



Government Cloud,
Datacentre consolidation
& Apps store development
‘A perspective ‘

Andy Macleod
Strategy and Policy Public Sector

together we can...

Disclaimer

- This information is sourced from previous presentations by the G-Cloud team and includes publicly available information from the Cabinet Office G-Cloud web site.
- A new ICT strategy has been published and therefore none of the following can be taken as Government policy or strategy.

Agenda

- 1 Programme update
- 2 Update on G-Cloud, DC Consolidation and Apps store
- 3 USA snapshot – will we follow?
- 4 Cisco strategy and support
- 5 Q&A

80% of Cloud opportunities will be private & community



G-Cloud Programme update

- 1** 'New' Government ICT Strategy launched. Implementation plan to be published by Summer 2011!
- 2** Cloud and Datacentre Strategy to be published in 6 months
- 3** Applications Store operational within 12-24 months
- 4** Continued visibility on ICT spend for Cabinet Office – ICT moratorium extended for projects >£5m
- 5** Foundation Delivery Partner programme



What's going on behind the scenes

- 1 Foundation Delivery Partner programme
- 2 Lots of moving chairs -OGC
- 3 Commercial Strategy work on procurement (6 months)
- 4 ERG discussions and MOUs with top 20 + suppliers
- 5 Governance being strengthened

Meanwhile Cloud noise high in the marketplace



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What is today's ICT Landscape – by numbers

- 200K+ servers across PS
- 10,000+ distinct applications
- No aggregation of application demand
- No data mobility between departments
- 130+ Data Centres in central Government
- £16.9 bn approximate ICT spend per annum.
- Potential “G-Cloud” benefit 30% of annual costs.
- Under or over software licensing at a departmental level
- Thousands of DC, and comms rooms across public sector
- Private sector achieves 60% cost reduction through Cloud
- 90,000 servers within central government running at <10% utilisation

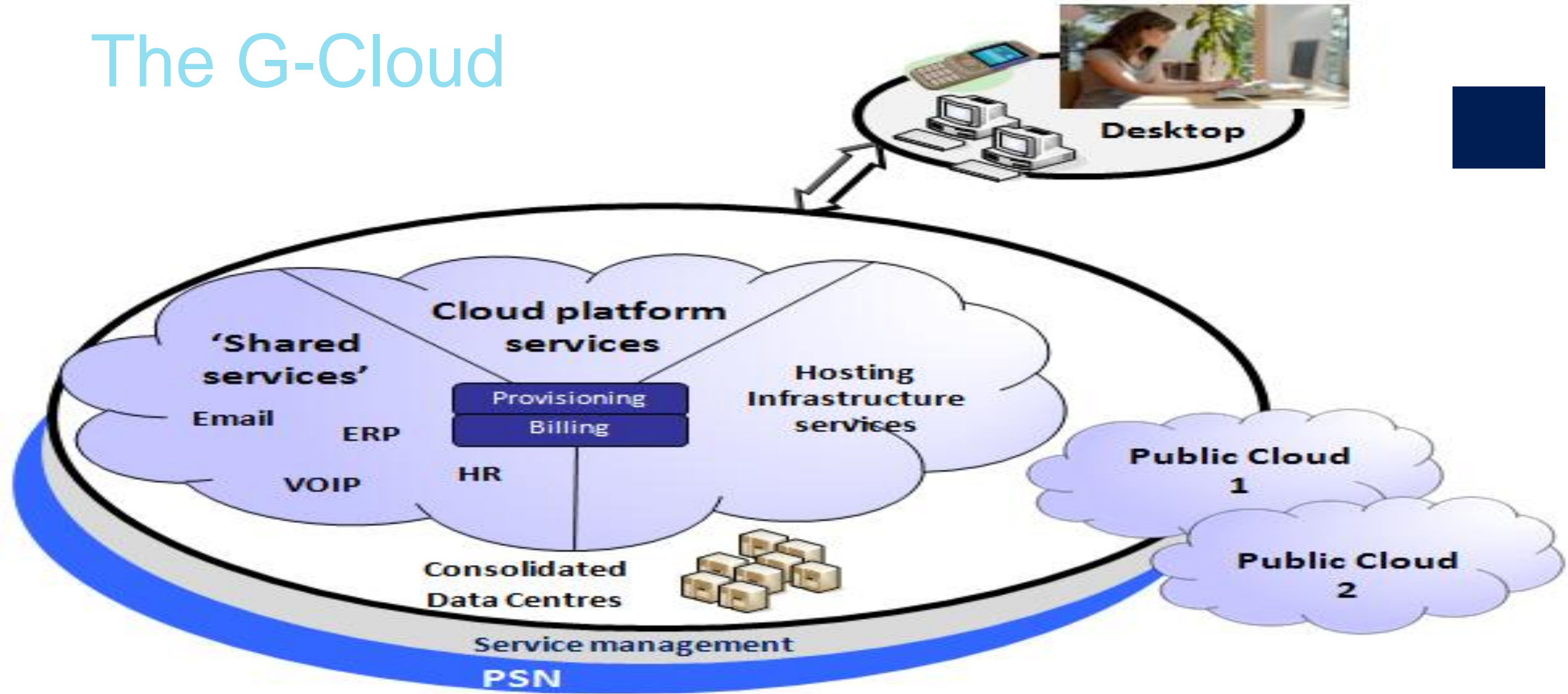
Original G-Cloud headlines

*“The **G-Cloud** brand provides confidence in ICT services you can trust – reliability and security, value for money.”*

*“The **Application Store for Government**- the online marketplace for Public Sector ICT Services.”*

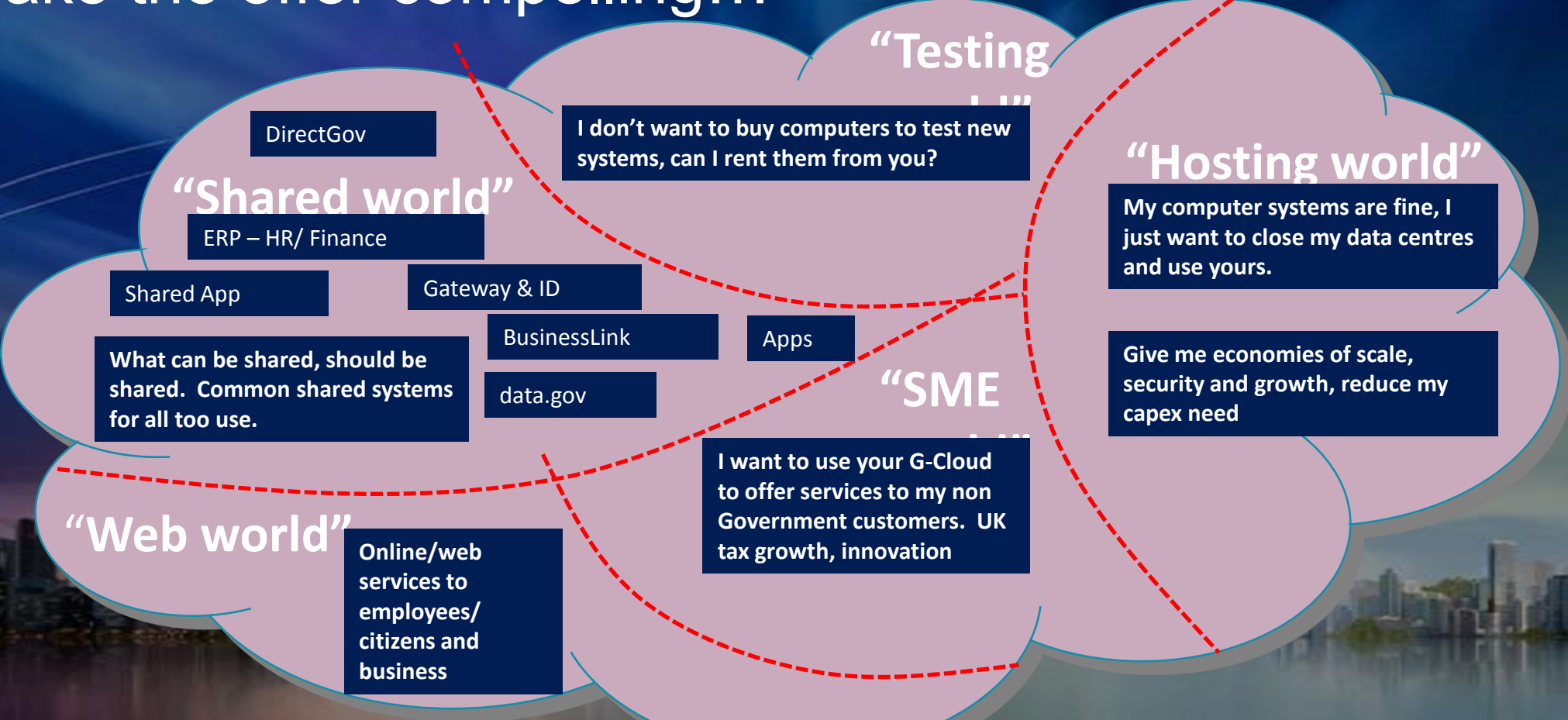
*“**Data Centre Consolidation**: Delivering Public Sector ICT services from the optimum number of high performing, energy-efficient, resilient, and cost-effective”*

The G-Cloud



"The G-Cloud brand provides confidence in services you can trust – reliability, security, value for money, contractual probity, adherence to standards and enables Government together we can... ICT Strategy."

G-Cloud, isn't one thing: It has five "worlds": Hosting, Testing, Sharing, Web, SME. Departments want and need different things so G-Cloud needs to offer them flexibility to make the offer compelling...



What is the Application Store (ASG)?

The ASG will be the federated online ICT Marketplace for Government

- “Find IT, build IT, run IT, share IT”
- Services in the Store will include:
 - G-Cloud Certified ICT Applications and solutions
 - Other ICT Services; PSN, Hardware, Common Desktop, Service Management etc
- Access to a development toolkit



How will the ASG work?

- There will be a Certified Zone and an Open Zone
 - Services in the Certified Zone will have been "pre-procured"
 - Innovation encouraged in the Open Zone
- Products available in a standardised, simple and low cost way whilst maintaining legal compliance.
- Price and Performance Rating will be visible for comparison, promoting competition and service excellence.
- You can search or advertise for new applications and services.
- Services at "Latest Best Price"
 - The ASG aggregates demand/volumes across
 - Pre agreed volume discounts
 - Re-negotiations at significant volume increase



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G-Cloud Certification

- Products procured on behalf of Crown and so fully available
- Completed procurement such that it can be deployed without further competition by anyone in the public sector
- Partial IA accreditation has been completed.
 - Requires further context specific IA for full accreditation
- Standard service management wrappers exist
- Certification achieved through sponsorship of public sector organisation or by a supplier

Data Centre Consolidation

Today

Hundreds of public sector data centres running to different standards;- some at capacity limits, others with unused space.

Goals

- Reduce to an optimum number of modern, resilient, efficient and secure data centres that may also act as infrastructure for the G-Cloud.
- We want to maximise the amount of consolidation to help the Public Sector achieve savings.

End point

Significant Central Government DC reduction – cost 35% within 5 years



“Delivering Public Sector ICT services from the optimum number of high performing, energy-efficient, resilient, cost-effective and standards based data centres”

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Data Centre Next Steps

Our first task is to undertake a comprehensive survey of the existing Data Centres across

Three Data Centre Transformation Projects:-

- Public sector owned Data Centre consolidation
- Supplier owned/operated Data Centre consolidation
- Procurement of new suppliers for Infrastructure as a Service



As Data Centres are consolidated we will look to virtualise existing infrastructure and migrate onto standardised platform, leading to efficient operation of the IT platforms and applications.

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USA Public Sector snapshot

Its moving fast – will we follow?

- 1 'Federal pressure is strong 'Cloud First initiative'
- 2 \$2.5bn framework procurement launched
- 3 SI response to establish private cloud offerings
- 4 Federal – NASA,NIST,Defence,Treasury,Transport,Tax
- 5 Approx 30% of Local State government –
Email/Collaboration/CRM



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Helping our partners invest

Is there a First mover advantage?

- 1** 'Basic requirements – Cost ,Agility and Innovation
- 2** These can be addressed with Hybrid models
- 3** You can build in community centric differentiators and services to support the migration
- 4** Public Sector needs strong security and governance
- 5** It simplifies cost benefit analysis and will shorten the sales cycle and reduces cost of sale

Cultural & political barriers are being challenged from the top





Thank You



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A framework for G-Cloud evolution

A report on accelerating and delivering value through the adoption of cloud computing in the UK Public Sector

- **Data Centre Strategy, G-Cloud & AppStore Programme Phase 2B**

- **A framework for G-Cloud evolution**

- A report on accelerating and delivering value through the adoption of cloud computing in the UK Public Sector

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- Contributors:

- BT

Richard Piatek

- Cap Gemini:

Stefan Piotrowski

- Cisco

Andy Macleod, Clive Read

- EMC

Lee Casey

- Erudine

Adrian Hepworth

- Fujitsu

Prabu Kumar

- HP

Mateen Greenway

- IBM

Steve Strutt, Kevin Malone

- Microsoft

Andrew Townhill