HP Trusted Computing Strategy & ProtectTools for Business PCs

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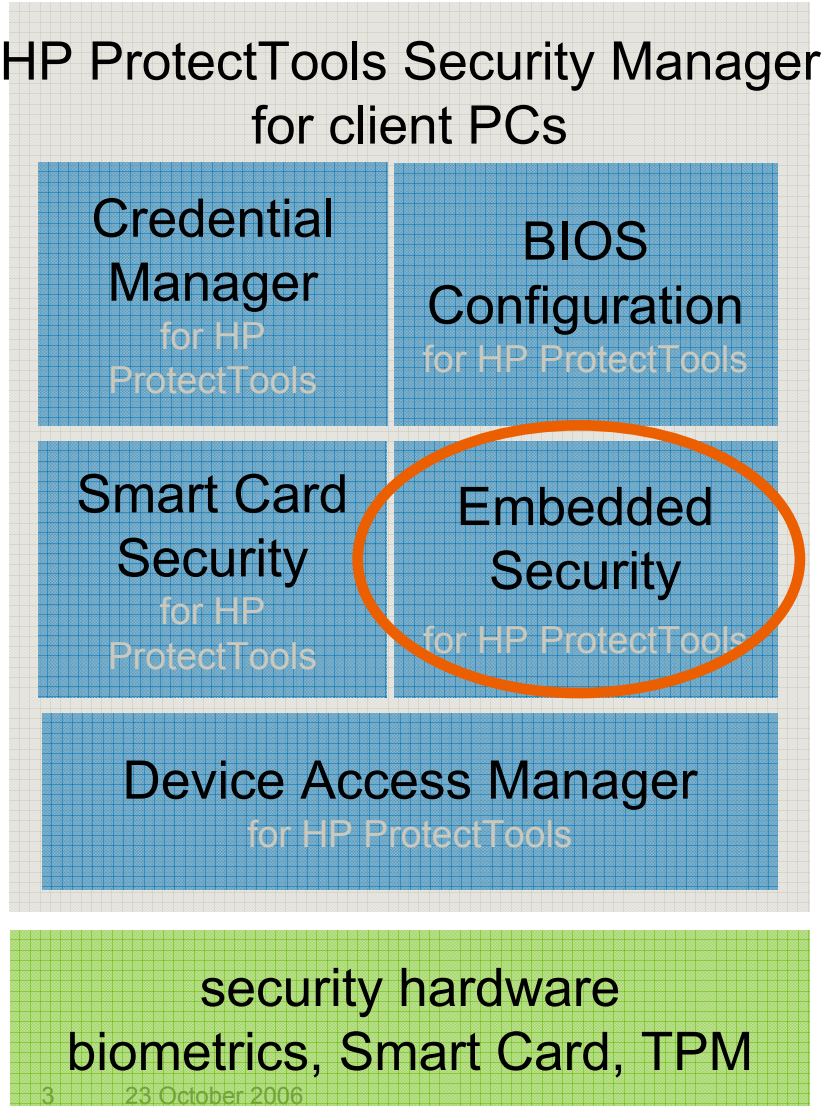
HP Trusted Computing Strategy

- Use Trusted Computing where it benefits customers
- Lead in Standards Development
  - Cross Platform, Cross OS
- Committed
  - Standard in all ’07 Business PCs
- Evaluating
  - Servers
  - Mobile Phones
  - Handhelds
  - Printers
  - Networking
  - Consumer PCs

Protecting HP client devices – HP ProtectTools security portfolio



HP ProtectTools is a portfolio of security technologies and features for HP clients that address these critical aspects of IT security

- protect the device & network access
- protect user data & credentials
- protect the network

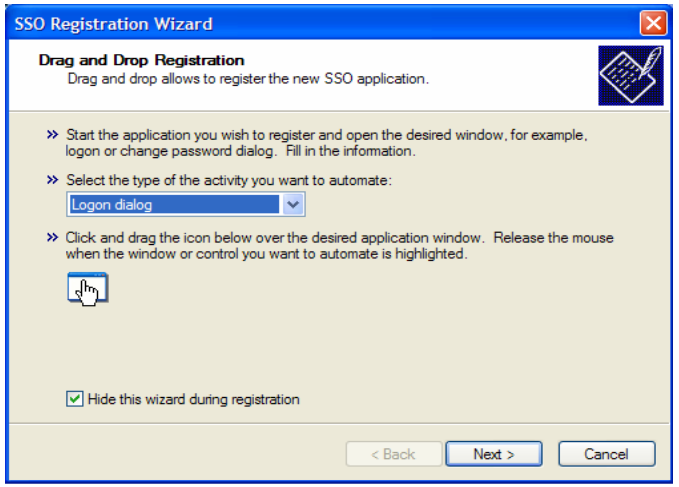
HP ProtectTools use of TPM (Embedded Security)

- **Current Use**
  - Hardware, Firmware and Operating System working together to:
    - Secure Device from unauthorized access
    - Protect Data and User Credentials
    - Secure Network Access
- **Future Uses**
  - System Assurance - Integrity/Attestation/Identity
    - Network Resource Access Assurance
  - Assured E-Services
    - Client/Server, Server/Server, Peer-to-Peer

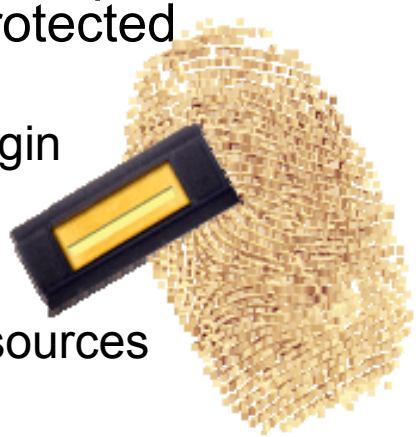
Credential Manager for HP ProtectTools

Security

- broad multi-factor authentication support
  - fingerprint biometrics
  - TPM embedded security chip
  - Smart Card
  - USB crypto-tokens



- single sign-on support simplifies access to password protected resources
  - Microsoft Windows login
  - web sites
  - applications
  - protected network resources



"Making passwords more secure often makes them more difficult to manage. If employees have too many passwords … [they] usually will write them down, creating a security risk." *(Gartner, 8/2004)*

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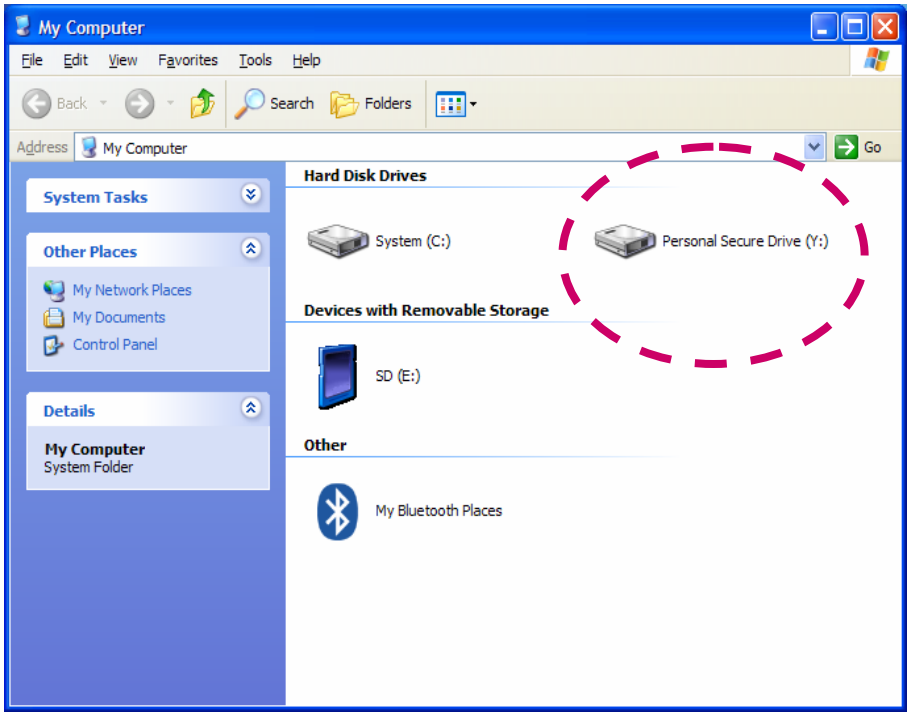
Embedded Security for HP ProtectTools

- TPM embedded security chip
  - enhanced data protection
  - secure email & other protected digital certificate applications
- new 2006 security chip features
  - support for TPM v1.2
  - password security & reset
    - password policy definition
    - TPM password reset
  - automatic & scheduled backup
  - enhanced Personal Secure Drive
    - encrypted volume sharing
    - dynamic sizing



hp invent

TPM Enhanced DriveLock

Lock Intruders Out!

- Helps protect a hard drive from unauthorized access even if removed from a notebook or tablet PC
- Uses a TPM Embedded Security Chip to make access easier for authorized users and more difficult for unauthorized users
- Allows users to turn on Drivelock protection with a single click
- This feature does not require the user to remember any additional passwords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