



SECURITY WORLD 2009

“SECURE your organization in an INSECURE era”

AUTHENTICATION & DIGITAL CERTIFICATION

PKI: Current status and Guidelines

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Law on Electronic Transactions (2005) and Decree on Digital Signature Certification (2007) has placed a critical foundation for legislative validation of State, Civil and E-Commerce transactions.

Deployment and popularization of Digital Signature has been delayed due to lack of a general road map for PKI in Vietnam.

This presentation will deliver important issues on:

- Plans to deploy PKI and typical application layers
- Process and policies issued by Ministry of Information and Communications on deployment of digital signature and certification services
- Universal Certification Standards, in which PKI and other applications integrate to form proper certification services to effectively facilitate electronic transactions in Vietnam

Certificate Authority's Perspective

Mr. Foo Jong Ai, CEO, Nestrust

In a document released in February 2001, after Infocomm Development Authority of Singapore's (IDA) public consultation on a framework for building trust and confidence in e-commerce, one of the key conclusions is that:

“... PKI is the best solution available today which addresses the key issues of authentication, confidentiality, integrity and non-repudiation required for secure e-commerce transactions.”

While a National PKI framework is important for the support of secure authentication and e-transactions, the CA business is very much dependent on the growth of PKI-enabled applications. This presentation aims to highlight the basis for CAs and PKI, and showcase examples of PKI-enabled G2G, G2B and B2B applications. In addition, choosing the right technology platform is important for the CA, since ease of management, scalability, and ease of deployment are key

considerations. Some of the key technology features that a public CA should look for would also be highlighted.