

PayPal

- Most popular electronic money service (6 million users), championed by ebay.
- Free for consumers (key to speed adoption).
- Fast e-mail communication.

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party..).

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private (merchants don't see your credit card number)

How to Pay via PayPal

- Establish an account including your checking account or credit card info.
- Enter recipient's e-mail address + payment amount. Eg, tell paypal send etzioni@cs.washington.edu \$25.
- Recipient registers or just logs in and the money appears in their account.

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Recipient can pay someone else or "cash out."

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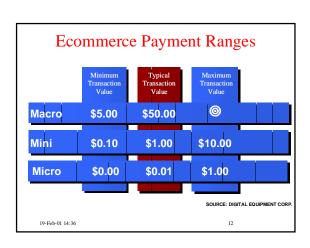
Particularly nice for auctions, splitting a bill, collecting money from K people (who pay for the

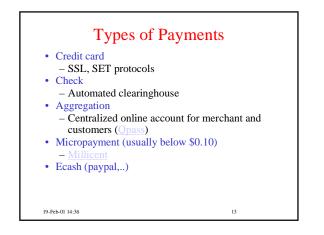
Analysis of PayPal

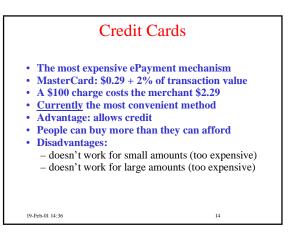
- Not good for micropayments, because relies on traditional money at base!
- Business model: charge merchants, make money on the "float". Jury is still out..

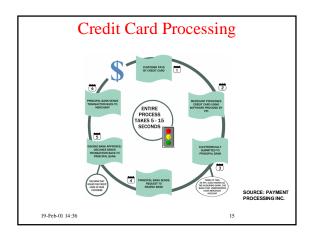
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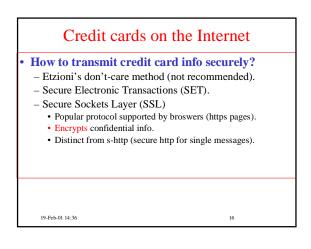


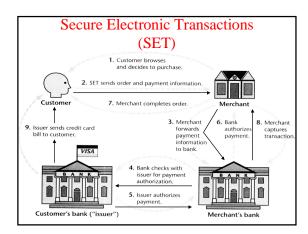


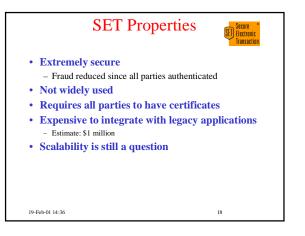


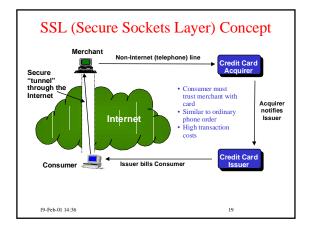


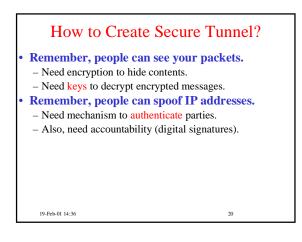


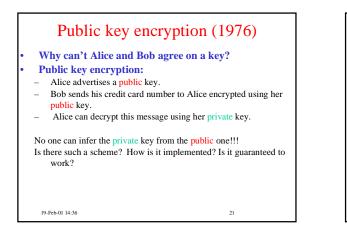


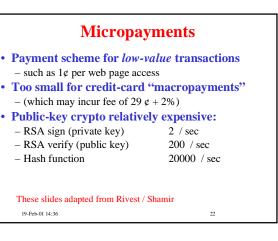


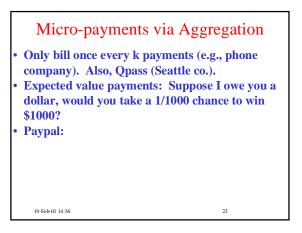


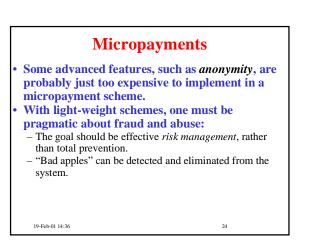


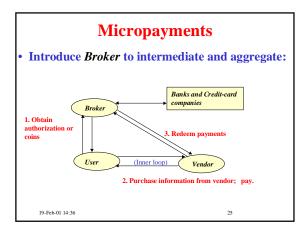


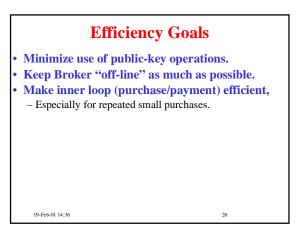


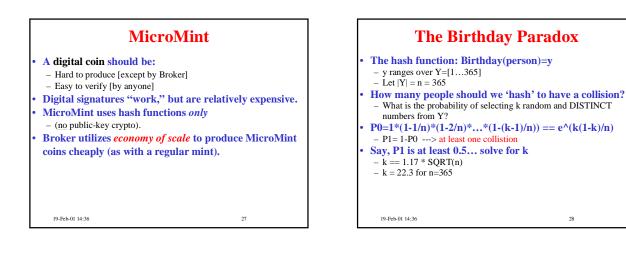


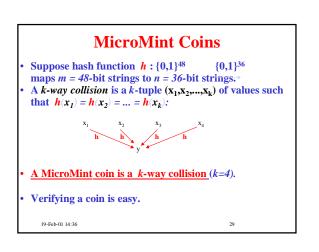


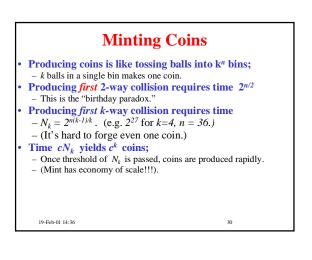


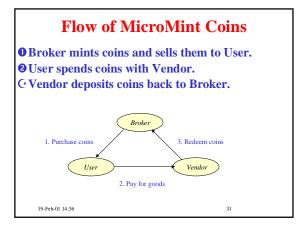


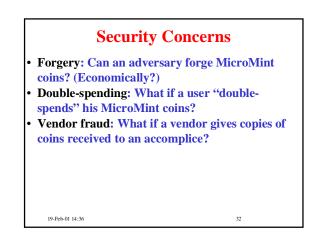




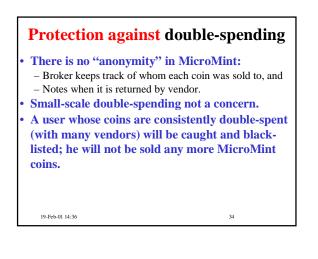














listed and refused further redemption service by the Broker.

 Users can cooperate with Broker to identify bad vendors by identifying where coin was first spent.

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E-commerce, E-payment Conclusions

- E-commerce is here to stay. Some esoteric models have failed, but click-n-mortar going strong.
- Authentication, e-payment are solved using public-key crypto.
- Cryptographers can finally have a job outside the NSA.

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Micro-payment, digital cash are still topics of research/experimentation.

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