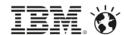
IBM SolutionsConnect 2013

Turning Opportunity into Outcomes.

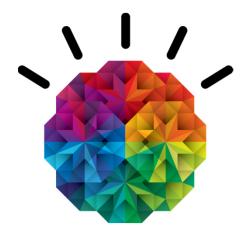


Infrastructure expertise made easy:
Capture expertise from your ISV with the
PureFlex System

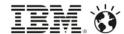
Tom Sluys



Topics



- IBM PureSystems Family Review
- A closer look at PureFlex System and Flex System
- Cloud Enablement
- ISV expertise



Which issues does IT organization face today?

- Maintaining uptime is unrelenting customers have no tolerance for downtime
- Difficulty taking solutions and putting them in a secure, multi-tenant infrastructure
- Lack of consistency across their infrastructure, having to bridge the gaps
- Shrinking margins on traditional, non-cloud IT managed services
- Traditional licensing doesn't work for me, it doesn't fit my business model
- Lack of marketing know-how and resources, including staff and budget



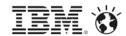
Simplifying the entire IT project lifecycle.



Reduced Time, Cost and Risk







PureSystems

- Integration by Design
- Built-In Expertise
- Simplified Experience

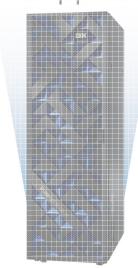
PureFlex



Infrastructure

Delivering Cloud Infrastructure Services

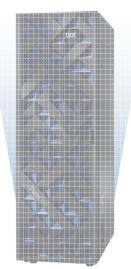
PureApplication



Application Platform

Delivering Cloud Application Platform Services

PureData



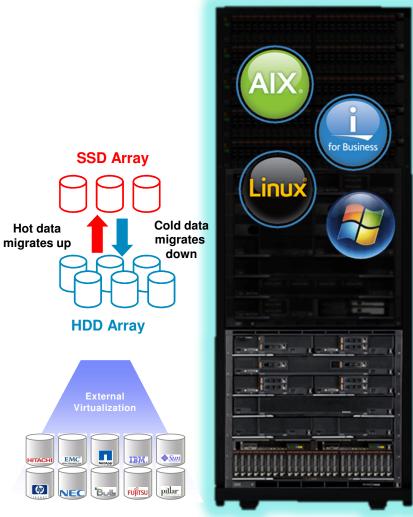
Data Platform

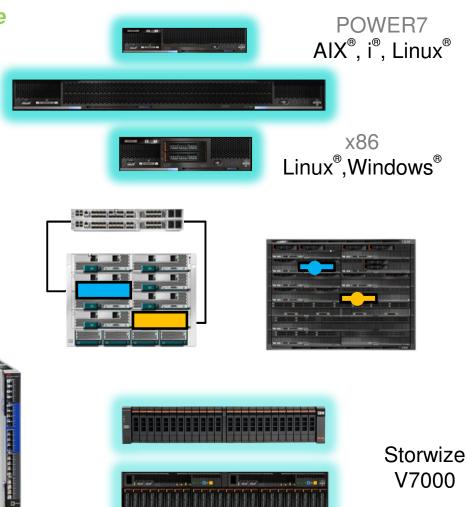
Delivering Big Data Platform Services



What's inside?

No compromise designs for full performance



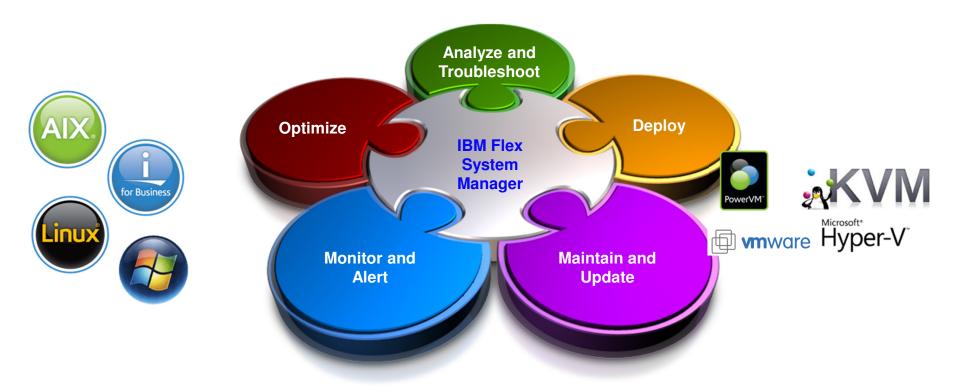


Compression Without Com



IBM PureFlex System

Virtualization Servers Network Storage



Secure V

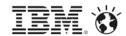


Easy to Use



Integrated

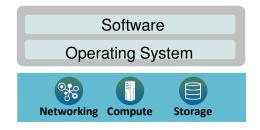


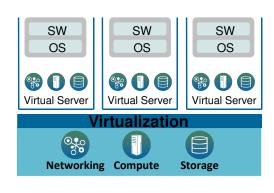


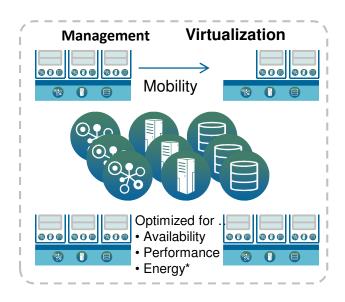
Advanced virtualization

Expertise through resource pooling and policies

- Manage Services instead of components
- System Pools: resources acted upon as a group
- Automatic virtual machine placement & optimization
- Policy optimized performance, utilization or energy pooling





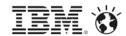


Systems

Virtual Systems

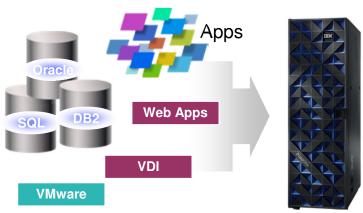
System Pools / Cloud

Manage a pool of system resources or a cloud as simply as managing a single system



Client Cases

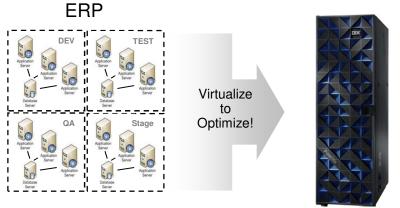
Consolidate



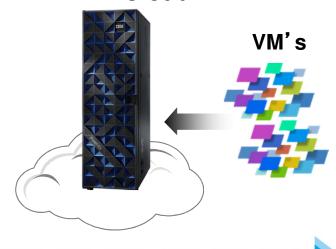
Innovate



Optimize



Cloud





PureSystems Centre

IBM PureSystems Centre

Pure**Systems**

PureSystems Centre – Broad Open Ecosystem

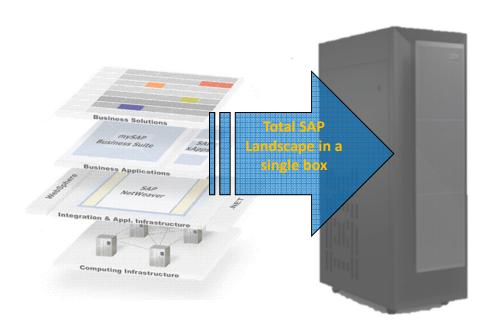
IBM PureSystems Centre:

- Gain access to a broad community of IBM and certified partner expertise
- Download optimized, deployable application patterns from 275 leading ISV partners
- Search by solution area, industry or system

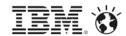




How Does IBM PureSystems inject SAP Expertise



- Compactness and Consolidation
- Flexibility and Simplicity
- Agility to drive business velocity
- Control that provides a better experience

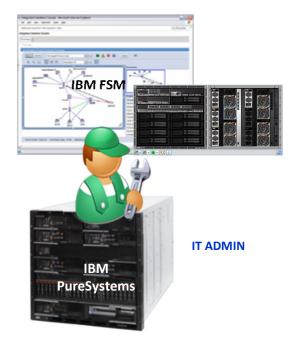


Expanding IT Management to SAP Application Management

PureSystem platform Integration with SAP Landscape Virtualization Management

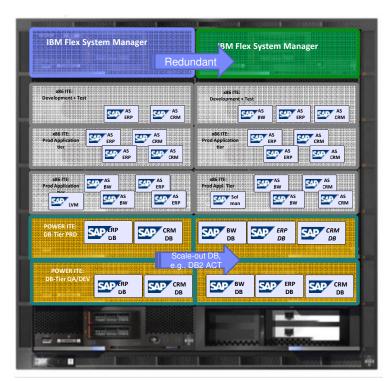
- Improve collaboration
- Maintain transparency
- Functional integration
- Service automation
- Excellent Integration

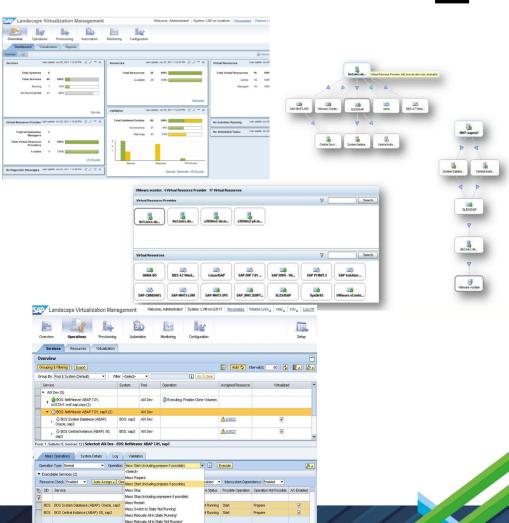


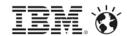




Deployment Case: SAP DB Tier on Power ITE and Application Tier on x86 ITE

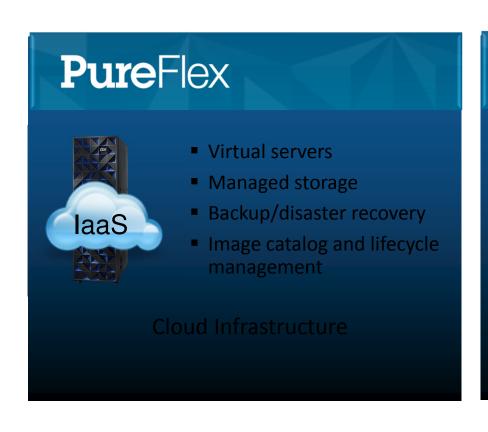






Simplifying cloud

Cloud infrastructure and application platforms



PureFlex Days to minutes for virtual machine deployment time¹ 72% lower systems costs over 3 years² VDI reference architectures Cloud Infrastructure (laaS) 1. Based upon comparisons to previous generation blade servers. Specific client environments and results may vay. 2. December of the MEM Preserch and Development teating control of the comparison of the control of the co



Leveraging built-in expertise for cloud

Deploy Workload...

Simple, Rapid Deployment

SmartCloud Entry...



Tailor...

| Production | Sept | Sept

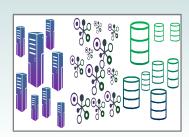
Leveraging Built-in Expertise



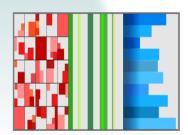
Image Library of Available Workloads



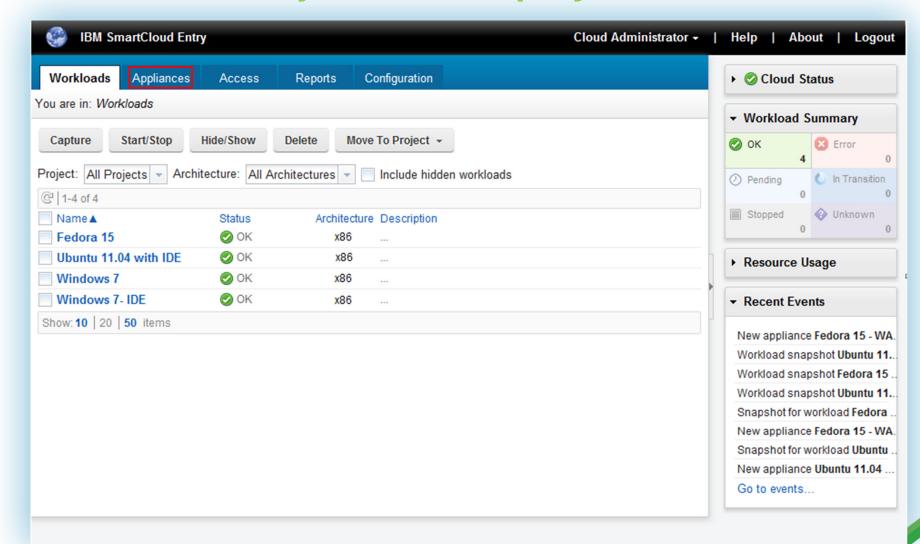
System Pools

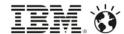


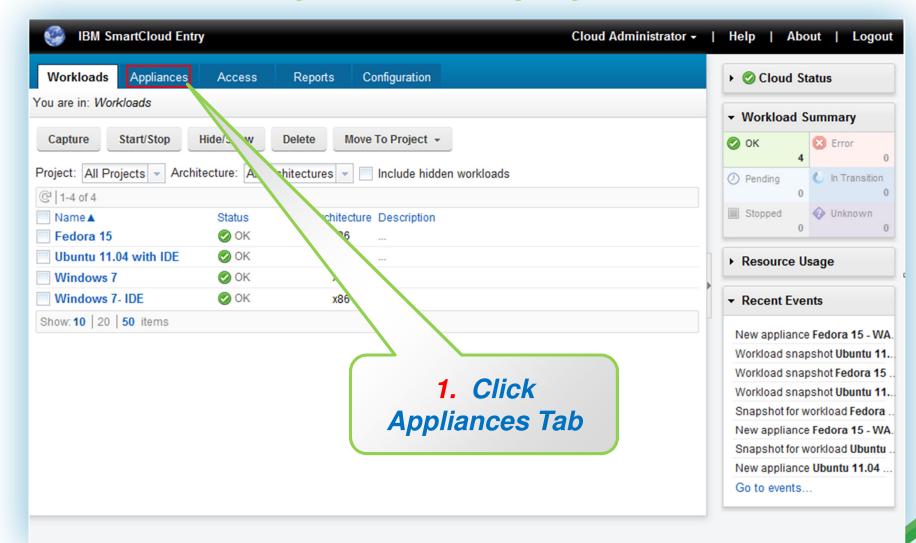
Policy Driven Optimization with Built-in Expertise



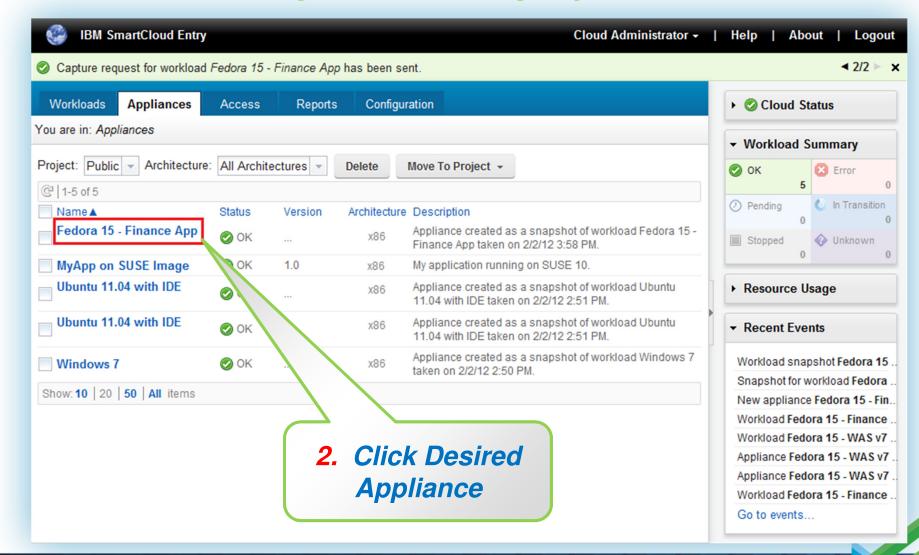




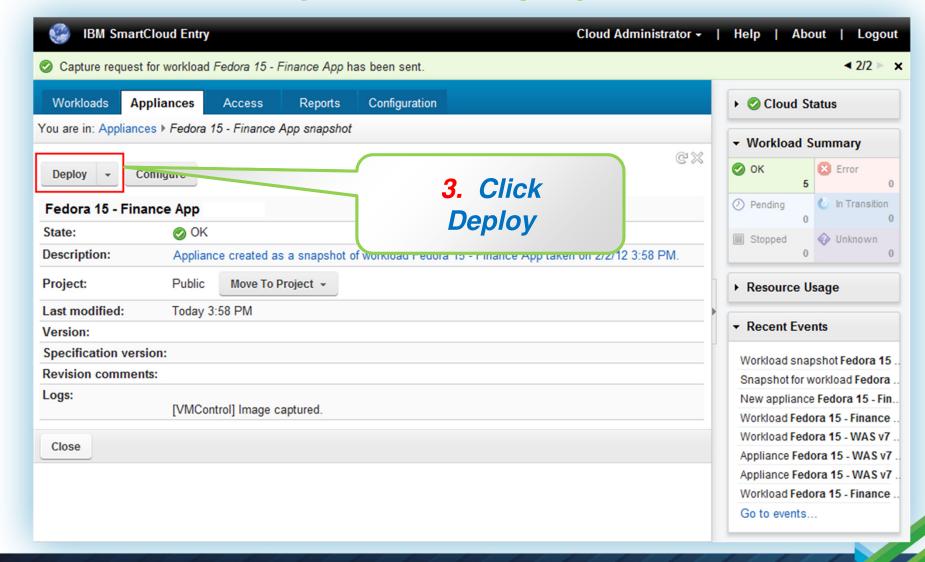




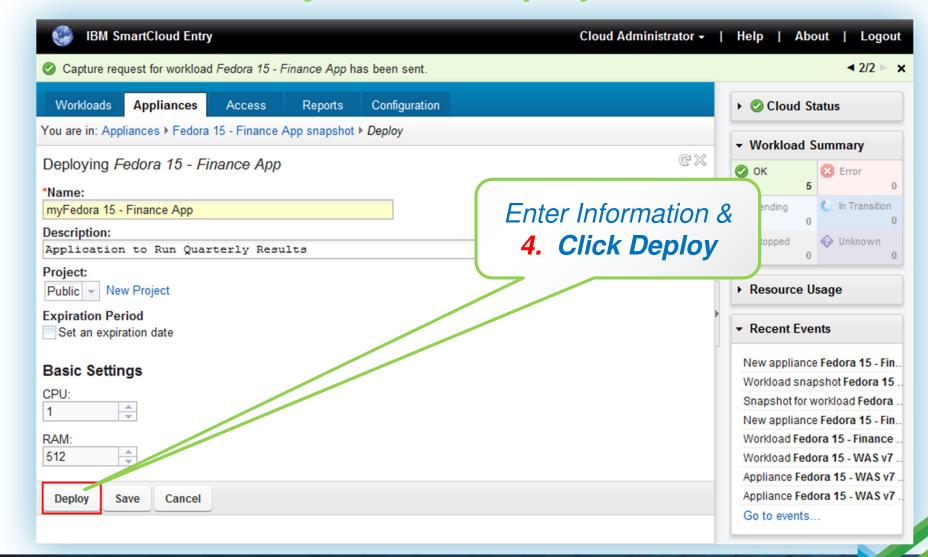




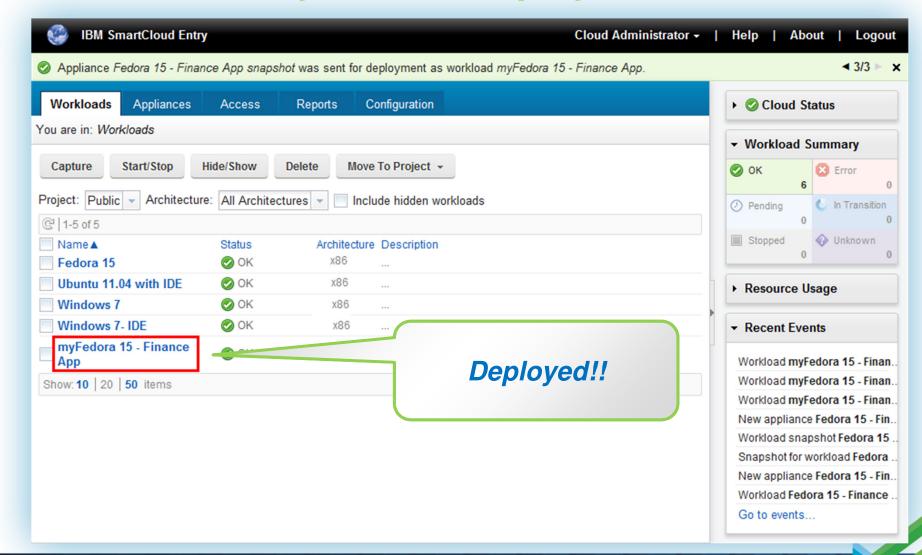






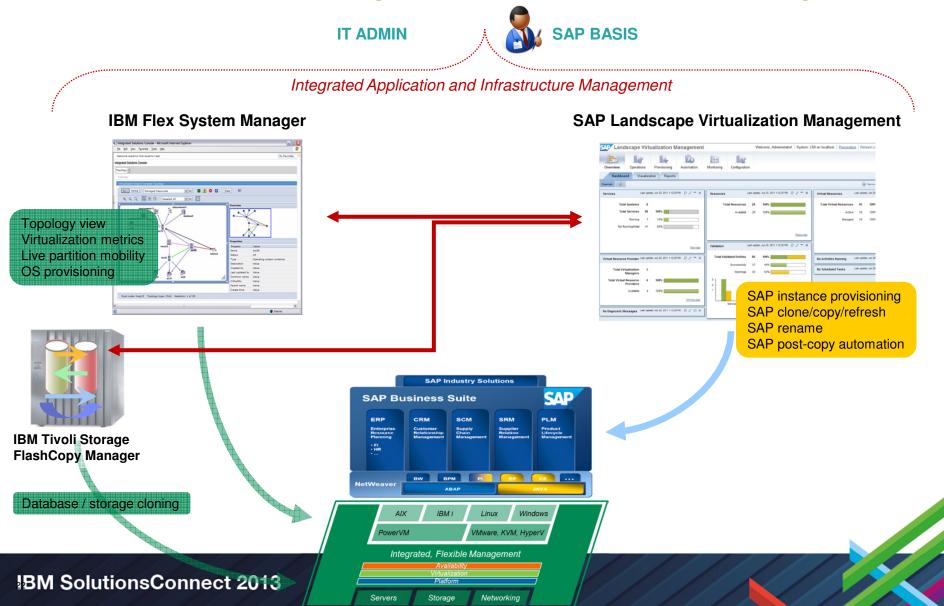






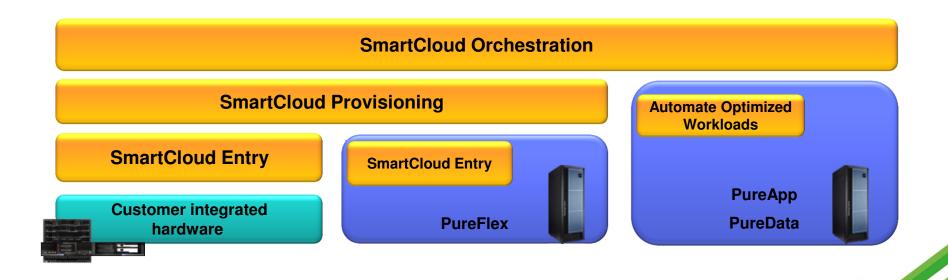


IBM SmartCloud Entry for SAP on PureFlex System





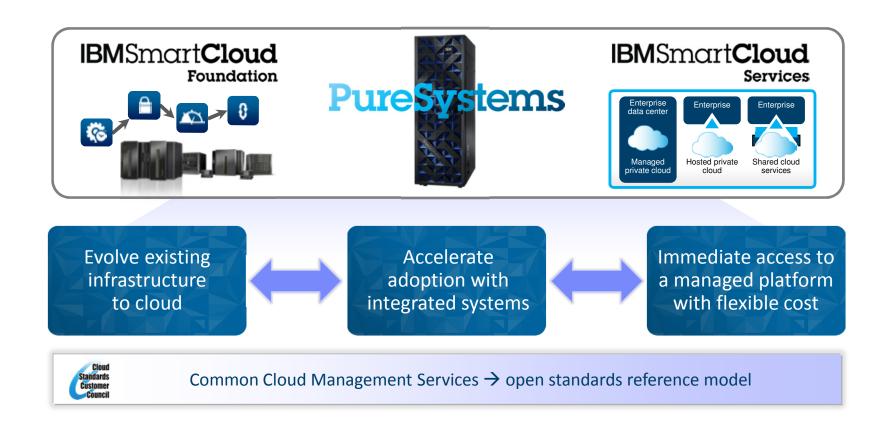
Smart Cloud Solutions and PureSystems





IBM PureSystems family is built for cloud

Flexible deployment options with IBM SmartCloud





Simplifying cloud: client example

AXIANS

Deploying a cloud-ready platform for a fast-changing market

The need:

AXIANS, an ICT services provider based in the Netherlands, recognized a shift in the market from traditional reselling towards cloud-based hosting services, and decided to respond by adapting its business model. To do so, the company needed a cloud-ready, flexible computing platform with low management requirements.

The solution:

By selecting the IBM® PureFlex[™] System, delivered with pre-integrated compute, storage, networking and management components, AXIANS gained a comprehensive cloud-ready hosting platform from a single vendor. The company deployed Intel-based IBM Flex System[™] x240 compute nodes, with the option to add IBM POWER® processor architecture in the future within the same chassis, to meet varied customer needs.

The benefit:

- Cuts the time needed to provision new environments by 30 percent, speeding time-to-market and boosting client satisfaction.
- Minimizes management time, allowing employees to focus on adding value through the human dimension – a key company ethos.
- Offers easy scalability and fast deployment, helping AXIANS move fast on new business opportunities.

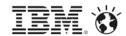
"Our confidence in the roadmap for IBM PureFlex in the coming years, combined with its scalable, easy-to-deploy design has truly made it AXIANS' platform for the future."

— Hans Mekking, Business Unit Manager, AXIANS Eindhoven

Solution components:

- IBM® PureFlexTM System
- IBM Systems Lab Services





Thank you



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PureSystems Sales Leader Benelux

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Service providers adopting PureFlex Systems

T-Systems transforms its Innovation Center with IBM PureSystems



The **T-Systems** Innovation Center was dedicated NetApp FlexPod and VMware vBlock on Cisco UCS and will now be powered by IBM PureSystems technology.

T-Systems was unable to address its customers' more sophisticated demands because its existing Cisco infrastructure could not address requirements for high-scale applications due to limitations around CPU, bandwidth and RAM. The company needed an optimized and integrated solution - one that could operate on a small footprint in a standard rack, plus contain all management for the hardware in a single module.

BinHexS S.r.l. reduces time to market by 50% with IBM PureFlex System In the past, **BinHexS** was unable to justify the expense of adding a new platform for only one customer. With PureSystems, the client can provide a single customer with services based on new platforms because of the efficiencies allowed by the cloud computing functionality.

The company's IT environment was becoming difficult to manage, with separate servers running three different platforms. In order to meet its service level agreements, BinHexS had to staff its data center with a skilled technician for each platform. The requirement to have three IT administrators available at all times was too costly. BinHexS needed to consolidate the systems in its data center onto one easy-to-manage platform.

Logista anticipates reduced time to market from 1 month to 5 days with IBM PureFlex



The ASL software bundling allowed **Logista** to purchase enterprise class software at an affordable price.

IBM SmartCloud Provisioning software and the VMware hypervisor tool work together to facilitate rapid deployment of cloud resources, helping Logista satisfy both internal and customer high-availability requirements.

Logista is an IBM Business Partner but has been leading with HP for over a decade. To support its partnership with Retirement Services of Alabama on a new data center, Logista was looking to implement a cloud services infrastructure to enable commercial contracts. The company needed a solution that not only met its current needs but also those of the future.