



White Paper

Hosted Desktop (HVDI) Solution Guide



Contact us for more information on our cloud services.

0845 5440 888
www.WeAreCloud.co.uk
Sales@WeAreCloud.co.uk



Introduction

We Are Cloud's Hosted Virtual Desktop Infrastructure (HVDI) solutions are the building blocks of an organisations Cloud network, allowing organisations to place their corporate network into the Cloud and reap cost efficiency and user productivity benefits.

The purpose of this document is to look at in detail some of the key business challenges HVDI can address and the benefits HVDI can bring to organisations in those business situations.

Remote Working/Delivering IT Services to Remote sites

Allow your users to be productive anywhere

The Challenge

Many organisations are looking to Remote Working initiatives to drive productivity upwards and reduce costs. Moreover, they are faced with the challenge of delivering productive IT environments to their users located at remote sites. This is a difficult challenge to IT Departments- how do they deliver a secure, stable and redundant environment while delivering IT infrastructure that a remote worker can thrive in? Many IT departments have had to do with piecemeal solutions such as Terminal Services or VPN access which only solve some of the challenges remote working address.

The Solution

We Are Cloud's Hosted Virtual Desktops Infrastructure solution is designed to be available wherever you have an internet connection – allowing users to have access to all of their data, applications and their company's network whether they are working on the road, at a customer site or from home. Key solution benefits include:-

- **Access to data, applications** – deliver the core business data and applications to remote workers and remote sites exactly as you would to your in office staff
- **Share** – Increase your organisations productivity by allowing them to share data, be it simple file data or data delivered by your powerful business line applications wherever they are.
- **Industry standard SSL encryption** – HVDI user's environments are secure from threats
- **Turn off HVDI sessions** – Keep control of your corporate data in the event of theft or loss
- **Deliver full Windows 7 Environments, not Server sessions** – unlike Terminal Services or Citrix, We Are Cloud's HVDI solution provides a full Windows 7 experience, allowing users to maintain productivity
- **Backed up, Redundant** – Get rid of redundancy and uptime worries a diffuse IT Infrastructure can bring by having a remote working solution that provides enterprise grade redundancy and uptime

Cost Efficiency

Use your IT spend more effectively

The Challenge

Organisations are looking to IT to increase productivity and gain a competitive advantage over their business rivals. However with the current economic climate organisations must be careful with how they achieve this, or risk cash flow problems and wasteful IT spend which can hinder the growth of their business.

The Solution

The myth of Cloud Computing is that Cloud Services are cheaper than traditional ones. This is a half-truth. Like for like Cloud Computing services are not significantly cheaper in total cost of ownership than more traditional IT services. However they are more cost *efficient* than traditional IT services – delivering better, more productive IT services with less initial outlay with more predictable cost. Key solution benefits include:-

- **More effectively meet IT spend with IT demand** – Never have to plan IT spend to meet future demand by just paying for the IT resources you need, when you need it.
- **Always meet end user productivity demand** – Many users suffer with poor IT with IT department's hands tied because they have spent their IT resources on CapEx intensive projects and cannot justify a big outlay on an upgrade. Free up cash reserves with HVDI's pay as you go model allowing you to more cost effectively scale up and down resources as you need them.
- **Reduce Capital Expenditure** – Save on upfront costs and spend your organisations cash flow more effectively on revenue generating projects by switching to HVDI's pay as you go delivery model.
- **Scale up and down IT resource as you need** – Traditional IT often does not let users reach their full productivity potential because their organisations cannot justify the big spend required to upgrade resources for a short term project. This has led to a 'Make do' approach for IT services. Let your organisation to be more dynamic, by giving them the infrastructure and applications they need on a short term, flexible basis – upgrade IT applications and resources when you need them and downgrade them when you don't.

Business Continuity

Get access to Enterprise Class disaster recovery and backup

The Challenge

Organisations now understand that they need an effective business continuity plan to negate the risk of unforeseen events and disasters. However, small to medium sized business often struggle to have an effective business continuity plan in place, often because traditional IT provides ineffective, complex and expensive solutions. This means that in the event of disaster organisations run the risk of losing thousands of pounds in lost revenue and productivity, and in extreme cases IT services going down for days putting the whole company in jeopardy.

The Solution

We Are Cloud HVDI solution is backed with high grade redundancy and availability technologies, meaning your IT Services are always up, available and responsive. Your organisation is safe from the risk of disaster because your IT services have an in built, fully managed disaster recovery plan as standard. HVDI is also backed up daily, meaning if a user deletes a file or suffers a corruption, your users will never lose their work. Key solution benefits include:-

- **Lower implementation and management costs** – Cut cost of IT Business Continuity by using a standardised, fully managed service
- **Get access to enterprise class disaster recovery** – HVDI is backed by enterprise class disaster recovery technologies – Services reside in state of the art datacentres and use many different IT techniques to ensure your IT services are always live
- **Backup and Recovery** – Discontinue ineffective and burdensome backup techniques such as tape and optical drives as HVDI is backed up as standard
- **Build a companywide Business Continuity plan** – Build continuity plans for companywide situations such as local office internet going down, fire or flood by using HVDI's access from anywhere capabilities and sending users to a contingency site or home.

Improving Productivity

Allow your users to get the most of your IT Services

The Challenge

In the tough current economic climate organisations are looking at IT for ways to improve the productivity of their workforce and gain a competitive advantage in their market. To achieve this, users need to be able to securely share data, collaborate on tasks and communicate effectively no matter where they are while having IT systems that are available, secure and redundant.

The Solution

We Are Cloud's HVDI solution can place an organisation's whole corporate network into the Cloud, allowing users to collaborate share data and their core business critical applications effectively whether they are spread across sites, working at a customer's office or at home. Key solution benefits include:-

- **Install any application** – Quickly and easily install **almost any** business line application to suit the ever changing demands of your workforce. Install applications on a Hosted Virtual Desktop on the fly, as you would a normal PC, plus deploy complex client/server and database applications to deliver business environments to users no matter where they are.
- **Share files and data** – Access to 'Hosted File Server' allowing users to collaborate and share data quickly and easily
- **Continuous user experience** – No user push back on IT services as HVDI is the same Windows 7 user experience whether they are in the office or out on the road.
- **Total control and security** – Control corporate policy and security by managing Active Directory and Group Policy, lock out users, restrict or grant access to certain applications and data, enable content filtering on web browsing
- **Always up, always working** – Maximize the potential of your workforce by having services that are always up and available, secure in the knowledge that their work is backed up and can be restored on demand.

Maintaining control over corporate network

Ensuring your network is secure and your intellectual property is safe

The Challenge

Organisations are well aware of the potential dangers of a data leak or their network coming under threat from viruses and hackers, with many high profile cases showing the risks involved in such situations. Despite this, many organisations networks are not capable of dealing with such threats, often because managing corporate policy, antivirus, patching and all the other procedures involved is an expensive and time consuming task.

The Solution

We Are Cloud's HVDI solution can take care your corporate network security on a fully managed basis, enabling you to save time and money. HVDI is also very flexible, enabling you to build your HVDI network to meet your organisation's corporate security needs. Key solution benefits include -

- **Antivirus provided as standard** – Ensure your users have a secure working environment with Antivirus provided on a fully managed basis
- **Managed patching** – Ensure you are continually protecting yourself from the latest threats with fully managed Windows patch management for HVDI
- **Protect from data leaks** – Lock down Hosted Virtual Desktops whenever you need to protect from lost laptops etc.
- **View log data** – See who is accessing your network, when and where
- **Industry standard SSL encryption** – HVDI users environments are delivered securely over public internet
- **Active Directory and Group Policy Control** – Control how users interact with your hosted corporate network, restrict access to data and applications, restrict user's ability to take data from their Hosted Virtual Desktop.

Hardware refresh

Making the most of out of your IT hardware investment

The Challenge

IT Hardware for both Desktop and Server environments is expensive and not very long lasting. Most organisations have to refresh their IT Hardware, both Desktop and Server wise, every 3-5 years. For the small to medium sized business this means thousands and thousands in capital expenditure for a product with a low usage life coupled with a depreciating asset on the balance sheet.

The Solution

You need some form of Hardware, be it Desktop, Laptop, Thin Client or IPad/Tablet to access your HVDI. However the HVDI only uses the hardware as an access device; meaning HVDI needs very little hardware power and resources to function correctly. The benefit of this is that HVDI can extend the lifecycle of the Desktops you were about to replace, saving your organisation thousands in capital expenditure. Key solution benefits include:-

- **Extend the lifecycle of your existing desktop environment** – Save thousands by not refreshing your hardware and repurposing it to become connection points for HVDI
- **Cut capital expenditure** – Spend your valuable cash flow instead on revenue generating projects, allowing you to grow your business
- **More flexible IT** – Make your IT services match your user's resource demand by scaling up and down IT resource as your organisation dictates.



Contact us for more information on our cloud services.

0845 5440 888
www.WeAreCloud.co.uk
Sales@WeAreCloud.co.uk

