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Virtual Client Services

The New Reality in Virtual Computing: Delivering Desktops & Applications as a Cloud Service

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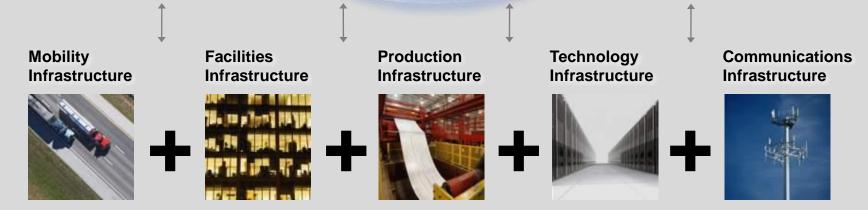
ITS Department Manager

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Infrastructure Needs to Become More Dynamic ...

Business and IT Workloads





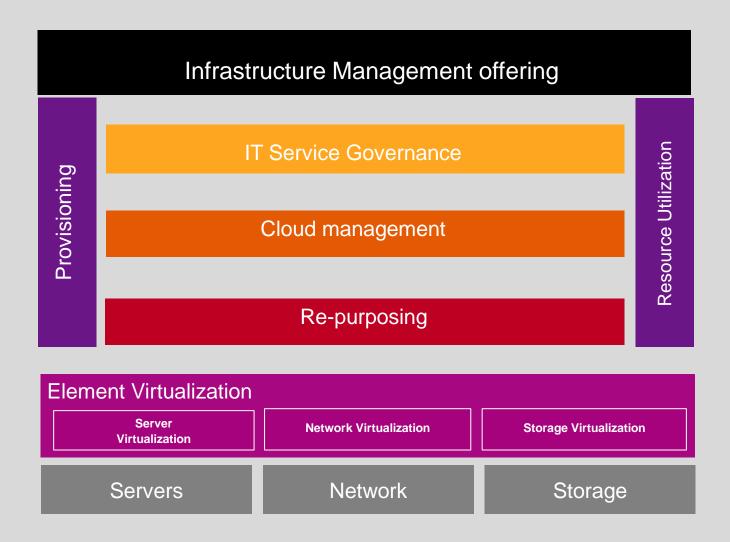
... to free budget for new investment and speed deployment of new capabilities.

The Change Is Coming Fast

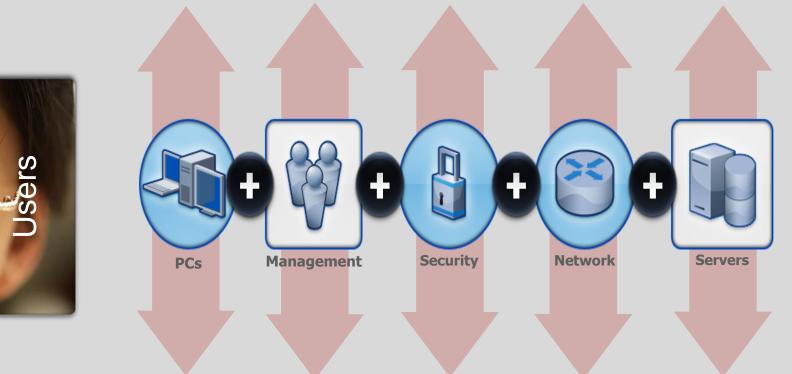
- Private & Hybrid clouds & Public clouds transforming how we think about
 IT
- As a service
- Considerable impact to businesses
- Exploit new economics with confidence
- Clear and logical pathway
- Preserve existing investment in applications and information
- Each step delivers immediate value, and builds for the next



Uni Systems Data Center Transformation Offering



Conventional Approach





New CIO Challenges

Consumerization

"I want to use my iPad!"

Distributed Computing

"Why don't my old apps work?"



Cloud Services

"I want everything in the cloud."

Standardization

"I want to save 5% on PCs!"

Consumerization



Drivers for Desktop & App Virtualization

The Evolving Workplace



Bring Your Own Device

Security



Mobile Workforce

Windows 7 Migration



Branch Office and Mergers & Acquisition

Data Intensive



Reducing IT Operations Costs vs. Increasing Resources to Drive Business Innovations

Expected to Grow to 70 Million Seats in Next Few Years

2/3 of Enterprises Are Deploying Virtual Desktops

Actual Penetration Only Reached 3% in 2011



Client Virtualization Delivery Models

Device-centric

- Restrict devices and locations
- Manage complex, distributed desktops

Distributed Management

People-centric

- Enable virtual work style
- Simplify security and compliance

- Lower cost of desktop ops
- Simplify desktop & app management
- Deliver usagebased services
- Simplify IT support with self-service



Centrally Delivered



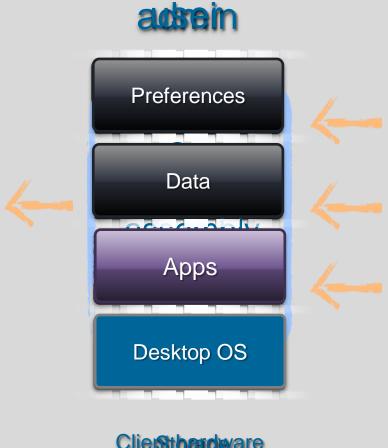
Optimally Managed



Transformed Service

Desktop Virtualization

Separate the layers of the desktop experience



Cliestbardware

Heavy Lifting Kept in the Data Center

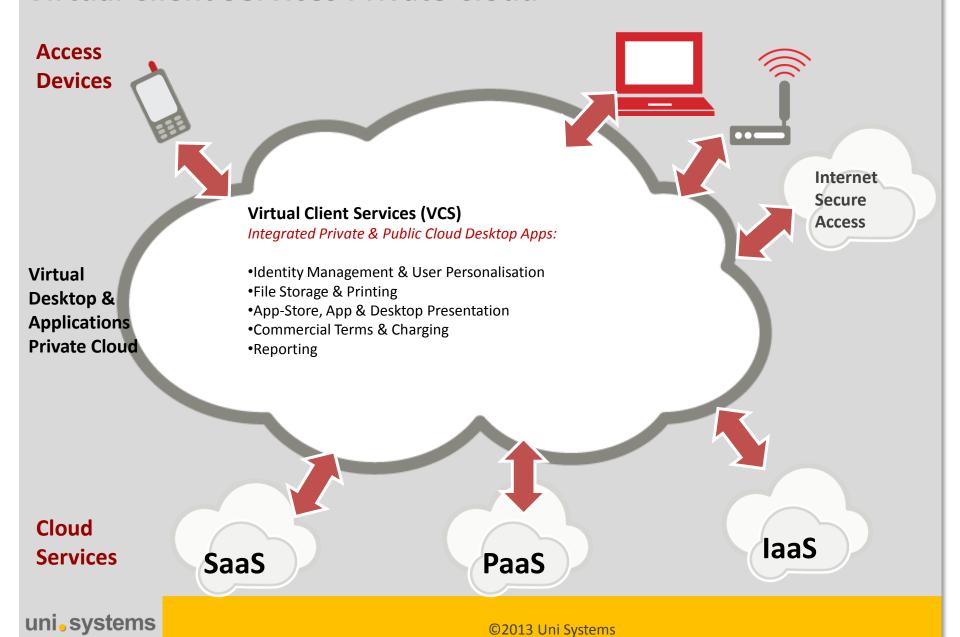




My Device

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Virtual Client Services Private Cloud



Large Market Problem



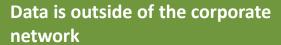
Performance

- different networks
- support of rich media
- data-intense applications



Complex Inflexible Costly

- maintain
- manage
- secure



- different devices
- compliance regulations
- security concerns



Proliferation of devices





















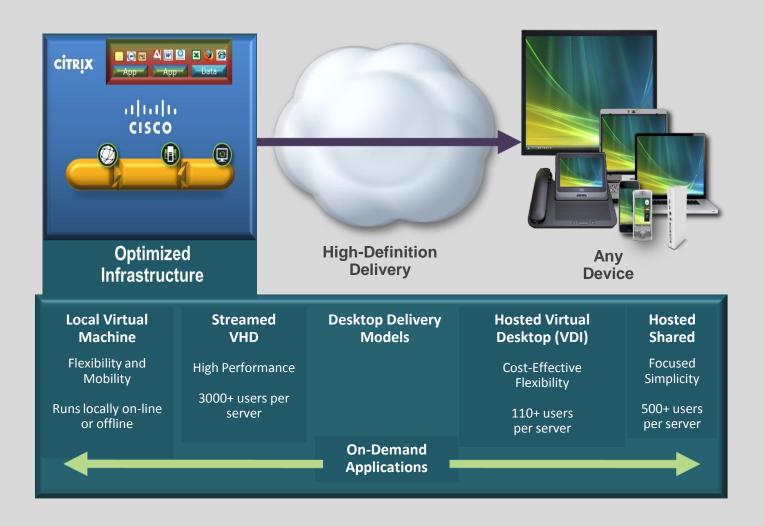




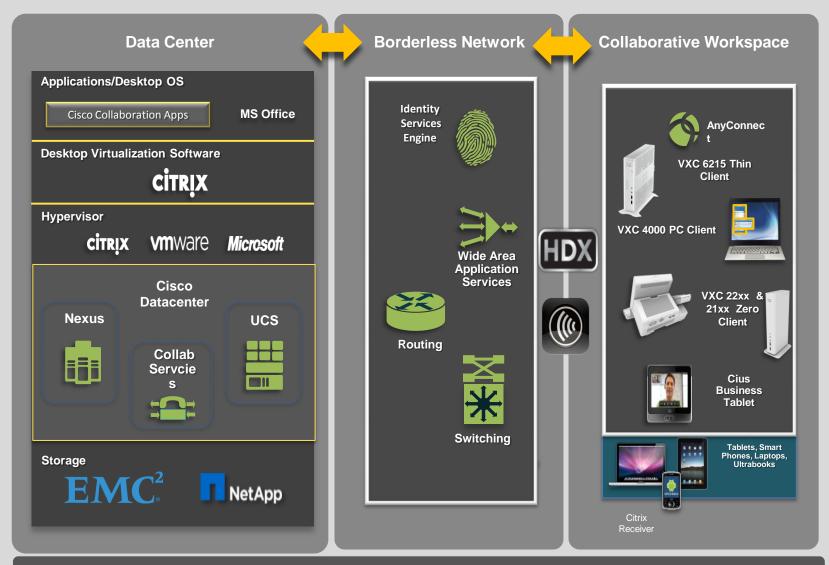
Existing IT infrastructures

- not optimized for desktop virtualization
- limited performance
- low scalability

FlexCast, a Powerful Key Differentiator



Unified Workspace Platform

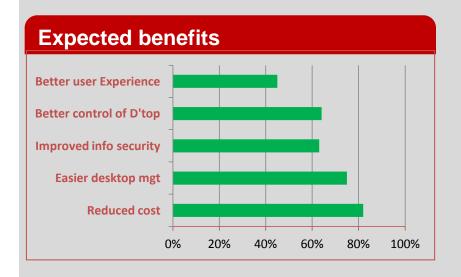


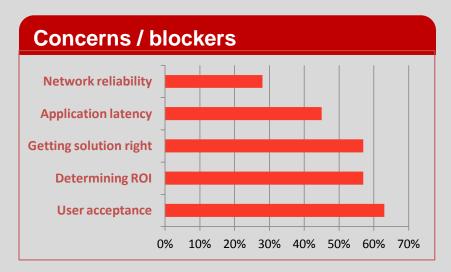
Deploy Once, Access Anywhere, On Any Device

Desktop & App Virtualisation CIO challenge

Benefits well understood, yet...

CIO challenge is about how to make the business case and keep the users onside





Source: Gartner

Our approach delivers a technical solution that provides:

- Wider user adoption and faster deployment
- Improved user experience
- Quicker Return on Investment

Cost Effective Business Agility

Role-based blended service – reflecting user types and service needs

Offline User

- Require the ability to work offline
- Road Warriors



Process Worker

- Using one or few applications e.g. data entry
- LoB applications to carry work in structured manner
- E.g. Clerks, Call Centre, Administration



Knowledge Worker

- Policy and strategy workers
- Senior roles or specific technology functions



Power User

- Requires dedicated compute resource
- May require specific non standard devices
- May be part of a particular needs group



Segmenting users:

- What apps
- What locations
- What devices

Device and location-aware... any time, any device, any where working



Business PC





Business Thin Client



WiFi Hotspot Home Office





Internet Cafe



- Public PC
- Presentation of Windows desktop to device
- Apps streaming based on security policies and device type
- Data held in secure Data Centres
- Seamless user transit between multiple devices
- Simplifying future updates / migrations

Significant Return on Investment

Major Benefits of Application & Desktop delivery

Improves User Productivity Significantly	Extends the Life of Custom Applications
Faster, efficient and zero cost application deployment	Allows Consolidation/Centralization of Remote Office Servers
Extends the Life of Client Hardware and of OS	Centralizes and Simplifies Application Administration
Reduces Testing Complexity for Enterprise Applications	Enhances Security Model to Protect the Telco's Environment
Energy cost saving	Centralization backup
Mobility	Efficient WAN network usage
Business Continuity of all users	Less helpdesk effort (self service password resets, shadowing, etc)

The Business Case Challenge for Financial

Cost Effective & Efficient Client DevicesSupported

Lower Support Costs, Less Laptops, Longer Life, Power Savings

Centralisation of Applications & Data

More Security, Easier to Manage & Evolve, Easier Workplace Recovery

Office Space Optimisation and Consolidation

Hot Desk Model (Without Laptops), Home Working

Flexible Working

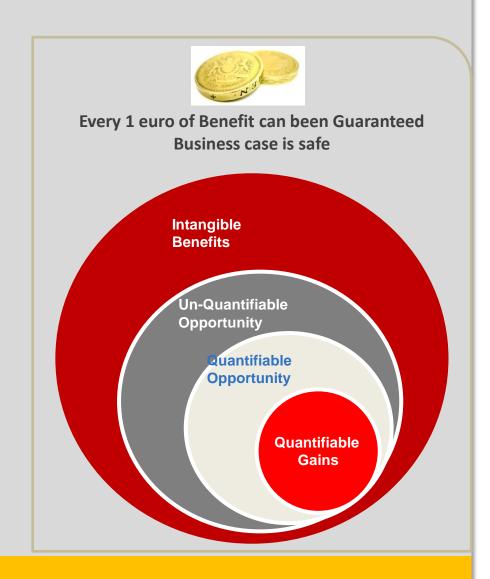
Easier Use of Part Time and Temporary Employees

Home Working

Fuel Savings, Sick, Absenteeism, and Maternity Return Improvements

Own Equipment Use

Gen 'Y' And Above Attraction, Less Resources, Easier Partner Working





Published Desktops

Application Virtualization

Cloud Desktops

Hosted Shared Desktops

Desktops as a Service

Remote Desktop
Services

Uni Systems State-of-the-art Data Center Facilities



- Redundant Power
- N+1 Uninterruptable Power Systems
- N+1 Redundant Generator System
- Ability to handle high density power requirements
- N+2 Cooling
- Multi-Layer Security
- 24x7 On-Site Staffing to Assist with Remote Hands or Installation
- Access to Multiple Carriers

- Environmental Control
- File Detection
- Fire Suppression
- Building Management System
- CCTV
- Access Control
- Physical Security

ISO 9001:2008 ISO/SEC 27001/2005 Cabling TIA 568B



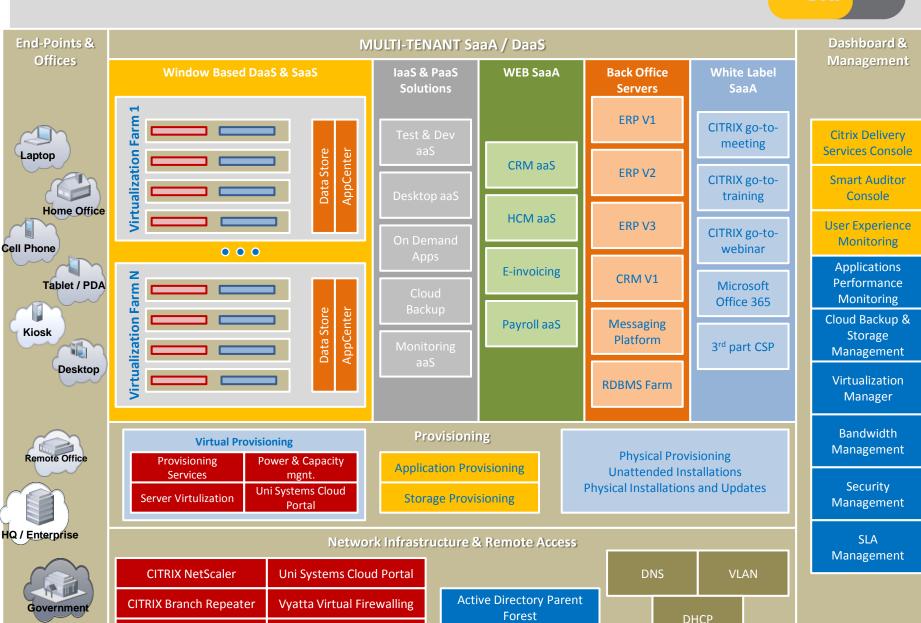


Uni Systems Cloud Architecture

CITRIX Access Gateway

Cloud Backup





Uni Systems Flexible Cloud Offerings



IaaS

- Uni | Workplaces: Test & Development environment as a Service
- Uni | Root: Monitoring as a Service
- Uni | Vault: Backup & Business
 Continuity as a Service
- Uni Desktop: Desktop as a Service
- UNI | Apps: Cloud on demand apps
- UNI On-Board: Cloud on boarding

SaaS

- Uni PAYaaS: Payroll as a Service
- Uni HCMaaS: HCM as a Service
- Uni elnvoicingPaaS
- Uni DBaaS: RDBMS as a Service
- Uni | MaaS: Middleware as a Service

Uni Desktop

Desktop as a Service



- Personal desktops no longer reside on a specific piece of localized hardware (i.e. a desktop PC or laptop) but are instead hosted by Unisystems Dynamic Services and delivered to enterprises
- End-users remotely access their individual desktops from any terminal with an internet connection. As such, Hosted Desktops are far more mobile yet more secure than traditional PCs.
- Complete hosted experience
- Any device, anywhere
- Integrated SaaS apps





Uni | Apps

Cloud on demand apps



Fitting Delivery of Desktop Apps to the Cloud

- On-demand application delivery from the cloud addresses the shortcomings of traditional techniques and tools and accounts for a wide range of other important enterprise objectives
- Enabled by Citrix® XenApp, this ideal combination of capabilities is based on managing applications in the data center and delivering them as an on-demand service to users anywhere using virtually any device including PCs, Macs, Linux, thin clients and smartphones

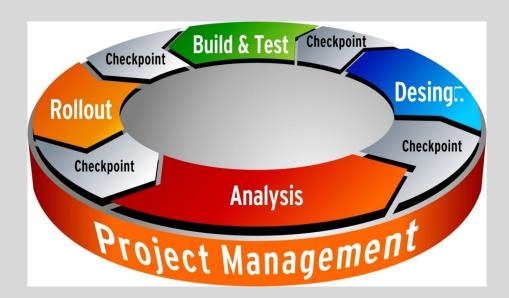




Implementation methodology

Uni Systems together with our Technology Partners can assist you to:

- Analyze your current infrastructure (Server, Desktop & Application Delivery Readiness Assessment)
- Help evaluate the Desktop & Application delivery technology
- Design the new Data Center architecture (end to end)
- Implement, manage and support the new virtual infrastructure



Justify it

Saves
\$\$\$
existing
infrastructure

Aligns
multiple
projects

Increases
Application
Control
Data
Security

Proven Solution with more than 70 M desktops worldwide

Uni Systems implemented

more than 500 customers in Greece & SE Europe and 60K desktops

App & Desktop Virtualization Success Stories

- OTE Group | Cosmote & OTE Shops, Cosmote & OTE Call Centers support for 4 countries, 6K+ users
- Piraeus Bank | 7K+ users
- Cyprus Bank | 2000+ users
- Eurobank | Application virtualization & Thin Branch
- Alpha Bank | Supporting multiple application virtualization access scenarios
- Geniki Bank (Piraeus Group) | Thin branch 2K+ users
- ING | 1200 +users
- NBG, Wind, Comsote | Secure Remote Access solution
- CCHBC | **2K users in more than 15 countries**
- Vodafone, Archirodon, ICAP | 500 + customers, 60K+ users





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