UMD Innovation Summit: Efficient and Effective End-User Computing Platforms

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Remote Access Business Need

- Enactment of the Homeland Security Act of 2002 divided the Bureau of Alcohol, Tobacco, and Firearms (ATF)
  - Established in January 2003
  - About 700 Government and Contractor Personnel
- Very Distributed Workforce
- About 91% of the workforce remotely accesses TTB IT resources in a selected month
- Initial TTB Client Computing Philosophy – Anything Anywhere
  - 2005 Use of any Internet Connected Computer to Access 100% of TTB IT
  - Plan B – Born out of small centralized support for highly distributed workforce
- Current Virtual Desktop (on demand processing resources and customer applications)
  - Server Virtualization using VMWare
  - Desktop Virtualization with Citrix XenApp
  - Client Access Pilot
  - Broadband Everywhere Pilot – MiFi
Virtual Desktop Architecture
MiFi – 3G or 4G Access

- Mobile Wireless Broadband
  - Up to 5 people can join wirelessly one MiFi access point
  - Hotel, Airports, Car
  - 100% Broadband Access for Mobile Thin Clients
Mobile Access Options

- Mobile Thin Client
- Phone Interface USB/BlueTooth
- Mobile Smart Phone Dock
- Phone With Projector
- XP Phone With VGA/USB
- Desktop Smart Phone Dock