

POWER THE DIGITAL ENTERPRISE

Change the Game with HDS solutions for SAP HANA

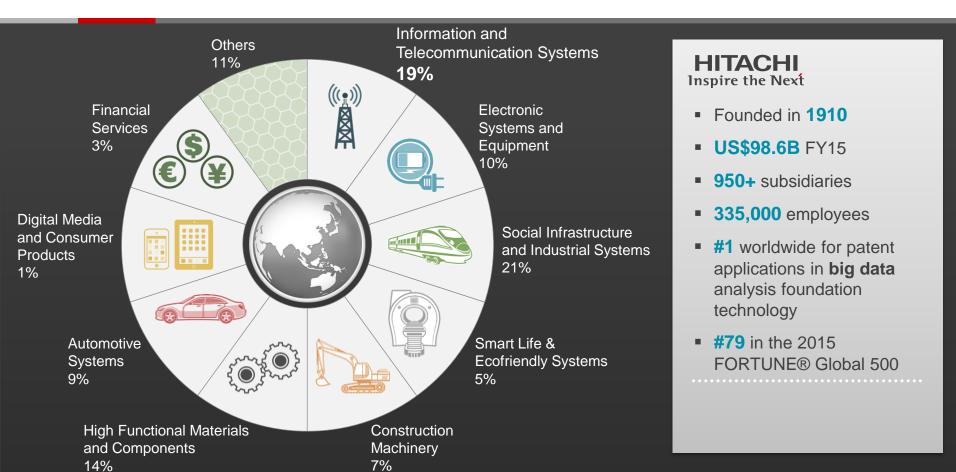
Stefano Locelso Channel & Alliance Manager Italy

October 2016

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Hitachi Group

HITACHI Inspire the Next



We Bring the Vision and Deep Industry Expertise of Hitachi to Your Transformation



SOCIAL INNOVATION

Deliver innovative solutions to global markets by aligning our broad technology capabilities with our vast industry expertise for the enrichment of society.



SYSTEMS

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Hitachi Data Systems Is Ready To Help Your Transformation





GLOBAL EXPERTISE 6,300 Employees



PROVEN PORTFOLIO

#1 High-End Storage Platform (Gartner)

TOP Enterprise Object Store (Gartner, IDC) Blend the best of shared and dedicated on-premises, consumption-based cloud

EFFECTIVE

CLOUD



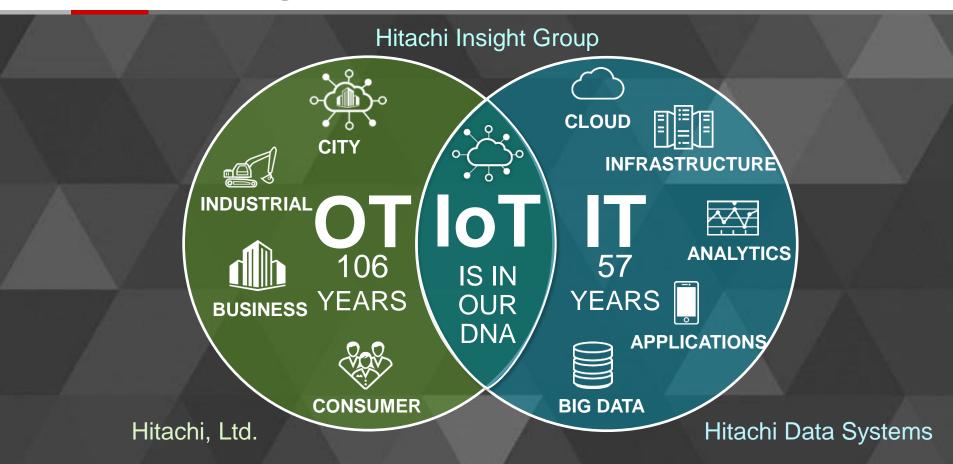
Turn legacy IT into digital advantage with our tiered portfolio of support services:

- Cloud
- Big data analytics
- Data protectionInfrastructureApplication

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100+ Countries

Draw From Hitachi Integration of IT, OT and IoT for Valuable Insights and Outcomes



HITACHI

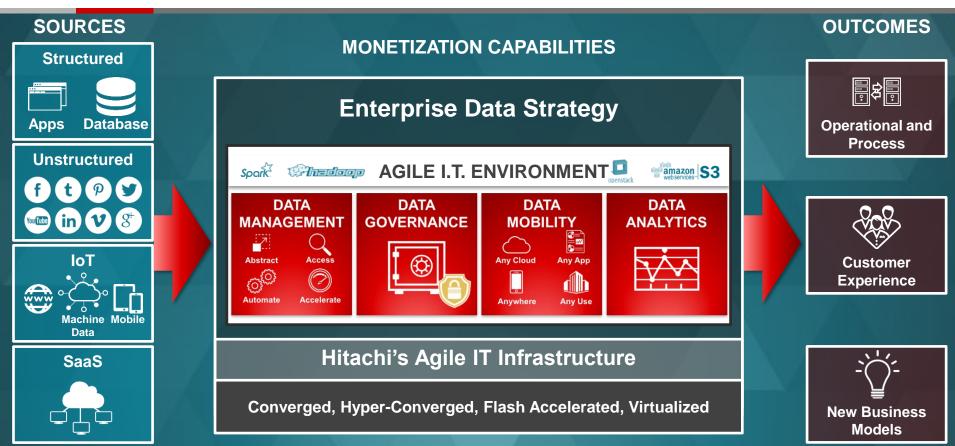
Inspire the Next

DATA FOUNDATION TO ACCELERATE DIGITAL TRANSFORMATION

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Create Business Value With the Right Data Strategy



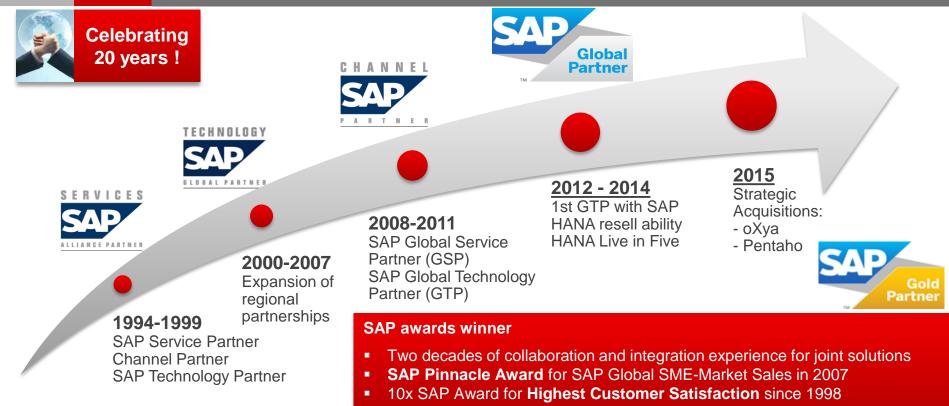




Change the Game with HDS solutions for SAP HANA

Hitachi and SAP Partnership



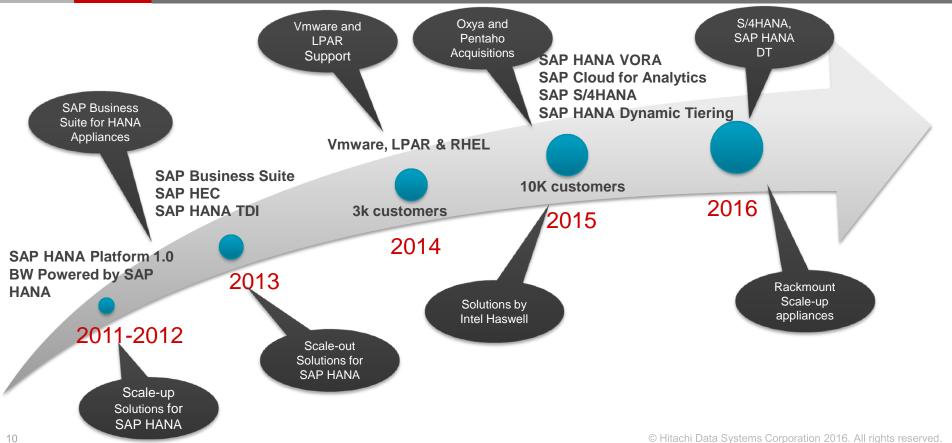


Competency Center at SAP HQ in Walldorf to enhance and develop solutions

9

SAP HANA Platform Evolution with Hitachi UCP

HITACHI **Inspire the Next**



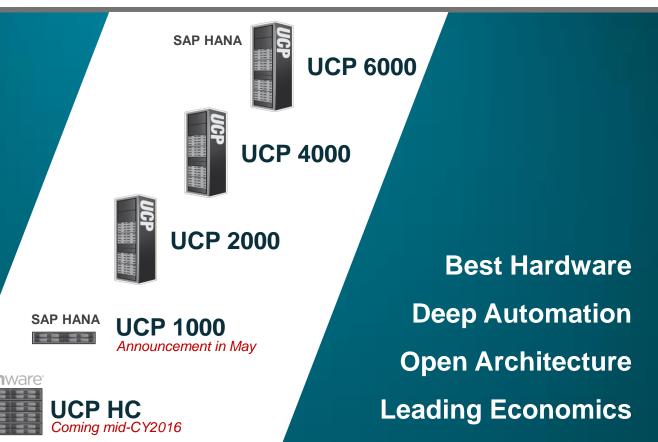
Convergence and Cloud: HDS Is Ready



Hitachi Unified Compute Platform

> Growing Faster Than Market

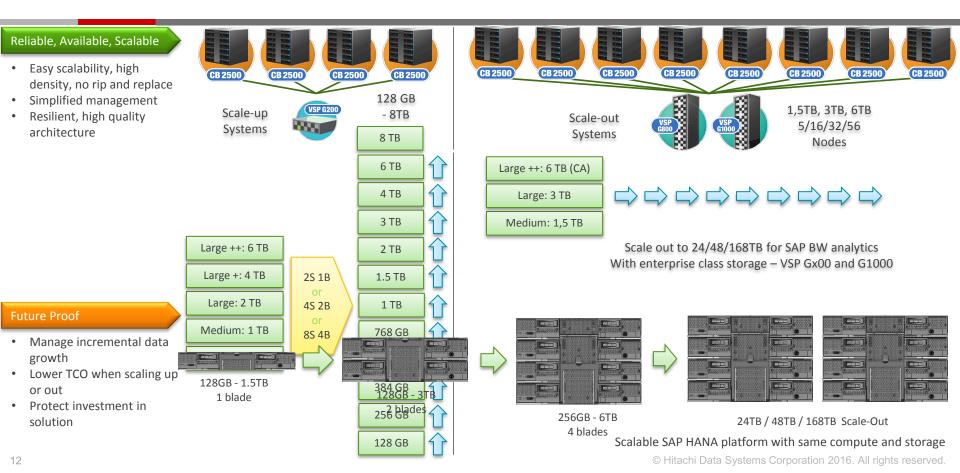
> Big Additions Coming in 2016



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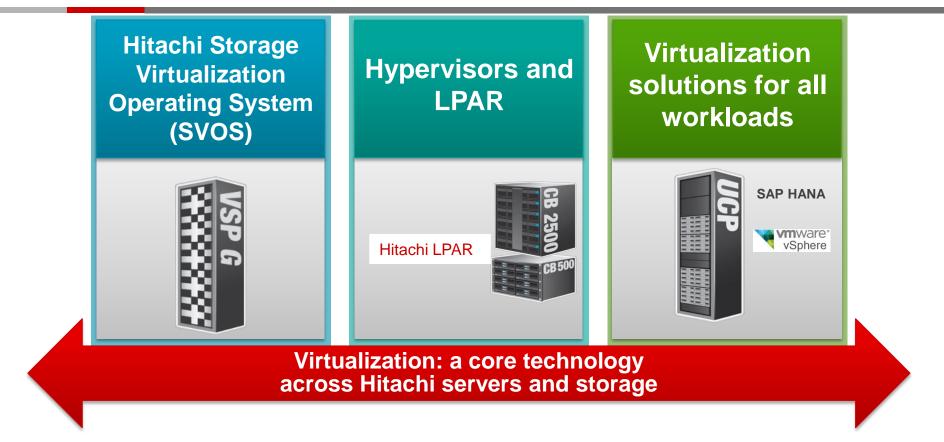
UCP for SAP HANA – Core Hitachi Values





Virtualization is Part of Hitachi DNA





Adding Digital Innovation to Your Cart







ACEA & HDS Enterprise solutions for SAP HANA

Marco Belli Marco.belli@aceaspa.it

October 20th

Datacenter ACEA

Macro numeri

Fisico

- □ 128 Blade HP BL460c Gen9 per VMWARE
- □ 63 Blade Hitachi CB520X per SAP HANA
- □ 2 Cluster HNAS 4060 per NFS share
- 30 Server fisici
- B IBM Power System
- □ 3 Storage HDS VSP G1000 1,35 PByte
- □ 1 Storage IBM DS 8870 170 TByte
- □ 2 Storage NetApp 180 TB
- Backup
 - 1 VTL + 1 TL
 - 2 HDS HUS 130 per Backup SAP HANA
- Virtuale
 - □ 1260 Server VMWARE
 - 953 Windows
 - 307 Linux
 - □ 350 Server LPAR AIX

acea

Infrastruttura SAP HANA per Acea – Data Center





Data Center Ostiense

Infrastruttura Storage:

420 TByte

Infrastruttura DB HANA

- 63 Server Fisici HDS CB520X Ivy Bridge
- 1890 Core in 126 CPU
- 57,5 TByte di RAM

Infrastruttura di Backup:

• 390 Tbyte per Backup Giornalieri/Settimanali e Mensili

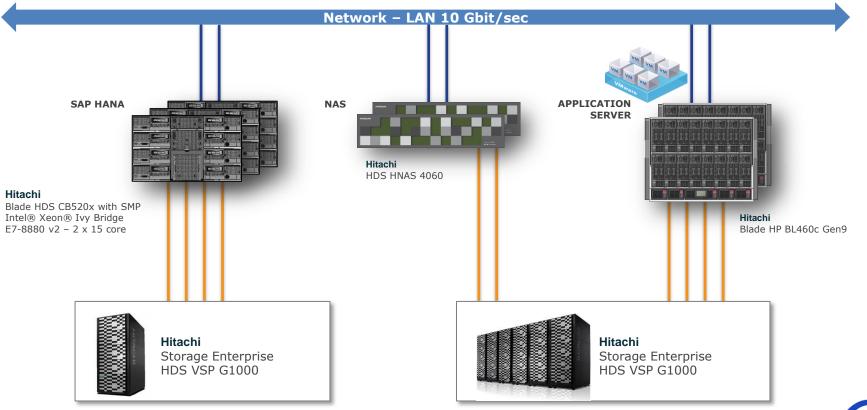
□ Infrastruttura Application Server per Sistemi SAP HANA-Based:

- 32 Server Fisici -> 150 Macchine Virtuali Vmware
- 640 Core per 64 CPU
- 8 TByte di RAM dedicata
- 1.600.000 SAPS erogati



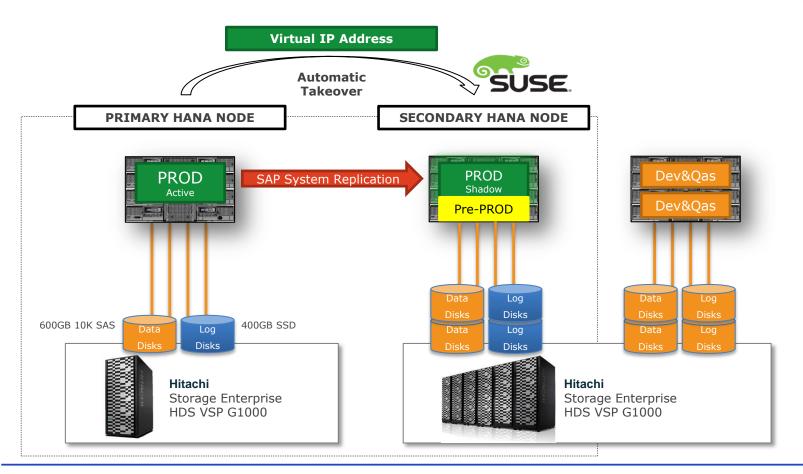
11 Rack (Armadi) dedicati nel Data Center Interconnessione: <u>2 Km di cavi in Fibra Ottica</u> Tempo medio installazione e configurazione: **3 settimane**

Infrastruttura SAP HANA per Acea - Modello TDI



acean

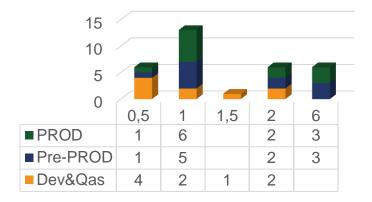
Infrastruttura SAP HANA per Acea - Landscape



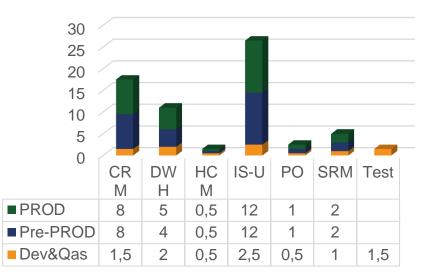
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Infrastruttura SAP HANA per Acea - Landscape

NUMERO NODI HANA



RAM ALLOCATA PER APPLICAZIONE



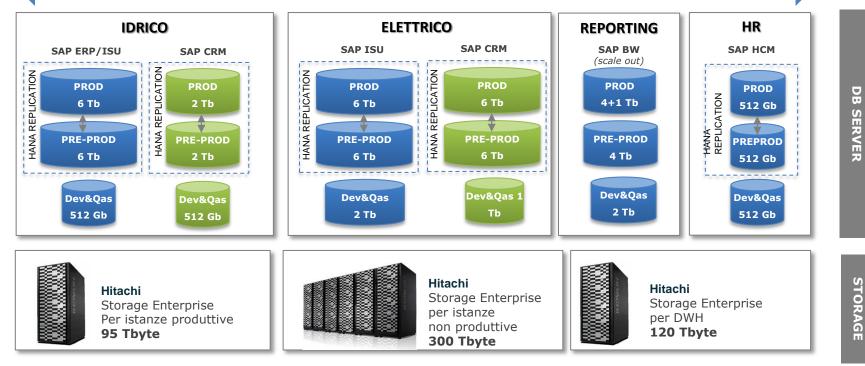
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Infrastruttura SAP Hana per Acea

150 Application Server – Infrastruttura VmWare

APP. SERVER

Network – LAN 10 Gbit/sec





Thank You

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