaction of three components: The multicore, hyper-threaded processor, which determines how many virtual machines are viable; the computing and networking platform, whose random access

The swift proliferation of complex and highly specialized data center systems has led to the equally swift proliferation of management tools. It's not uncommon for IT organizations to have dozens of tools to control dozens of systems, with scant integration and coordination among them.

"IT departments can get very specialized and siloed," says Mona Hrapkowicz, data center software specialist at Intel. "But in today's day and age, you can't be myopic and focus on one piece of the data center. You must focus on the business holistically,

By standardizing on FlexPod, King County has consolidated 28 data centers down to two. It has reduced the size of its storage environment by 70 percent. And it is saving \$700,000 annually.

But this isn't just a story of technology consolidation and cost savings. It's one of governmental conscientiousness and accountability, of a county working hard to make more efficient use of tax dollars and engaging citizens in newer, better ways. And more than anything, it's a model of civic possibility.

A MORE PROGRESSIVE GOVERNMENT

Expectations have changed. People want greater access to information, quickly and on a variety of devices.

They want more transparency and responsiveness from their government. And many are no longer willing to go

to an administrative office and wait for a response. They want to be able to interact with their government through a variety of devices and channels. And they want to be able to interact with their government through a variety of devices and channels. And they want to be able to interact with their government through a variety of devices and channels.

With one of Argentina's most
advanced data centers,

