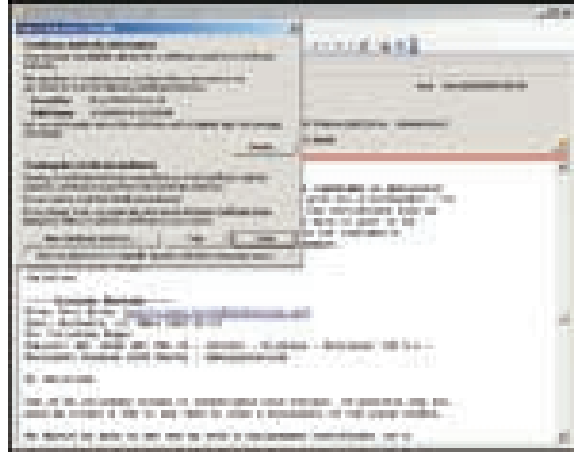




# OmniRoot™ for Microsoft Users Providing Public Trust to Organizations Issuing Client Certificates



Alternatively you can seek to have your own root certificate embedded in email clients but it will take a minimum of two years for those clients to become widespread in the marketplace and you will also have to dedicate resources to the ongoing management of the embedded root



Example SELF SIGNED EMAIL WARNING

## TRUSTED COMMUNICATION IS ESSENTIAL

Organizations rely on email for cost effective and timely communications with employees, customers, partners and suppliers. Every day millions of messages are sent and received which often contain, sensitive and mission critical information. For organizations concerned with regulatory compliance and consumers wary of phishing scams, it has never been more important to secure email from interception and tampering.

It has become the industry standard to secure email using S/MIME technology to ensure the privacy, security and integrity of these transactions.

## THE IMPORTANCE OF ROOTS

Organizations rely on S/MIME certificates issued by reputable public certificate vendors to provide security and trust for their users - if a certificate is not trusted then the user will receive a security warning. A security warning will decrease trust in the sending organization. To prevent the user from receiving a warning, the device they are using needs to have a root certificate from within the same hierarchy as that used to issue the S/MIME certificate.

## ESTABLISHING A TRUSTED ROOT

You may set up a mechanism whereby the user installs your root certificate as a trusted root within their email client, but this can be complicated and frustrating for users and is particularly difficult to manage when you are faced with a broad-based user community with numerous versions of browsers.

## GREATER CONTROL AND REDUCED COSTS

For organizations with large numbers of users and the need to issue numerous S/MIME client certificates OmniRoot CorporateSign is an efficient and cost effective solution which leverages your existing Certification Authority. You can take control of the complete certificate management process to secure your communications, while reaping significant annual savings over the cost of purchasing comparable certificates on the retail market.

## LEVERAGING YOUR MICROSOFT CA

OmniRoot extends Microsoft Windows® 2000 and .NET® Certification Authority usability by allowing customers who are using or plan to use the Microsoft PKI with the opportunity to chain to Cybertrust's pre-distributed root certificate. The use of Cybertrust's OmniRoot facilitates quick deployment and use of digital certificates. Cybertrust is among a select group of CA providers who currently have root certificates embedded in the most popular browser and server software such as Microsoft Internet Explorer and Internet Information Server. Certificates issued under Cybertrust's hierarchy reduce the cost, time, and security concerns associated with deploying a new root certificate to establish a new certification hierarchy.



# OmniRoot™ for Microsoft Users

## Providing Public Trust to Organizations Issuing Client Certificates

### UNIQUELY VALUABLE TO MICROSOFT USERS

#### Maximize features of Windows 2000 and XP

OmniRoot creates unique enhancements to Microsoft's PKI capabilities. By making its predistributed root available, OmniRoot enables Microsoft users to more fully leverage the built-in security features of Windows 2000 and XP.

#### Go Beyond the Enterprise

Using OmniRoot with a Microsoft PKI, certificates can cross enterprise boundaries and enjoy worldwide acceptance

### ADDITIONAL BENEFITS

#### Enhance usability and user experience

OmniRoot simplifies deployment for an enterprise by leveraging Cybertrust's pre-distributed root certificate, which is already embedded in all major email clients. This seamless approach to root certificate distribution and usage will significantly reduce incoming help-desk calls, thereby eliminating an unnecessary IT burden.

#### Enable secure messaging and interoperability

OmniRoot is essential for companies wishing to correspond and execute transactions with large communities of users, both internally and externally. Secure messaging (S/MIME) is one of today's leading applications in the CA Marketplace. OmniRoot allows customers to implement secure messaging the way it was intended.

#### Address Clients & Servers

Client or Server? OmniRoot eliminates the need to deploy a root certificate to end-user clients everywhere. Once your OmniRoot certificate hierarchy is established, end-users receiving client certificates will be able to seamlessly interact with each other and will also be able to securely communicate with certificate-enabled application servers.

### HIGH UBIQUITY & CONSUMER RELIANCE

Consumers and businesses rely on a number of devices; Laptops, mobile phones and PDAs to send and receive email communications. The ongoing success of today's

internet-based commerce requires that users trust they are able to communicate securely on multiple devices.

The Cybertrust root is present in the widest variety of browsers, servers, phones, secure email programs, operating systems and applications. In addition, some of the largest organizations online rely on certificates issued from the Cybertrust root. With millions of users relying on our technology, Cybertrust is dedicated to maintaining the highest ubiquity and ensuring the continued success of online commerce.

### NEAR UNIVERSAL INTEROPERABILITY

Leading Applications, Browsers and Clients	
Apple	FireFox
Microsoft	Citrix
Lotus	AOL
Netscape	Opera
Qualcomm Eudora	Mozilla
Sun	Red Hat Linux Konqueror

Leading Mobile and Handheld Devices:	
Openwave	Palm/ Handspring
Motorola	Microsoft Pocket PC
Nokia	AT&T
NTT DoCoMo	RIM
Panasonic Mobile	SonyEricsson
Philips	Vodafone J-Phone

Complete listing available upon request

#### ABOUT CYBERTRUST

Cybertrust is a global information security company that offers business-driven consulting, managed services and enabling technologies to help businesses and governments gain greater visibility and control of their risk. By aligning information security to business objectives, Cybertrust can help customers improve their overall information security — often with the people, processes and technologies already in place. Cybertrust is 100 percent focused on information security and is vendor- and product-neutral. Its intelligence and resources are applied to deliver the best possible information security practices and strategies for each customer's business, specifically focusing on critical identity and access, threat and vulnerability, and compliance management challenges. Cybertrust has earned the trust of thousands of customers worldwide, has been recognized as the global market leader in managed security services, and is one of the world's largest providers of information security. Headquartered in Herndon, Virginia, USA, Cybertrust has 30 offices around the world. For more information, visit [www.cybertrust.com](http://www.cybertrust.com).



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