



OpenMail Anywhere

Secure, Low Cost, Remote Access to E-mail

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Agenda



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1. What is it?

- OpenMail
- OpenMail Anywhere

2. Why do I need it?

3. How do I do it?

What is OpenMail?



◆ **HP's strategic "Business Messaging and Collaboration" solution for UNIX and Linux**

◆ **Uniquely, supports desktops running Microsoft Outlook, including**

- E-mail
- Public folders
- Shared calendar, tasks, etc.
- Wide-area scheduling
- Delegation

◆ **Also, robust internet protocol support and functional web client**

◆ **Scalable, reliable, highly-available, low cost**

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What is OpenMail Anywhere?



◆ **Remote access to e-mail**

◆ **With...**

- **Lowest Cost**
- **Highest Security**
- **Simplest Ease-of-Use**

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Program Objectives



◆ Dramatically reduce the cost of secure remote access to e-mail

- leverage today's easy Internet access worldwide
- reduce operations costs for remote Points of Presence, long distance access and network security management
- reduce security exposure required to provide access to e-mail servers

◆ Deliver OpenMail users flexible, convenient remote access

- eliminate complex access procedures to get e-mail
- no need to carry a laptop just to keep up on e-mail
- leverage Internet-ready handhelds (Palm, Nokia ...)
- easy access public browsers such as from airport Internet Kiosks

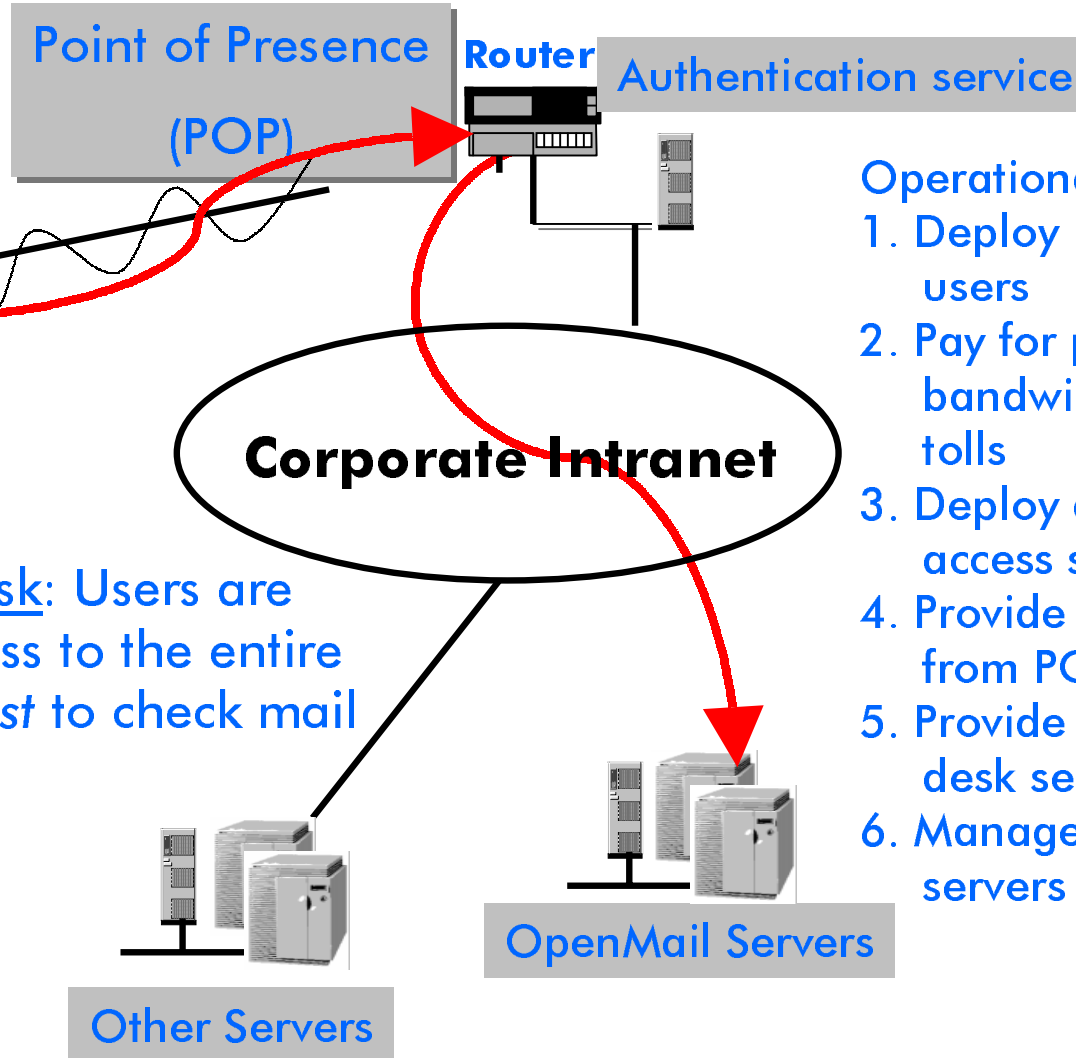
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The Old Way

POPs are Expensive, Insecure



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Security Risk: Users are given access to the entire network *just* to check mail

- Operational costs:
1. Deploy POPs for remote users
 2. Pay for private network bandwidth and long distance tolls
 3. Deploy and manage network access security services
 4. Provide Intranet bandwidth from POP to e-mail server
 5. Provide remote access help desk services
 6. Manage risk to other Intranet servers

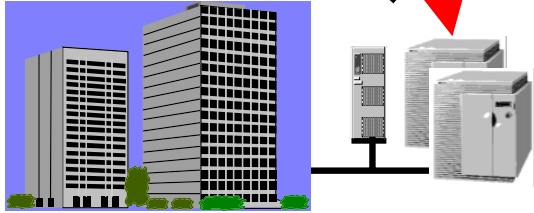
The Old Way

Dial-up is Complex



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Tokens ?
 Passwords ?
 Access Numbers ?
 Credit Cards ?



OpenMail Servers

- User Steps:
1. Dial-up to nearest POP
 2. Authenticate to network
 3. Connect to e-mail server
 4. Authenticate again (?)
 5. Download messages
 6. Work on e-mail

The Internet: A Better Mousetrap



Internet access is easier than standard dial-up processes

- most business and home PCs have Internet access built in
- walkup access points are available to travelers at airports, hotels and business service centers - not to mention WebTV
- personal digital assistants and mobile cellular devices offer web browsers and Internet access out of the box

Browser e-mail is a proven winner with end users

- most free e-mail services are purely browser based
- everyone knows how to navigate a browser and web pages

HP VirtualVault: A Better Mousetrap



◆ **E-mail is by far the primary remote access application**

◆ **VirtualVault secures e-mail access without granting network access**

- users can only login to their own OpenMail mailbox
- users never directly connect to their Openmail server
- users never have general access to the corporate Intranet

◆ **VirtualVault eliminates dial-up network costs, such as**

- corporate-owned Points of Presence and Virtual Private Networks
- 1-800 and long distance toll calls to access the network
- network security management software and servers
- remote access security management staff
- remote access help desk staff

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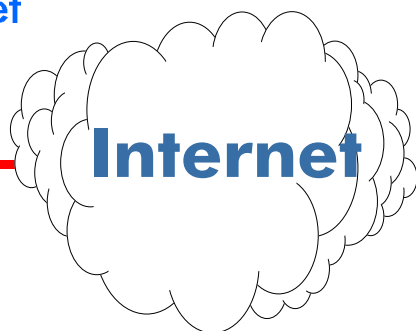
OpenMail Anywhere: Fast, Simple, Available



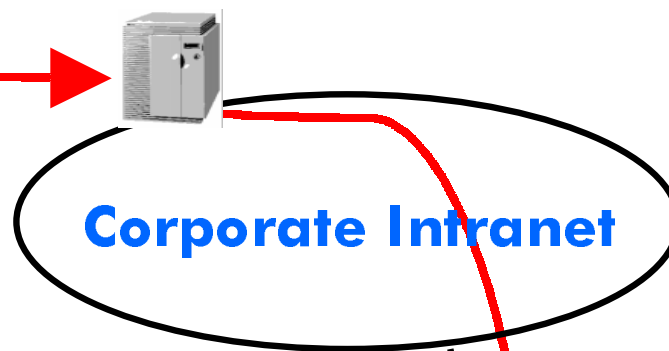
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Internet
Access
(ISP)

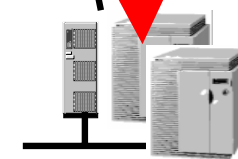


OpenMail Anywhere
Trusted e-mail web
server (VirtualVault)



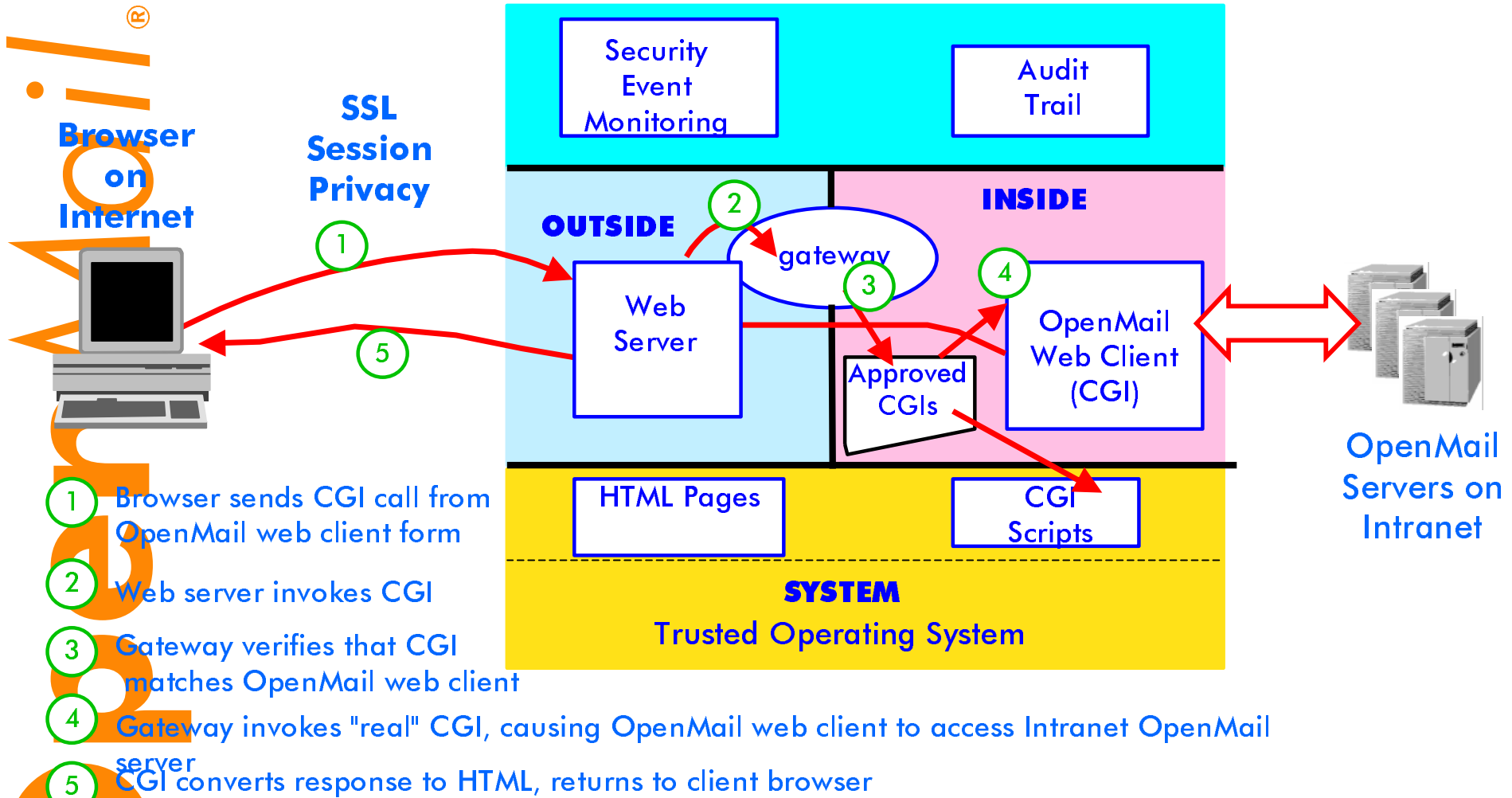
User Steps:

1. Fire up a browser
2. Enter the OpenMail Anywhere URL
3. Enter user name and password
4. Check e-mail



Existing OpenMail Servers

Under the Hood





Sale! 95% Off!

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◆ **Typical chargeback estimates for traditional remote access (not including laptop purchase and support expense)**

- \$500 to \$1,000 per user per year, every year
- per 5000 employees, \$4,000,000 every year
- that's 6 times the cost of e-mail alone*

◆ **Projected costs to support 5000 remote users with OpenMail Anywhere**

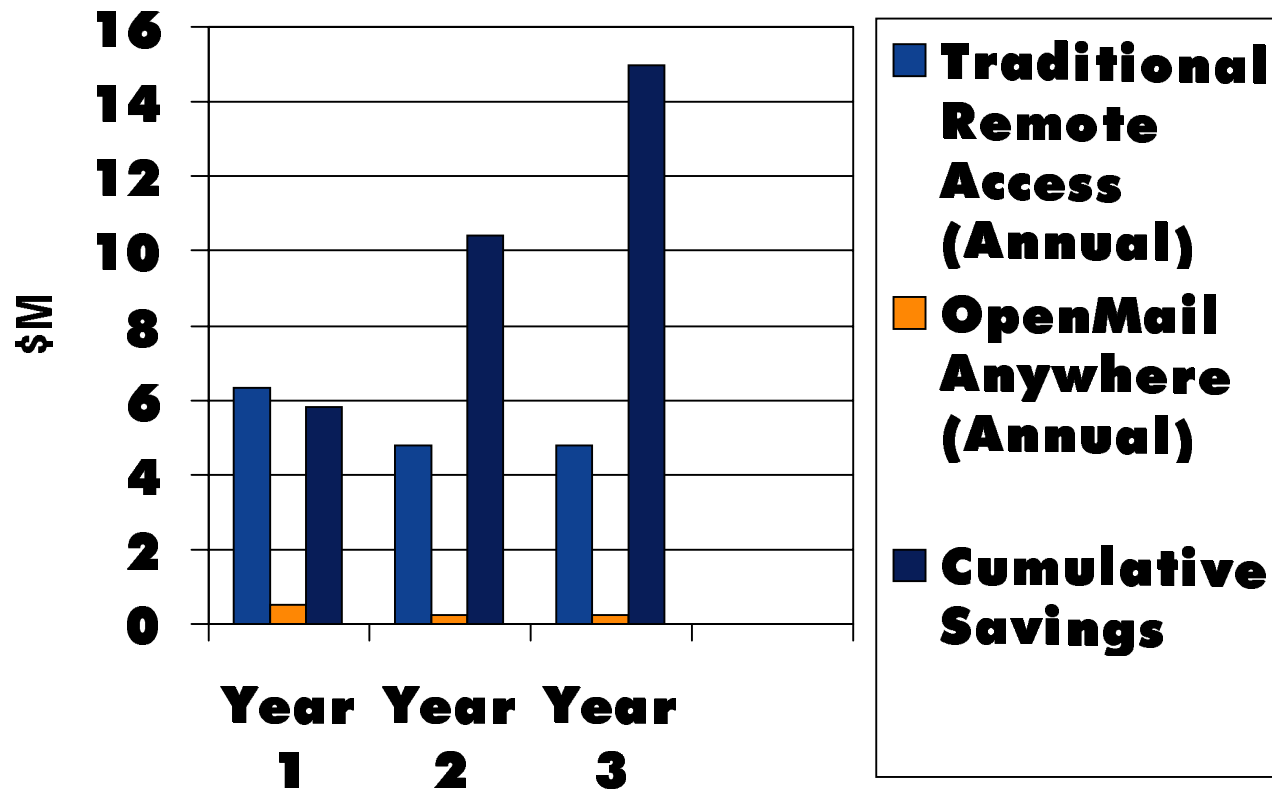
- 1st year costs \$300,000 (VV server + setup)
- Ongoing costs \$200,000 (Internet connection + administration)

*Creative Networks (1998) estimates OpenMail costs \$122 annually per user to deliver

Cumulative Cost Comparison



5000 users for three years
OpenMail Anywhere Saves \$15M!



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Putting it to Work



Access Planning

- Map user requirements to OpenMail network layout.
- Determine location and size of OpenMail Anywhere trusted web server(s)
- Specify ISP bandwidth requirements, authentication model

Deployment Plan

- Define pilot user group based on remote access needs
- Install OpenMail Anywhere trusted e-mail web server(s)
- Link OpenMail Anywhere trusted e-mail web server to OpenMail network
- Run pilot and obtain feedback
- Extend support to all remote users

Services and/or training are available through HP or HP authorized resellers.

For more information



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◆ **OpenMail Anywhere Program**

- factory contact: Al Morgan, 408 447 0971
alex_morgan@hp.com
- <http://www.hp.com/go/OpenMail>

◆ **OpenMail 6.0**

- <http://www.hp.com/go/OpenMail>

◆ **VirtualVault 3.5**

- <http://www.hp.com/go/security>

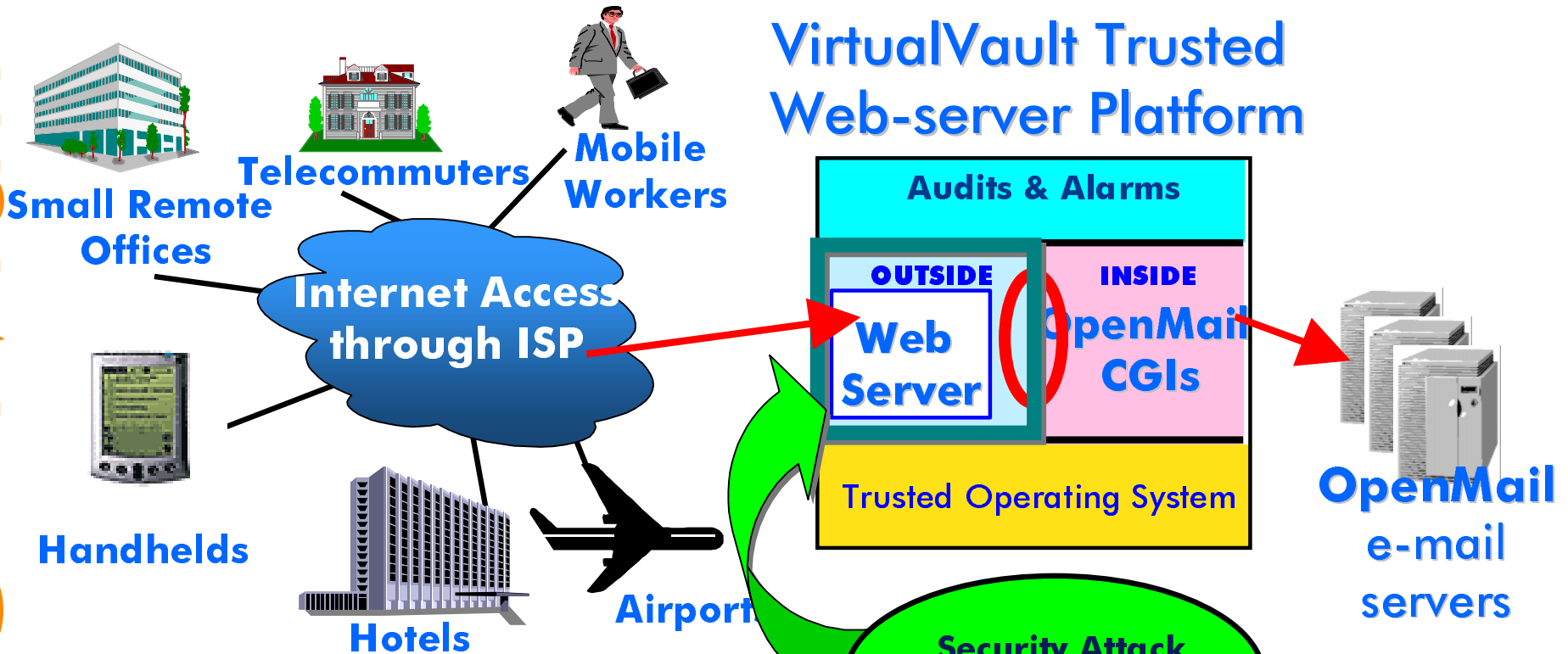
Contact your local HP sales representative or OpenMail / VirtualVault reseller

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Simple, Secure, Low Cost

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VirtualVault Trusted Web-server Platform

- **Lowest Cost**
- **Highest Security**
- **Simplest Ease-of-Use**



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**Business Messaging for the next E.
E-services.**

www.hp.com/go/openmail