

# Winfrasoft Gateway Appliance

running Microsoft IAG 2007

Technical Datasheet

Winfrasoft.



## Gateway Appliance

running Microsoft IAG 2007

Microsoft®  
**Forefront™**

Winfrasoft IAG Appliance solution running IAG 2007 (Microsoft Forefront Edge Security and Access) provides mobile and remote workers an easy to use method of accessing corporate resources from any location, using a variety of end-point devices such as kiosks, PCs, and mobile devices, over a secure SSL-VPN tunnel. Microsoft IAG provides the ideal platform for making **SharePoint (MOSS)** resources safe for remote workers.

### Control Access, Protect Assets, Safeguard Information...

- granular and comprehensive policy based application-centric security and controls
- customizable, easy to use browser based clientless secure network and application access
- automated tools for simplified configuration ensuring the integrity of your infrastructure
- malicious traffic blocking with client-side security checks and clean-up for end-point security
- greater asset and access control
- legal and regulatory compliance
- application optimizers

### Winfrasoft IAG Appliance feature highlights...

#### Features

|   |   |
|---|---|
| Microsoft IAG 2007 with Service Pack 2        | ✓ |
| HP Tier 1 Hardware                            | ✓ |
| SSL VPN Portal                                | ✓ |
| Windows 2003 R2 with Service Pack 2           | ✓ |
| Paragon Drive Backup 9.0 Server               | ✓ |
| Microsoft ISA Server 2006 with Service Pack 1 | ✓ |
| Winfrasoft X-Forwarded-For for IIS            | ✓ |
| Upgradable Hardware                           | ✓ |
| Integrated application protection             | ✓ |
| Hardened O/S                                  | ✓ |
| Built-in hardware redundancy                  | ✓ |
| Rack-mountable                                | ✓ |
| Hot-swappable hard drives*                    | ✓ |
| Redundant power supplies*                     | ✓ |
| 64-bit ready hardware                         | ✓ |
| FIPS 140-2 HSM*                               | ✓ |

\*Feature available on specific models only



### Deployment

Winfrasoft IAG Appliances are pre-loaded and pre-configured so you can be up and running within minutes. The underlying operating system, Windows Server 2003 R2, is also pre-installed with the latest service packs and hardened to reduce the attack surface.

### Management

Ongoing management is aided by:

- Restore to default factory image
- Comprehensive monitoring, audit, reporting and alerting functionality
- Auto update notification and upgrade
- Off-box live imaging snap-shots

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i n v e n t



## Winfrasoft Gateway Appliance specifications

| Model                           | IAG3000-HP                     | IAG4000-HP                     | IAG7000-HP                     | IAG9000-HP                           |
|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------------|
| <b>HP Base Model</b>            | DL120 G5                       | DL160 G5                       | DL360 G5                       | DL380 G5                             |
| <b>Form Factor</b>              | 1U                             | 1U                             | 1U                             | 2U                                   |
| <b>Processor</b>                | Dual Core Intel® Xeon® 2.3 GHz | Quad Core Intel® Xeon® 2.0 GHz | Quad Core Intel® Xeon® 2.5 GHz | 2 x Quad Core Intel® Xeon® 3.0 GHz   |
| <b>RAM</b>                      | 2Gb DDR2-800 ECC (Unbuffered)  | 4Gb DDR2-667 ECC               | 4Gb DDR2-667 ECC               | 4Gb DDR2-667 ECC                     |
| <b>Hard Drive</b>               | 1 x 160Gb SATA 7200rpm         | 2 x 160Gb SATA 7200rpm         | 2 x 146Gb SAS 10000rpm         | 4 x 146Gb SAS 10000rpm               |
| <b>Drive Configuration</b>      | JBOD RAID                      | RAID 1 (Mirror) - 2 drives     | RAID 1 (Mirror) - 2 drives     | RAID 10 (Stripe + Mirror) - 4 drives |
| <b>Controller</b>               | Embedded SATA RAID             | Embedded SATA RAID             | Smart Array P400i (256Mb)      | Smart Array P400i (256Mb)            |
| <b>Hot Swap Drives</b>          | No                             | No                             | Yes                            | Yes                                  |
| <b>Front Side bus</b>           | 1333Mhz                        | 1333Mhz                        | 1333Mhz                        | 1333Mhz                              |
| <b>Ethernet Ports</b>           | 2 x 1Gbps                      | 4 x 1Gbps                      | 4x 1Gbps                       | 4x 1Gbps                             |
| <b>Power Supply</b>             | 1 x 350 Watts                  | 1 x 650 Watts                  | 1 x 700 Watts                  | 2 x 800 Watts                        |
| <b>KVM Interface</b>            | PS2 & USB                      | PS2 & USB                      | PS2 & USB                      | PS2 & USB                            |
| <b>64-Bit Ready</b>             | Yes                            | Yes                            | Yes                            | Yes                                  |
| <b>Windows Logo Certified</b>   | Yes                            | Yes                            | Yes                            | Yes                                  |
| <b>Microsoft Windows Server</b> | 2003 Standard R2 SP2           | 2003 Standard R2 SP2           | 2003 Standard R2 SP2           | 2003 Standard R2 SP2                 |
| <b>Microsoft IAG</b>            | IAG 2007 SP2                   | IAG 2007 SP2                   | IAG 2007 SP2                   | IAG 2007 SP2                         |
| <b>Microsoft ISA Server</b>     | Standard Edition 2006 SP1      | Standard Edition 2006 SP1      | Standard Edition 2006 SP1      | Standard Edition 2006 SP1            |
| <b>X-Forwarded-For for IIS</b>  | Yes                            | Yes                            | Yes                            | Yes                                  |
| <b>Paragon Drive Backup 9.0</b> | Yes                            | Yes                            | Yes                            | Yes                                  |
| <b>Software Updates</b>         | Yes                            | Yes                            | Yes                            | Yes                                  |
| <b>HP iLO Management Port</b>   | No                             | Yes                            | Yes                            | Yes                                  |

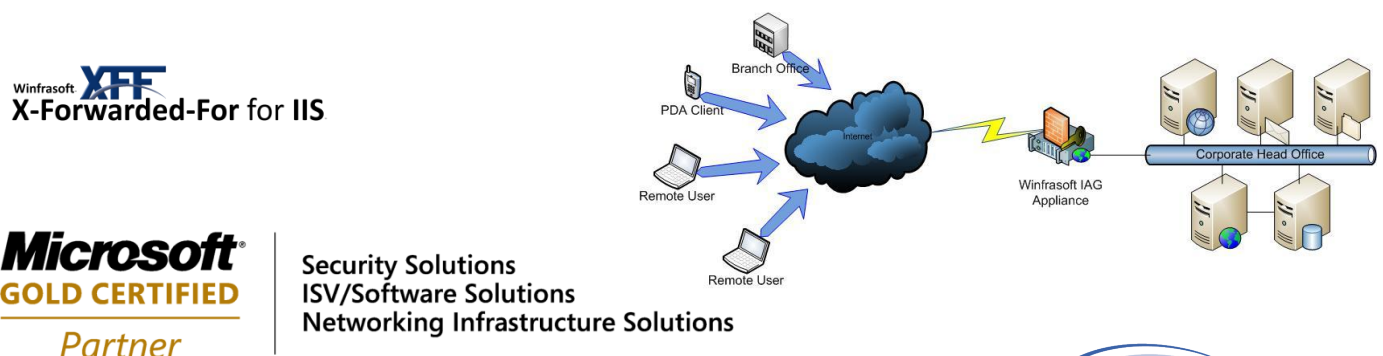
## Microsoft Intelligent Application Gateway 2007

| Control Access  | Protect Assets   | Safeguard Information  |
|---|--|--|
| <ul style="list-style-type: none"> <li>Flexible application-intelligent SSL VPN from virtually any device or location</li> </ul>                  | <ul style="list-style-type: none"> <li>Integration with enterprise infrastructure helps ensure the integrity and safety of network resources and applications</li> </ul> | <ul style="list-style-type: none"> <li>Strong endpoint security management and verification helps ensure endpoint health compliance and session control</li> </ul> |
| <ul style="list-style-type: none"> <li>Differentiated and policy-driven access to a broad range of network, server and data resources.</li> </ul> | <ul style="list-style-type: none"> <li>Adaptable Web application firewall enforces app-specific filtering to protect apps from unmanaged PCs and networks</li> </ul>     | <ul style="list-style-type: none"> <li>More granular control at the browser over users' access to Web and non-Web resources</li> </ul>                             |
| <ul style="list-style-type: none"> <li>Highly granular access and security policy</li> </ul>  | <ul style="list-style-type: none"> <li>Extensive monitoring and logging helps drive policy compliance by tracking user activity and data usage</li> </ul>                | <ul style="list-style-type: none"> <li>Helps meet corporate information usage guidelines through client-side cache cleanup</li> </ul>                              |
| <ul style="list-style-type: none"> <li>Customizable, identity-based Web portal experience</li> </ul>  |  |  |

## What makes the Winfrasoft IAG Appliance unique?

Winfrasoft delivers the world's first appliance solution designed solely to release the power, flexibility and security of Microsoft's SSL VPN solution, Intelligent Application Gateway (IAG), on Tier 1 hardware. Combining Microsoft's Secure Application Gateway solution with the world's most deployed HP server hardware guarantees the highest levels of performance and most scalable IAG solution available today. Our final touch, is allowing you to track and log the originating client's IP address as traffic passes through any upstream proxy/load balancer by using Winfrasoft X-Forwarded-For for IIS.

A new version of IAG, Microsoft Unified Access Gateway (UAG), is scheduled for release towards the backend of 2009 and will include an upgrade mechanism. A pre-requisite for the upgrade process is that IAG 2007 must have service pack 2 installed which all Winfrasoft IAG appliances have pre-configured as standard.



Winfrasoft **XFF**  
X-Forwarded-For for IIS

**Microsoft**  
**GOLD CERTIFIED**  
Partner

Security Solutions  
ISV/Software Solutions  
Networking Infrastructure Solutions

**Winfrasoft**