

G-Cloud Framework Services

Service Definition Document

CLOUD
SUPPORT

MIGRATION OF LEGACY APPLICATIONS TO
THE CLOUD FOR PROVISION TO ANY DEVICE



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Service Overview

Any Application, from any Platform, to any Device. Provisioning of your Legacy applications on a secure and supported Microsoft OS, irrespective of 16 or 32 bit compatibility, until you need them to be retired. Cloud, Hybrid or on premise depending on your requirements, rentable solution.

This APPtechnology Service uses Glassware 2.0 TM to containerise legacy windows applications (16 or 32 Bit) originally designed for Windows 95, XP, Vista or Win7/8 and Cloud host them using a fully supported Server 2012 64 Bit platform, thereby removing the issues associated with running unsecure and unsupported physical or virtual windows OS on premise or in the cloud.

Applications with legacy components or plugins such as old databases, or routines targeting older application suites, are available via these services, provisioned from the cloud to any target device, with no compatibility or redevelopment spend.

APPtechnology use your existing media and software configuration and provision your legacy applications on an Azure based platform, leveraging the Glassware Solution. Once implemented you can use our technical enablement services to manage the application provision and to bring further applications under management.

The Solution can be private cloud, hybrid or fully hosted on Microsoft Azure platforms, and applications are supplied to the end user in a seamless method. In effect users will experience the application as if it was being run from their previous legacy OS, with a single icon and seamless window integration with the machine they are working on.

Users can interact with their Legacy Windows applications on any device; Windows, Android and iOS have a local client which moves some processing power to the user's device, however any device that supports HTML5 or Java in a browser can be used without a local client component.

Glassware replaces the Windows processes responsible for the desktop with a proprietary containerization service that enables desktop applications to run without the underlying desktop. Replacing these Windows services with Glassware significantly reduces the overhead imposed by running Windows desktop, increasing the number of sessions a single server can run. It also contributes to improved security by reducing the attack surface that malware might attempt to exploit – malware written to attack explorer.exe for example, is powerless on a server that does not run explorer.exe. Together this makes it possible for a single Glassware appliance to deliver as much as five times as many individual application

sessions than can be achieved with alternative solutions, thereby reducing the physical and cloud server costs dramatically.

Glassware Overview

Glassware 2.0 allows the containerisation of legacy applications (including multiple interactive applications and plugins) within a small selective OS kernel, and allows the provision of these applications to any device from secure and in support systems such as Svr2012.

APPtechnology implement and administer your solution, including the design and implementation of your production solution. Multiple applications can be hosted in the system, with the pricing model flexing based on the maximum number of concurrent users. APPtechnology enablement services can be used to bring additional applications under management and provision.

In doing so this Hybrid or Cloud solution addresses the following Issues:

Compatibility – Solution covers 16 and 32 bit Windows applications from Win 95 to Windows 7, and Server 2003 onwards.

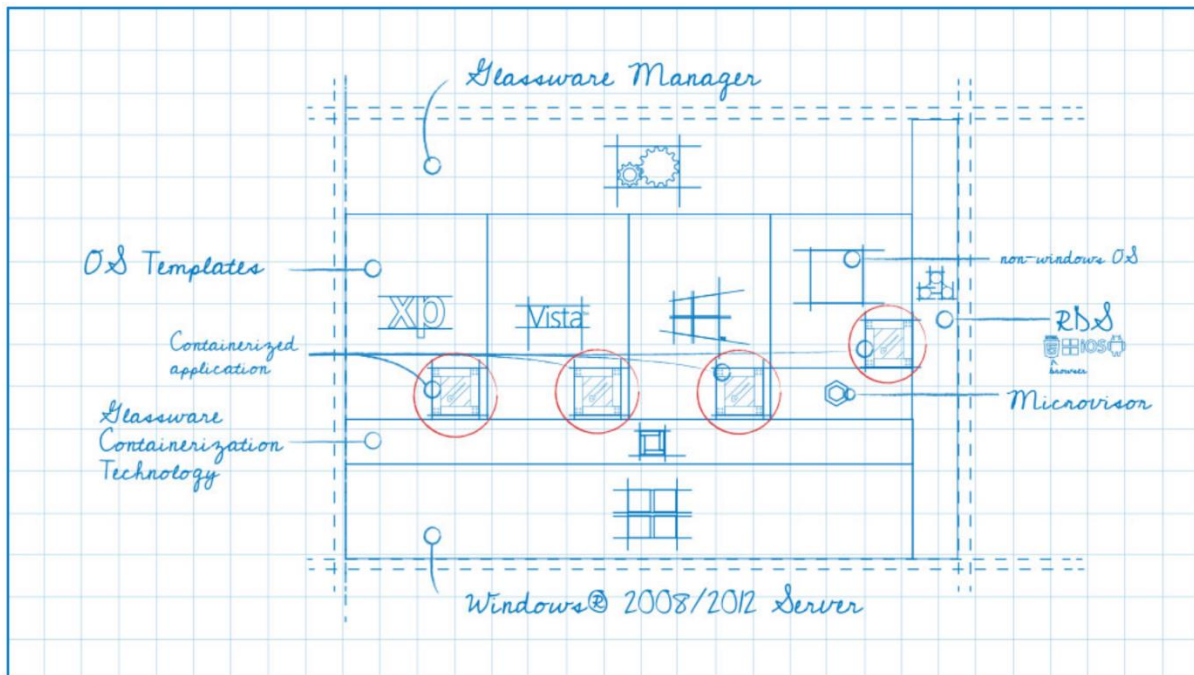
Security – Applications cannot make changes to the host OS and jeopardise system integrity.

Server Density – Other virtualisation and host solutions have a lower user per server ratio, as for instance they have to provision an entire Win XP OS and application (with suitable ringfencing to overcome the non-supported nature of the OS). The Glassware solution containerises only the minimal OS kernel elements that the application needs to function, reducing the actual provisioned layer and dramatically increasing the user to server ratios for provisioned applications.

Continuity – Glassware allows the seamless transition of running applications to additional hosts on demand.

Any Device – using the Android, Windows or iOS clients Application can be provisioned to any Device. Where these local clients are not relevant applications can be provisioned via Java or HTML5 without the need for any client component.

Featureless Remediation – Glassware removes the need to spend development budget on uplifting legacy applications. Typically this spend is limited to achieving compatibility, and achieves no feature uplifts, as well as potentially creating two different development streams, the uplift for compatibility having to run alongside the next version features development.



Design and Implementation Service

APPtechnology's design and implementation services are based on the SFIA definitions for Ensure / Advise. Under NDA, and in collaboration APPtechnology will collate all of the legacy application data required and undertake the following steps:

Confirmation

Confirm the suitability of the overall services for the secure provisioning of your legacy application to any device. In extremes, for instance where hardware dongles are required to be present on the users machine, and this cannot be simulated using licensing servers or alternatives, then there may not be a suitable hosted solution that can be achieved.

POC

Taking the legacy application APPtechnology will demonstrate the application being hosted in a life like (non Production) environment for user signoff.

Design

Designing the process and solution to take your legacy application and, using Glassware and APPtechnology's services, provision this securely to your users. This may include single sign-on integration if available in a "close" system by means of Azure virtual private network or co-hosted AD.

Design will also cover the specification of any hosted (Azure) or physical (for hybrid) systems that will need to be provisioned.

Production

The containerisation and provision of your legacy application on the identified hosted system, to your users, for signoff.

Administration

The ongoing administration of your Glassware system, and providing the technical capacity to bring additional newly identified applications under management, using enable resources as per the SFIA definitions.

Training

APPtechnology can train your administrative users to administer the system and give the ability to containerise new applications.

Support Options

Software Support is available in either 9 to 5 or 24/7 options (Silver or Gold Support).

If a Hybrid solution is required (or on premise) then there are similar 9 to 5 or 24/7 hardware maintenance and response options available, which would be detailed in the Design engagement.

Administration Support Service is available 9 to 5.

Technical Requirements

The provision of hardware is not within the scope of G-Cloud, but APPtechnology will work with customers during the Design phase to define relevant hardware sizing needs for your preferred cloud services provider.

Exit Costs

Provided that the services terminate at the end of an agreed term, in line with the terms and conditions, there are no specific exit costs.

Invoicing

The solution will be invoiced at point of going live. All costs for the next 12 months will be invoiced. Subsequent periods will be invoiced to cover the next 12 months.

All prices exclude VAT

About APPtechnology

APPtechnology provide application lifecycle solutions into Enterprises across Government, Financial, Retail and Banking sectors. Our combination of software and professional services lowering the costs and time to make applications available to end users. We're based in London so we're close to our clients and offer a sensible balance of on-site and off-site capabilities.

Contact Details

Question related to minimum order values, design and implementation costs and other technical questions related to the Service should be addressed to:

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