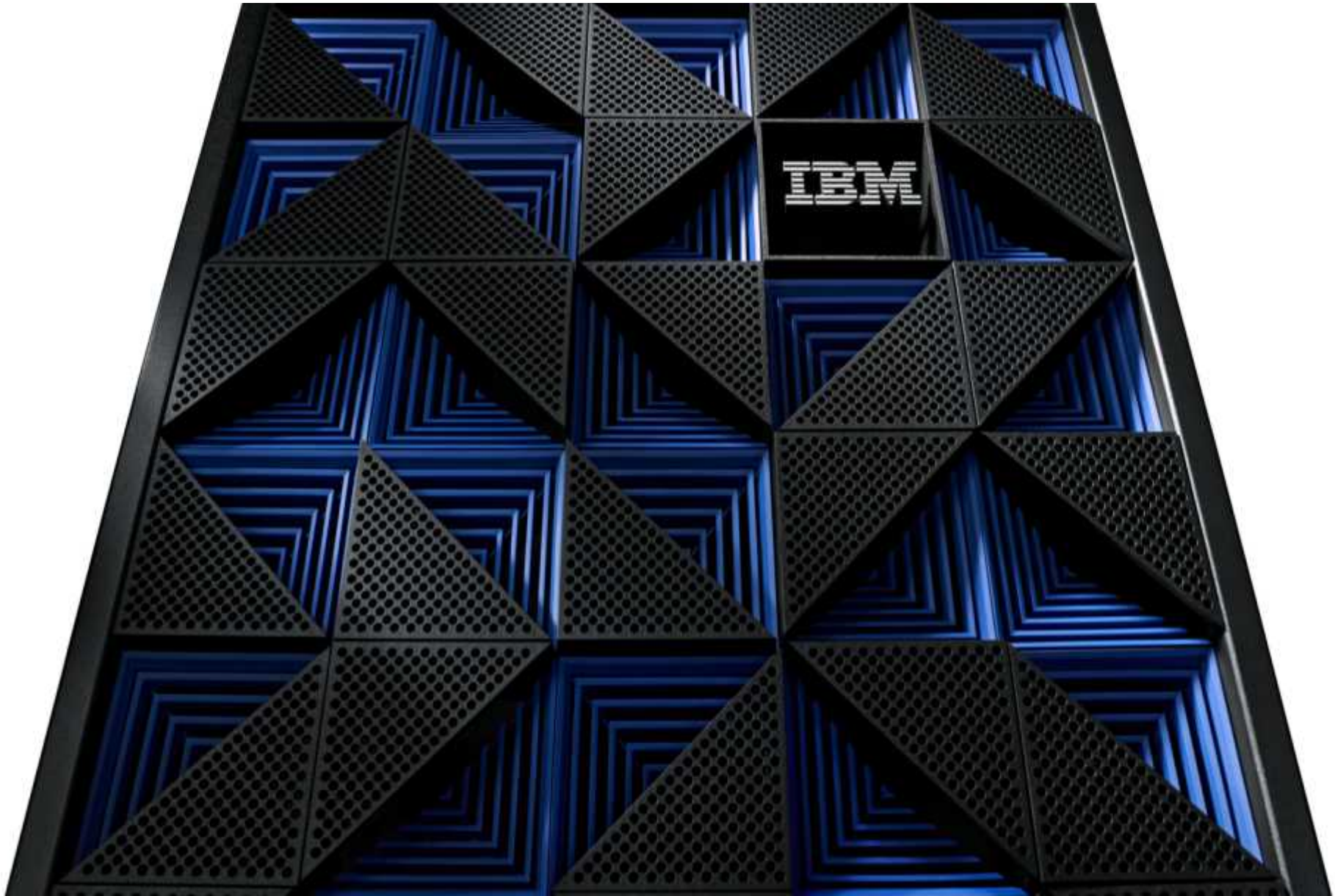




Gestão e Competitividade
no Agronegócio



IBM



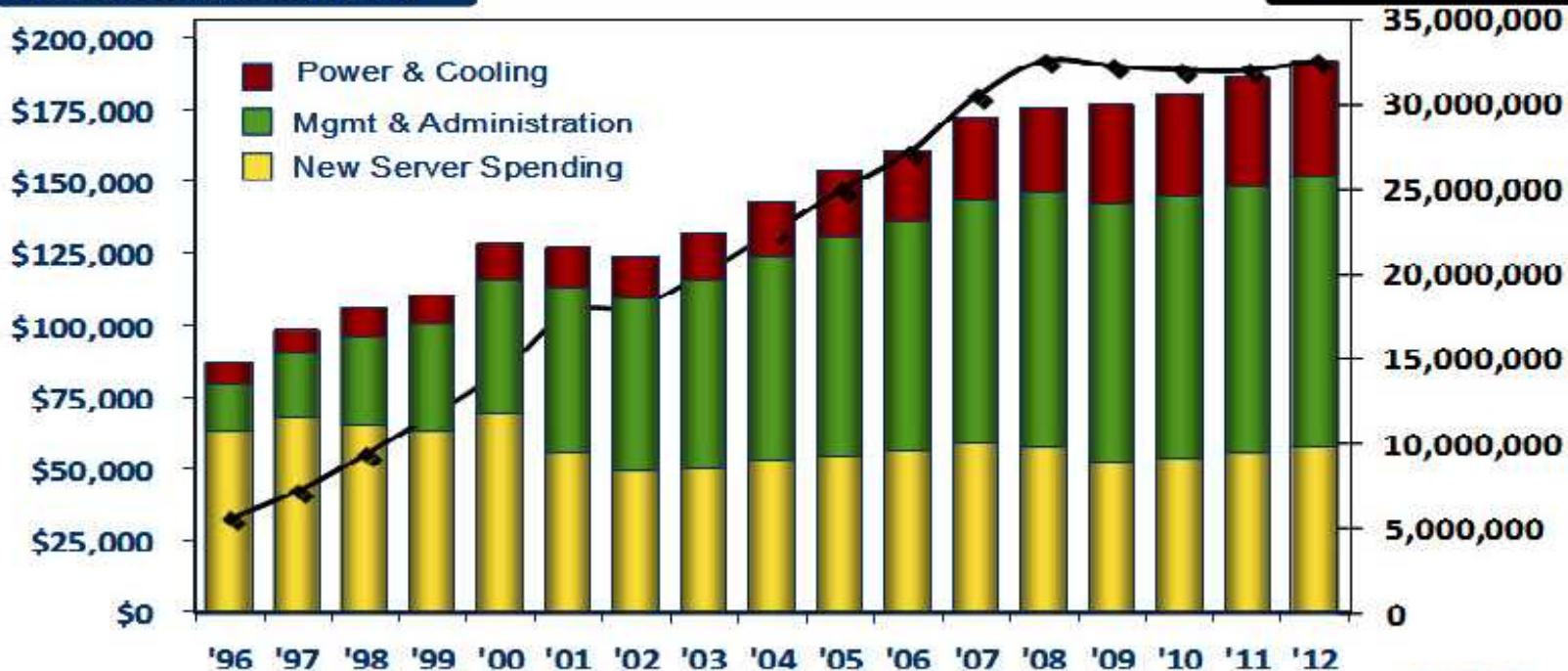
INFORMAÇÕES DO MERCADO

IDC Chart

WW Spending on Servers, Power and Cooling, and Management/Administration

Customer Spending (\$M)

Installed Servers



Você experimenta as barreiras de tempo, custo e risco atualmente
Alinhando as metas de TI e das áreas de negócios

Metas de Negócio

- Inovação os negócios
- Novos mercados
- Responder à ameaças de competidores
- Melhorar a experiência do consumidor



Realidade de TI

Disponibilizar ambientes

Leva meses:

- Especificar/desenhar
- Integrar
- Comprar
- Implantar

Tarefas de Desenvolvimento

Leva 30-90 dias:

- Provisionar
- Configurar

Esforços contínuos

Levam meses e exigem downtime:

- Customização/Tune
- Manter
- Escalar
- Upgrade
- Gerenciar



O mercado possui diversas abordagens para os gaps de IT



E se você puder ter o melhor destas três?



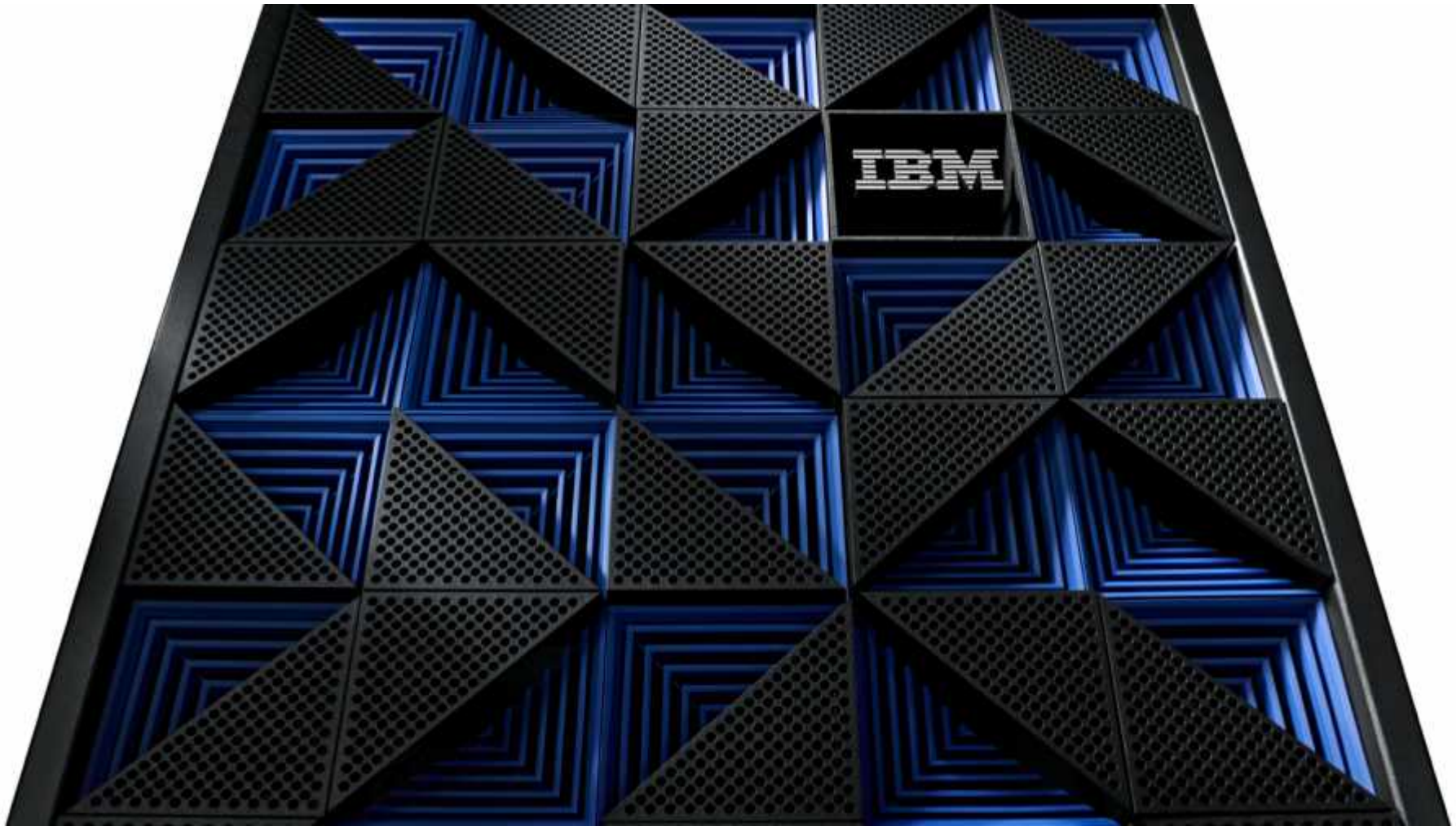
Gestão e Competitividade
no Agronegócio



IBM PureSystems



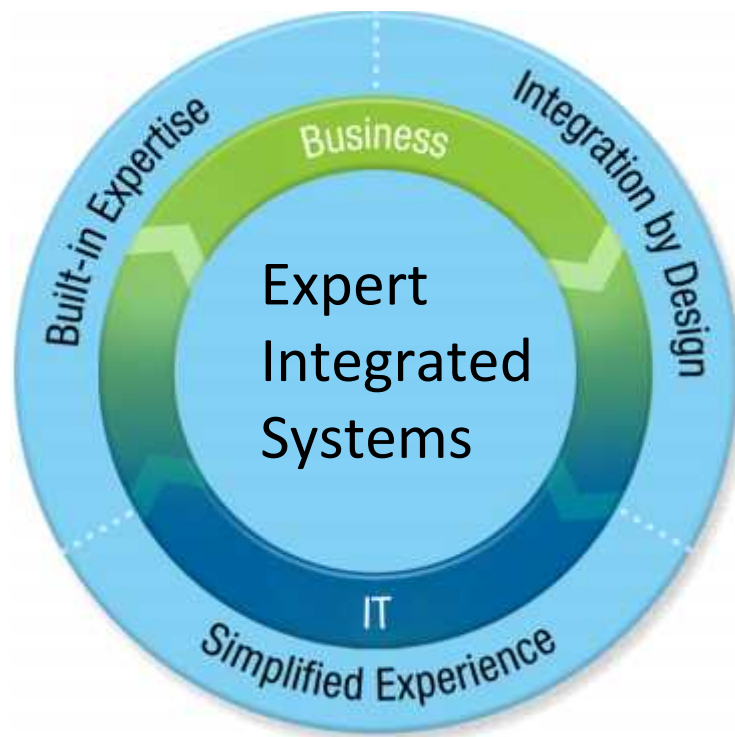
Open, Flexible, Integrated, Scalable, Virtualized



Atributos Únicos do IBM PureSystem

Built-in Expertise

Capturando & automatizando as tarefas dos experts - da infra-estrutura até a aplicação



Design Integrado

Extremamente integrado & tunado para hardware e software - em um sistema único e pronto

Simplified Experience

Simplificando todo o ciclo de IT - gerenciamento integrado de todo o sistema e ecossistema completo de soluções abertas

IBM PureSystems

Componentes

Chassis
14 slots half



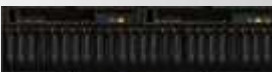
Compute
Nodes
Power & x86



Rede
10/40GbE, FCoE,
Infiniband
8/16Gb FC



Storage
V7000
Virtualizado



Management
Appliance



Expansão
PCIe / Storage



PureFlex Systems

Pré-configurados e pré-integrados contendo compute nodes, storage, rede, gerenciamento e Smart Cloud Entry

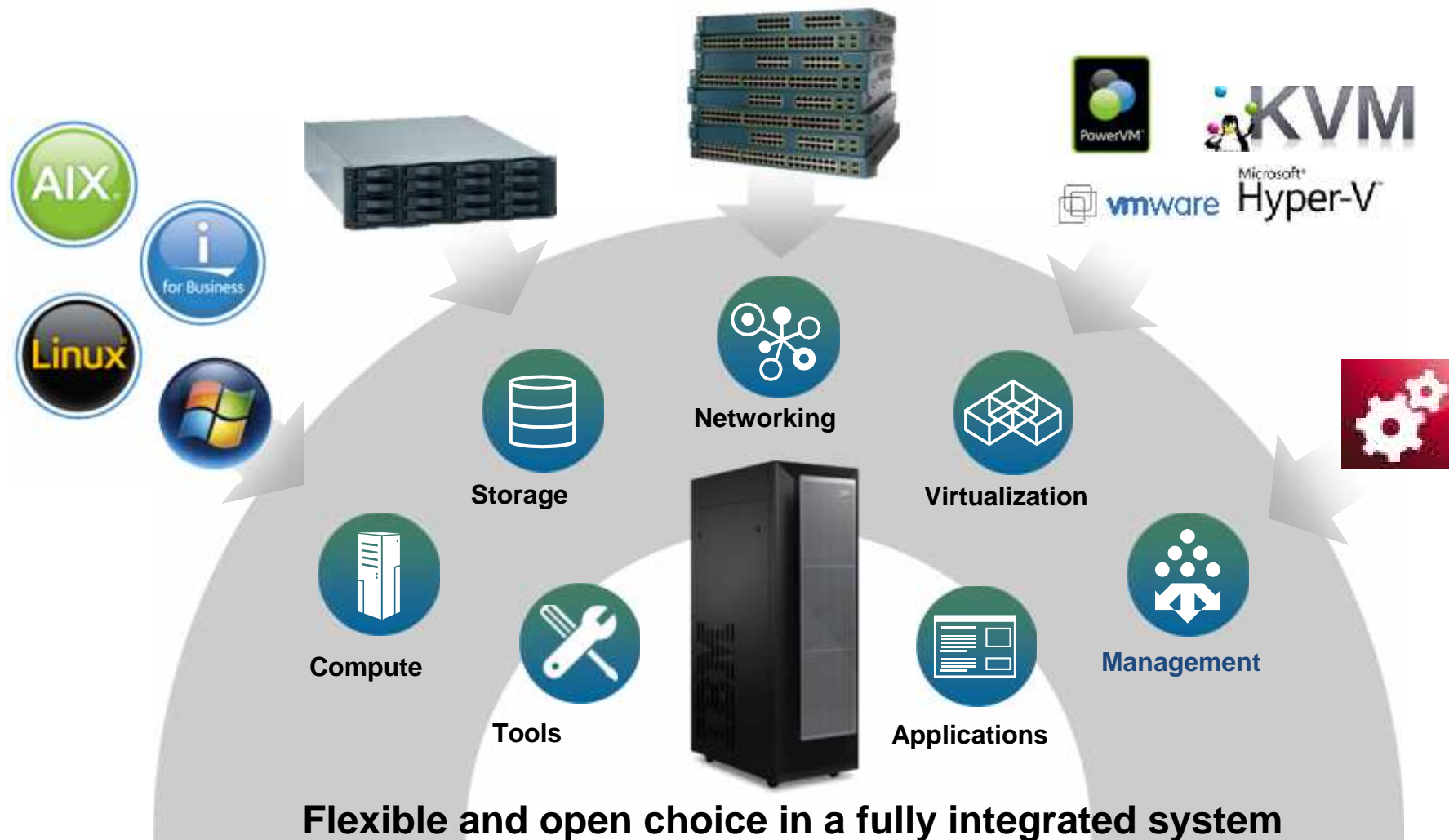


PureApplication Systems

Sistemas pré-configurados e pré-integrados contendo middleware projetado para web applications habilitado para Cloud



IBM PureFlex System - Integrado



IBM Flex System - Experiência

The screenshot displays the IBM Flex System Manager web interface. At the top, a navigation bar includes tabs for 'Initial Setup', 'Additional Setup', 'Plugins', 'Administration', 'Applications', and 'Learn'. The main content area is divided into two columns of tasks.

Initial Setup Tasks:

- Flex System Manager - Check and Update:** Obtain and install updates for IBM Flex System Manager™. This will...
- Flex System Manager Domain - Select Chassis to Manage:** View all chassis and Flex System Managers in your environment and you are currently managing 1 chassis. View chassis.
- CMMs - Check and Update Firmware:** Update the firmware on the Chassis Management Modules (CMMs).
- Compute Nodes - Check and Update Firmware:** Follow the steps to deploy and discover operating systems on your...
- I/O Modules - Check and Update Firmware:** Update the firmware on the I/O modules.

Common Links:

- Chassis Manager:** View and work with your managed resources.

Optional Setup Tasks:

- Set up Electronic Service Agent™ (ESA):** Configure Electronic Service Agent™ to collect and send hardware problem information to IBM.
- Configure Flex System Manager User Registry:** Configure or change the Flex System Manager user registry.
- Manage Users and Groups:** Create, edit, and delete user and group accounts.
- Automate Checking for Updates:** Automate checking for updates for all your managed resources. Automated update check is not set up yet.
- Deploy Common Configurations:** Deploy common pre-installed configurations for operating systems, servers, and software.
- Deploy Agents:** Deploy management agents on selected systems. You have 0 operating systems discovered, of which 0 have agents installed. Learn more about agent capabilities and deploying agents.
- Manage Features on Demand Keys:** Import a Feature on Demand key and apply it to this Flex System Manager.
- Manage System Storage:** View a summary of the storage in your environment. Learn more about managing storage resources.
- Manage Network Devices:** View a summary of the network devices in your environment.



IBM Flex System – Deployment (New Nodes)

IBM Flex System Manager™ Status (2)

Home Systems Monitor Security Utilities

Deploy Compute Node Images

Select one or more X-Architecture compute nodes to which you want to deploy images. [Learn More...](#)

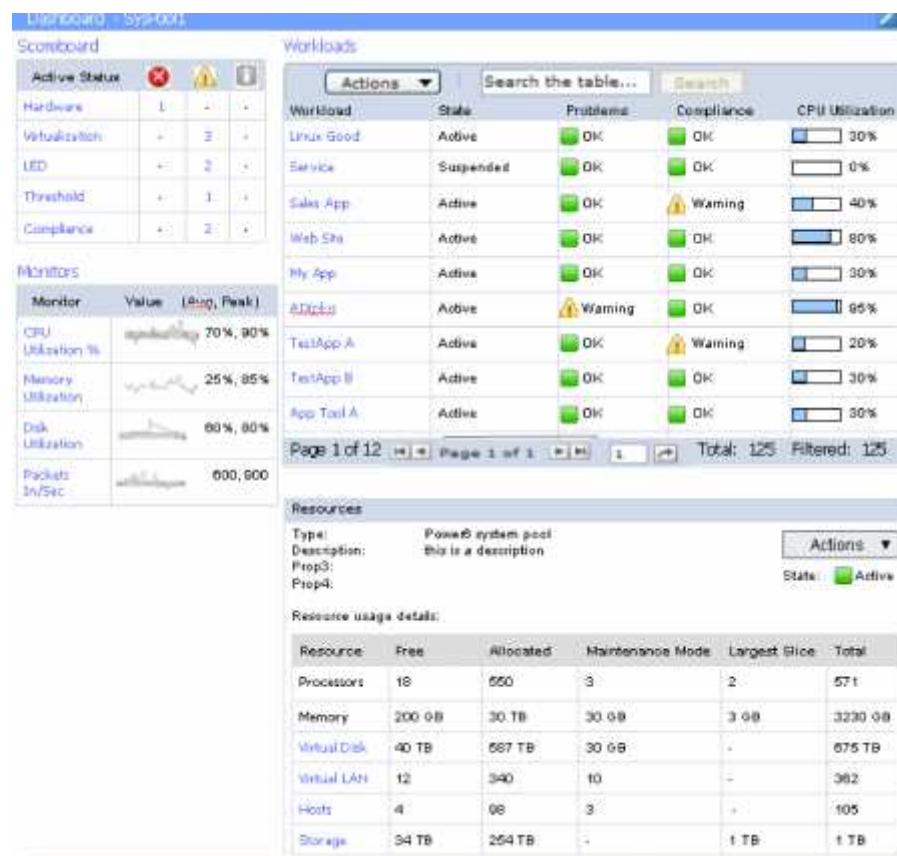
Note: Before you begin, validate the IBM Flex System Manager network port being used to attach to the data network is configured to be on the same network as the network ports on the compute node.

Deploy this image to all compute nodes: esxi5.1-x86_64-install-Virtualization [Import additional images](#)

Chassis and Node	Bay	Access State	Discovered Operating System	Deploy Status	MAC Address	Image to Deploy
FSMCME01						
BT13IMM	7	OK	fd0e.72a7.14c5:0:5ef3	Compute Node Restar	5C:F3:FC:6E:25:50	esxi5.1-x86_64-install-Virtualization
Congo_11_12	11, 12	OK	9.5.157.191	Preparing Server for OS	5C:F3:FC:7F:0A:B8	rhels6.3-x86_64-install-Virtualization
IBM 8737AC1 23FFR86	14	OK	ip9-5-157-44.rch.stglab	Installing OS	5C:F3:FC:6E:31:F8	rhels6.3-x86_64-install-Minimal
IBM 8737AC1 23FFT21	13	OK	ip9-5-157-209.rch.stglab	Installing OS	5C:F3:FC:6E:26:F8	rhels6.3-x86_64-install-Basic
IMM2-5cf3fc7e0c75.rch.stglabs	10, 9	OK	Not Discovered	Ready	00:00:C9:C6:95:00	esxi5.1-x86_64-install-Virtualization

IBM Flex System - Virtualização Avançada

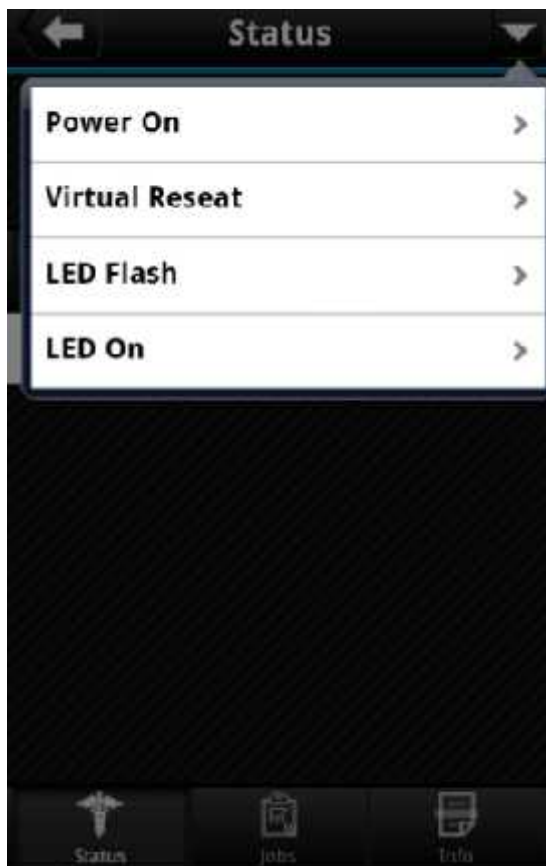
- Serviço Inteligente de Placement de máquinas virtuais
- Dynamic Workload Mobility
- Gerenciamento integrado de Storage e Rede
- Rebalanceamento de Workloads
 - Advise – VMControl recomenda e pede confirmação
 - Automate – VMControl toma todas as decisões
- Alta Disponibilidade
 - Automatiza a realocação de workloads em caso de falhas dos hosts
 - Restart de workloads virtuais
- Automação de Energia
 - Permite aos pools realocarem VMs para hosts com menos carga
 - Consolida workloads, minimizando o número de hosts ativos para economia de energia



Flex System Manager Mobile



LED Lights



Power actions



Firmware, LED details

IBM PureSystems Centre

The screenshot shows the IBM PureSystems Centre website. At the top, there is an IBM logo and the text 'IBM PureSystems' and 'PureSystems Centre'. Below this, a navigation bar includes 'Welcome', 'Browse solutions', 'Browse updates', 'Ask an expert', and 'Library'. The main content area features a welcome message, a 'Browse All PureSystems Solutions' button, and three system categories: 'PureFlex System', 'PureApplication System', and 'PureData System'. The 'IBM PureFlex System' section is expanded, showing a description of the system and a list of supported solution types: 'Virtual appliances' and 'Workload optimized systems'.

- Um portal de fácil acesso e pesquisa ao ecossistema de soluções otimizadas para PureSystems
- Ferramenta de Busca por solução ou por indústria
- Virtual Appliances
 - Máquinas Virtuais Prontas para serem inseridas na solução
- Workload Optimized Systems
 - Soluções completas de ISVs



IBM PureSystems Experience



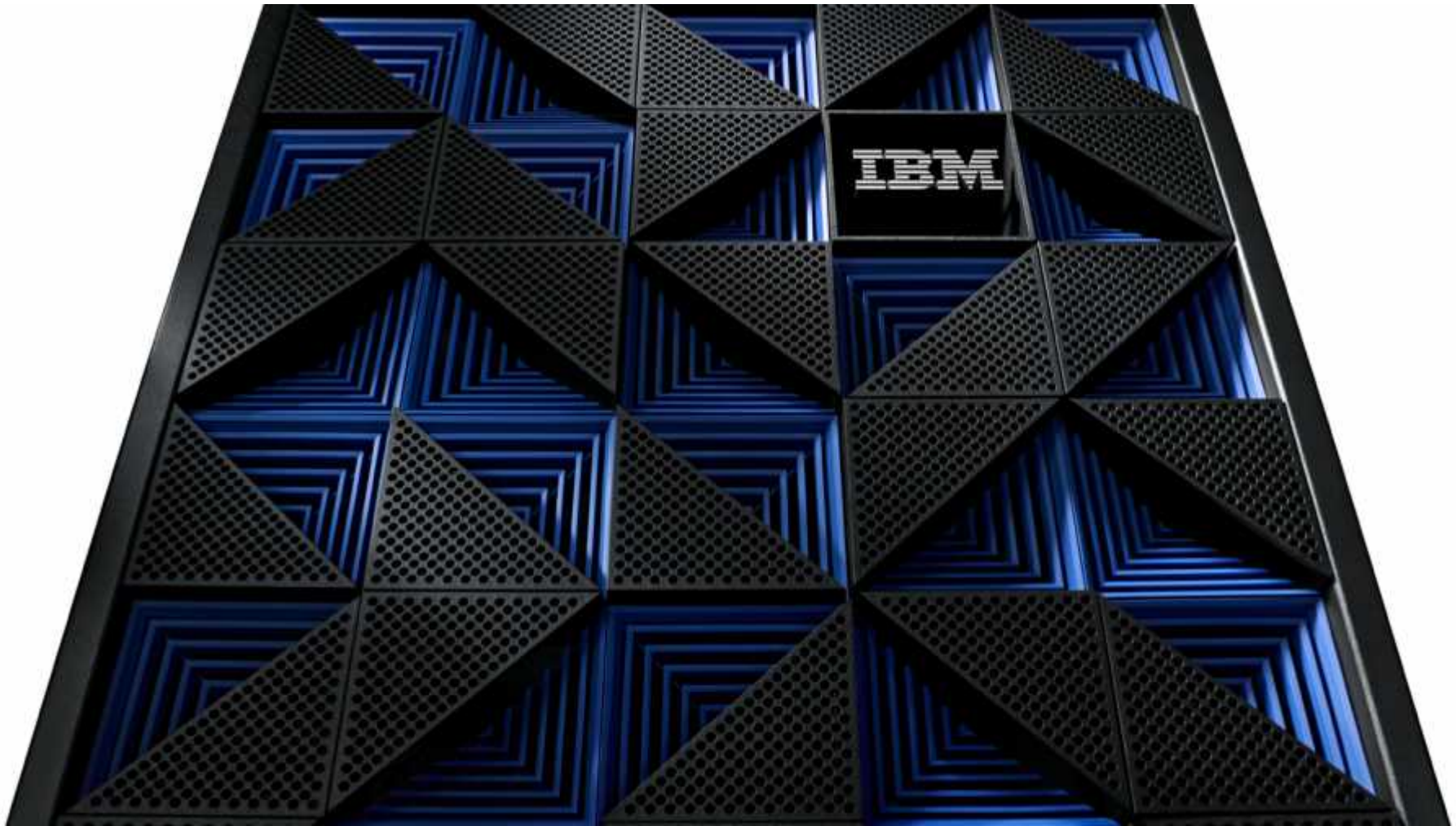
Uma nova experiência:

- Uma única plataforma, facilitando a compra, recebimento, instalação e operação
- Instalação na fábrica, com soluções 100% empacotadas e simples de serem configuradas
- Gerenciamento integrado
- Um único ponto de contato para suporte
- Upgrades com downtime zero, através de patches integrados
- Ecossistema de soluções otimizadas



IBM PureFlex

Open, Flexible, Integrated, Scalable, Virtualized





Gestão e Competitividade no Agronegócio

Almoço

Retorno às
14h00



Patrocínio



NRBCConsulting
NETWORK RELATIONSHIP BUSINESS

Realização

