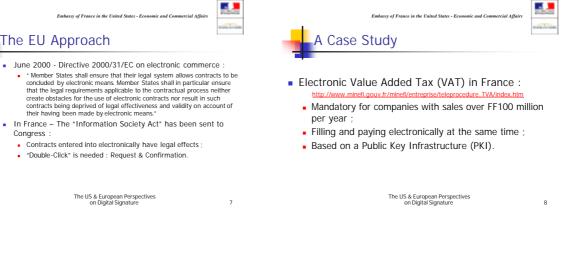
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| on Digital Signature g on Digital Signature g control contro control contr | Growth of E-Commerce Estimated Quarterly U.S. Retail E-commerce Sales (Billions of dollars and as as a Percent of Total Sales - Source : Census Bureau) 5.266 5.526 5.982 6.898 1.09% 1.04% 0.92% 0.67% 0.77% 0.77% | Giving Confidence in the e-Marketplace Consumers must have confidence in the integrity and credibility of this emerging electronic marketplace. A consistent national framework for electronic signatures and transactions is needed in order to : Facilitate the use of electronic records and signatures by ensuring the validity of electronic contracts; |
| <section-header><section-header><section-header><section-header><section-header><list-item><list-item><section-header><section-header><list-item><list-item><list-item><list-item></list-item></list-item></list-item></list-item></section-header></section-header></list-item></list-item></section-header></section-header></section-header></section-header></section-header> | The US & European Perspectives on Digital Signature 3 | The US & European Perspectives on Digital Signature 4 |
| The US & European Perspectives The US & European Perspectives | The US Perspective June 2000 – Congress enacted the Electronic Signatures in Global and National Commerce Act ("ESIGN" Act) : Contracts entered into electronically have legal effects ; Businesses must obtain from consumers electronic consent to receive information electronically that a law requires to be in writing. October 1998 – Congress enacted the Government Paperwork Elimination Act (GPEA) : By 01/31/2003, federal agencies have to provide the public with the option of submitting, maintaining and disclosing required | Case Study • Electronic Federal Tax Payment System (EFTPS) : <u>http://www.eftps.gow</u> • Individual and business taxpayers can make their federal tax payments electronically : • Urrent statistics : • Enrollments (as of May 12, 2001) : 3,454,923 ; • Unmber of payments since 1996 : 197 million ; • Dollars transmitted electronically : \$5 trillion. • Internal Revenue Service (IRS) e-file : <u>http://www.lrs.gov/elec.sw/Index.html</u> • Provide a more convenient method of filing taxes for |
| | The US & European Perspectives on Digital Signature 5 | The US & European Perspectives on Digital Signature 6 |

Embassy of France in the United States - Eco

The EU Approach

Congress :



| | | Conclusion Digital signature : a positive impact on the continued growth of e-commerce and consumer confidence. Challenges for a full PKI implementation : Interoperability, affordability, policies and procedures, training, | |
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| The US & European Perspectives on Digital Signature | 9 | The US & European Perspectives on Digital Signature 10 | |
| Embasy of France in the United States - Economic and Commercial Affairs | | | |
| Michel COMBOT Telecommunications Attaché Embassy of France 4101 Reservoir Road NW – Washington, DC 20007 - USA Phone : (202) 944 6340 | | | |

Email : michelcombot@dree.org

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