

# Novedades VMworld 2010

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# La Cloud – IT Dichotomy

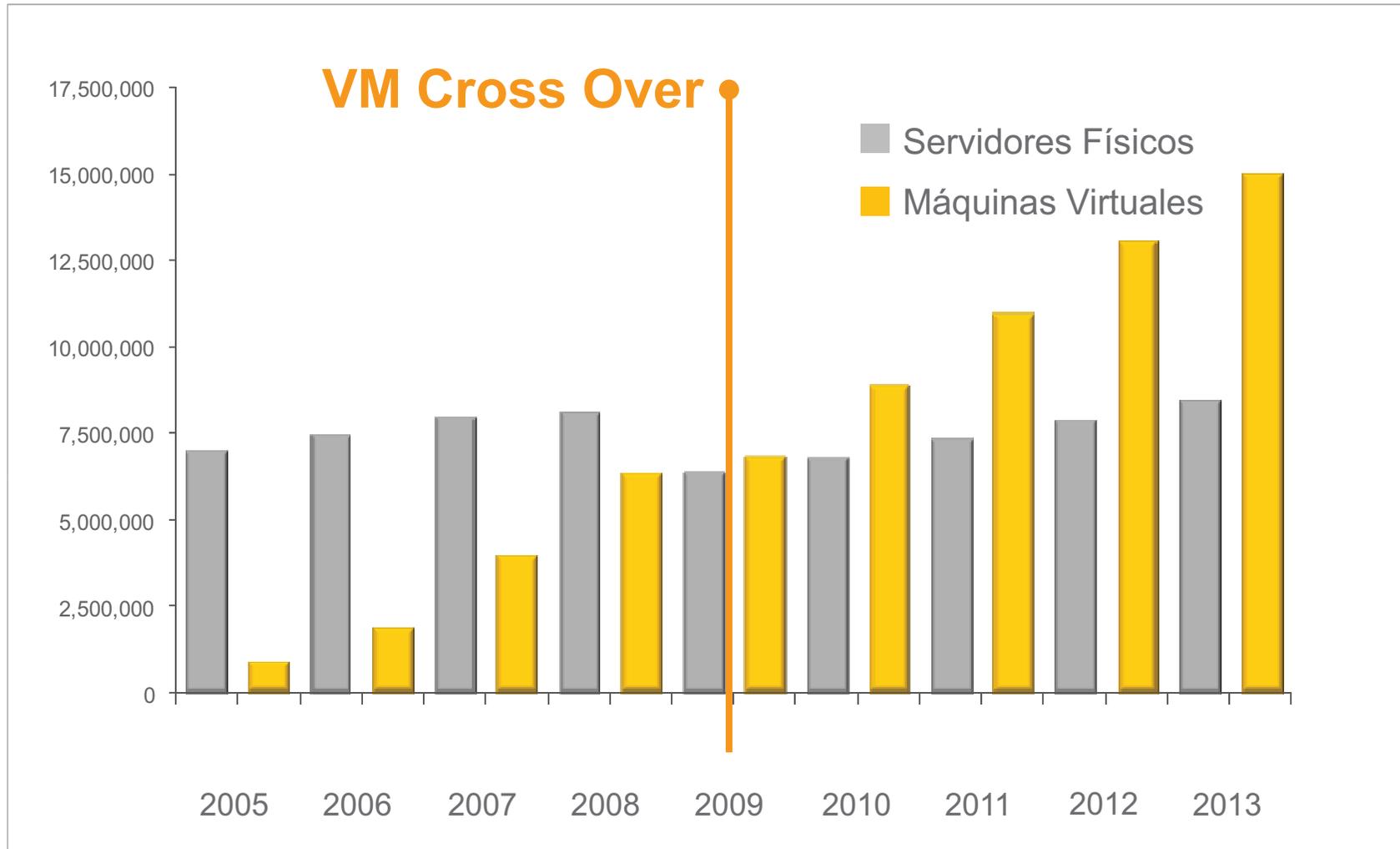


# Cientes camino de IT as a Service: Fase III



## Virtualization Journey

# La Virtualization es YA el Modelo De Facto



Source: IDC

# IT as a Service

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IT as a Service = Optimización de la  
*producción* de TI  
para el *consumo* TI





Segment	Segment Desc 2	Type	Beginning Balance Debit	Beginning Balance Credit	Debit	Credit	Ending Balance Debit	Ending Balance Credit
7440	Change and Station	E	0.00	1,000,000.00	0.00	1,000,000.00	0.00	1,000,000.00
7450	Telephone Expense	E	0.00	0.00	1,000,000.00	0.00	1,000,000.00	0.00
7455	Postage	E	0.00	0.00	800,000.00	0.00	800,000.00	0.00
7460	Equipment Expense	E	0.00	0.00	1,400,000.00	0.00	1,400,000.00	0.00
7465	Lease Expense	E	0.00	0.00	600,000.00	0.00	600,000.00	0.00
7470	Salaries	E	0.00	0.00	2,500,000.00	0.00	2,500,000.00	0.00
7475	Car Rental	E	0.00	0.00	300,000.00	0.00	300,000.00	0.00
7476	Accommodation	E	0.00	0.00	1,200,000.00	0.00	1,200,000.00	0.00
7480	Meals	E	0.00	0.00	470,000.00	0.00	470,000.00	0.00
7485	Maintenance	E	0.00	0.00	22,000.00	0.00	22,000.00	0.00
7490	Interest Income	R	0.00	0.00	0.00	41,500.00	41,500.00	0.00
7495	Interest Expense	E	0.00	0.00	2,000,000.00	0.00	2,000,000.00	0.00
7500	Dividends from Corp	E	0.00	0.00	0.00	0.00	0.00	0.00
7510	Company Salaries	E	0.00	0.00	0.00	0.00	0.00	0.00
7540	Company Loans	E	0.00	0.00	10,000,000.00	0.00	10,000,000.00	0.00
7545	Unallocated Energy Ex.	E	0.00	0.00	26,470,000.00	0.00	26,470,000.00	0.00
8100	Manufacturing Inv.	A	510,300.00	0.00	0.00	0.00	510,300.00	0.00
8105	Manufacturing Exp.	A	0.00	490,000.00	0.00	0.00	490,000.00	0.00
8110	Manufacturing Inv. CE	E	0.00	0.00	15,270,000.00	0.00	15,270,000.00	0.00
8115	Manufacturing Exp. CE	E	0.00	100,000,000.00	0.00	0.00	100,000,000.00	0.00
8120	Manufacturing Inv. CE	E	0.00	0.00	0.00	0.00	0.00	0.00
8125	Manufacturing Exp. CE	E	0.00	0.00	0.00	0.00	0.00	0.00
			2,790,300.00	2,790,300.00	300,000,000.00	300,000,000.00	2,790,300.00	2,790,300.00



**El Desafío:**  
**Aunar estas realidades en**  
**en un TODO coherente, seguro,**  
**y compliant**

Existing Apps

SaaS Apps



Existing Datacenters

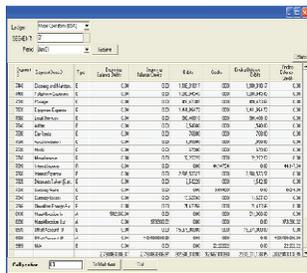


Public Infrastructure



## Reducir OpEx

## Incrementar Seguridad



Nombre	Estado	Tip	Procesador	Memoria	Disco	Red	Almacenamiento	Seguridad	Uptime
VM1	Running	E	0.0	0.0	100.000.000	0.0	100.000.000	0.0	0.0
VM2	Running	E	0.0	0.0	100.000.000	0.0	100.000.000	0.0	0.0
VM3	Running	E	0.0	0.0	100.000.000	0.0	100.000.000	0.0	0.0
VM4	Running	E	0.0	0.0	100.000.000	0.0	100.000.000	0.0	0.0
VM5	Running	E	0.0	0.0	100.000.000	0.0	100.000.000	0.0	0.0
VM6	Running	E	0.0	0.0	100.000.000	0.0	100.000.000	0.0	0.0
VM7	Running	E	0.0	0.0	100.000.000	0.0	100.000.000	0.0	0.0
VM8	Running	E	0.0	0.0	100.000.000	0.0	100.000.000	0.0	0.0
VM9	Running	E	0.0	0.0	100.000.000	0.0	100.000.000	0.0	0.0
VM10	Running	E	0.0	0.0	100.000.000	0.0	100.000.000	0.0	0.0
VM11	Running	E	0.0	0.0	100.000.000	0.0	100.000.000	0.0	0.0
VM12	Running	E	0.0	0.0	100.000.000	0.0	100.000.000	0.0	0.0
VM13	Running	E	0.0	0.0	100.000.000	0.0	100.000.000	0.0	0.0
VM14	Running	E	0.0	0.0	100.000.000	0.0	100.000.000	0.0	0.0
VM15	Running	E	0.0	0.0	100.000.000	0.0	100.000.000	0.0	0.0
VM16	Running	E	0.0	0.0	100.000.000	0.0	100.000.000	0.0	0.0
VM17	Running	E	0.0	0.0	100.000.000	0.0	100.000.000	0.0	0.0
VM18	Running	E	0.0	0.0	100.000.000	0.0	100.000.000	0.0	0.0
VM19	Running	E	0.0	0.0	100.000.000	0.0	100.000.000	0.0	0.0
VM20	Running	E	0.0	0.0	100.000.000	0.0	100.000.000	0.0	0.0

## Aplicaciones Existentes



Foco por la Innovación

# Virtual Datacenters

Apps

VM Name	Power	Procs	Mem	Disks	Network	IP	OS
VM1	On	1024	2048	100	eth0	10.0.0.1	Windows
VM2	On	2048	4096	200	eth0	10.0.0.2	Windows
VM3	On	4096	8192	400	eth0	10.0.0.3	Windows
VM4	On	8192	16384	800	eth0	10.0.0.4	Windows
VM5	On	16384	32768	1600	eth0	10.0.0.5	Windows
VM6	On	32768	65536	3200	eth0	10.0.0.6	Windows
VM7	On	65536	131072	6400	eth0	10.0.0.7	Windows
VM8	On	131072	262144	12800	eth0	10.0.0.8	Windows
VM9	On	262144	524288	25600	eth0	10.0.0.9	Windows
VM10	On	524288	1048576	51200	eth0	10.0.0.10	Windows

Apps

VM Name	Power	Procs	Mem	Disks	Network	IP	OS
VM11	On	1024	2048	100	eth0	10.0.0.11	Windows
VM12	On	2048	4096	200	eth0	10.0.0.12	Windows
VM13	On	4096	8192	400	eth0	10.0.0.13	Windows
VM14	On	8192	16384	800	eth0	10.0.0.14	Windows
VM15	On	16384	32768	1600	eth0	10.0.0.15	Windows
VM16	On	32768	65536	3200	eth0	10.0.0.16	Windows
VM17	On	65536	131072	6400	eth0	10.0.0.17	Windows
VM18	On	131072	262144	12800	eth0	10.0.0.18	Windows
VM19	On	262144	524288	25600	eth0	10.0.0.19	Windows
VM20	On	524288	1048576	51200	eth0	10.0.0.20	Windows

Private Cloud

Nueva

Automatización

Gestión

Cómputo

Almacenam.

Red

Seguridad

# Capacidad de Elección en la adquisición de Infraestructura

## Virtual Datacenters

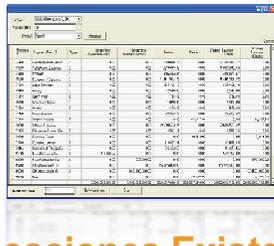


## Secure Hybrid Cloud

# Pero son suficientes las Apps Legacy en la Nueva Infraestructura?



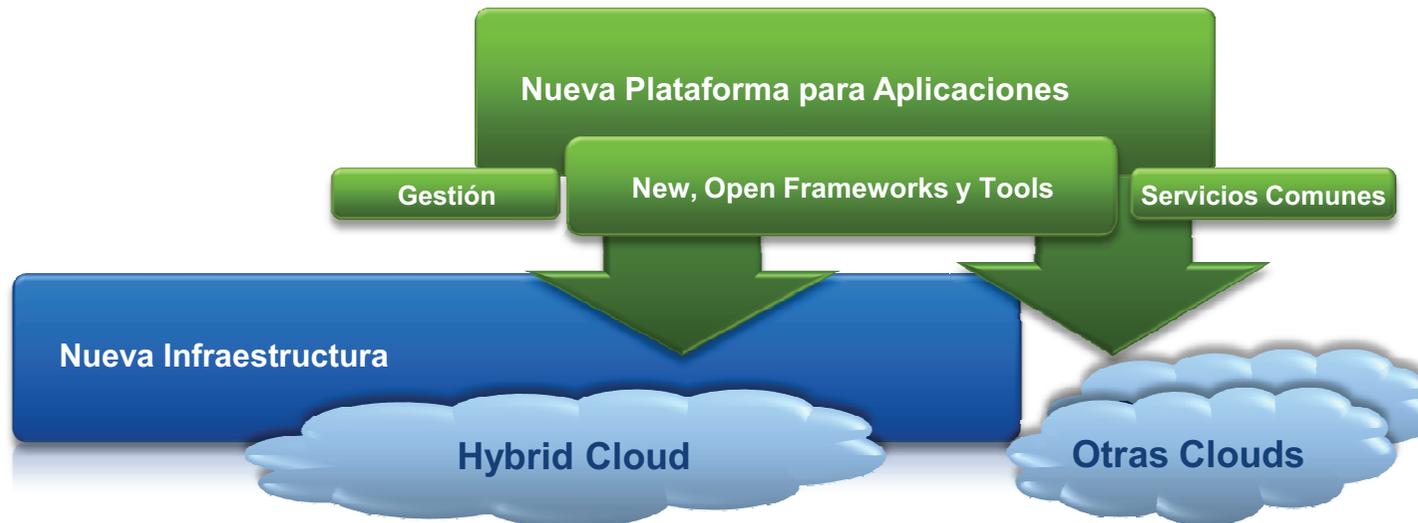
# Otras Clouds?



Aplicaciones Existentes



Nuevas Apps Empresariales



Foco en la Innovación

Nuevo Acceso de los Usuarios Finales

Dispositivos

Acceso & Gestión

Aplicaciones Existentes

Nuevas Aplicaciones

SaaS Apps

Nueva Plataforma de Aplicaciones

Nueva Infraestructura

Hybrid Cloud

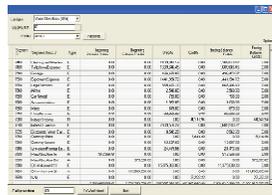
OtrasClouds

# “El Nuevo Stack”

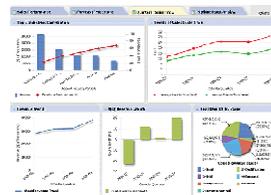
New End User Access

Gestión

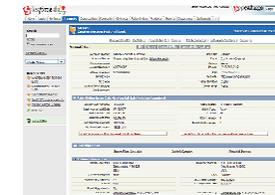
Automatización



Existing Apps



New Enterprise Apps



SaaS Apps

Nueva Plataforma de Apps

Gestión

Automatización

Nueva Infraestructura

Gestión

Automatización



Hybrid Cloud



Otras Clouds

# Soluciones VMware para IT as a Service

## El nuevo Stack TI para Cloud Computing Híbrido: Abierto, Seguro, Gestionable

