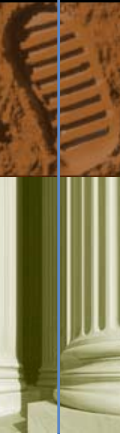


# ENUM IN THE UK



# Structure

- UK ENUM Group - UKEG
  - > Ad-hoc body with government and regulator participation
  - > Focus on regulatory & policy issues:
    - Selection process and criteria
    - Contracts, legal relationships, governance model
  - > Parent body of Trial Group
- UK ENUM Trial Group - UKETG
  - > Another ad-hoc group (largely industry driven)
  - > Reports to UKEG
  - > Carries out the trial
    - Results & findings inform UKEG

# UK ENUM Trial Group

- Wide participation from telecom and internet companies:
  - > Afilias, Atlas Internet, BT, Firsthand, ICB, MCI, Neustar, Nominet, Roke Manor Research, Telcordia, Univ. of Southampton, Vodafone
  - > Not all based in the UK!
  - > Open to anyone who signs the MoU
  - > “Simple” MoU for end users

# UK ENUM Trial Roles

- Tier-1
  - > 3 Companies: ICB, Neustar & Nominet
- Tier-2
  - > 3 Companies: Afilias, Atlas Internet & BT
- DNS Providers
  - > 2 Companies: Atlas Internet & Nominum
- Authentication Agency
  - > 1 Company: BT (maybe Vodafone too)
- Applications:
  - > Everyone else! BT, Firsthand, MCI, Roke Manor, Telcordia, Univ. of Southampton, Vodafone
- Newcomers:
  - > A telco, telco/ISP/applications

# Authentication & Validation

- Non-trivial!
- No central DQ database
  - > Each telco has its own
  - > Awkward issues
    - Pay-as-you go mobiles
    - Free phone & premium rate numbers
    - DDI Blocks
- Ad-hoc solution for trial:
  - > Predeclaration
  - > BT DQ database
- Long term solution likely to be based around UK number portability process
  - > Some form of on-line digital identifier/certificate

# Trial Plan

- Lot of work done on infrastructure issues:
  - > Registration life cycle, authentication, validation
- Not much emphasis on applications or end-users (so far....)
- Expected to finish by end 2003
  - > Report to UKEG in November 2003
- May have a second-phase trial
  - > Improved web site
  - > Focus on applications and services
  - > Some technical work too:
    - EPP, DNSSEC, Accreditation

# UK Trial Status Report

- Few registrations so far
- Applications providers somewhat discreet
- Lot of effort on processes:
  - > Registration life-cycle
  - > Authentication & Validation
- UKEG report to government by end July
  - > Governance issues, etc for production service
  - > RFPs, selection criteria & procedure
- Government consultation expected in Q3 2003
  - > RFP by summer 2004 at earliest?

# On-Going Trial Issues

- Secure DNS (DNSSEC)
- Accreditation
  - > Tier-2? Authentication Agencies?
- Tier-1/Tier-2 Interface
  - > EPP?
- Second phase trial?
- Selection process & criteria for production Tier-1
  - > Auction? License? Franchise?
- Regulatory/legislative framework
  - > Stakeholder input
  - > Self-regulation with government oversight



Questions?

