CabinetOffice

e-Government Unit

A Candidate Reference Architecture

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Access to data Anywhere, Anytime, Anyhow

To implement a standard architecture which will

- allow any authorised UK Government User access to their departmental applications through a central “authentication portal” – from any location (home, road, or other Government department site) and
- allow Users to access other Departments’ applications and
- provide the common “Trust” infrastructure for Shared Services and Applications

What does that mean?

- Access systems/information via the Government Secure intranet
  - Central Portal for Users to access systems
  - Deploy thin-client based systems
    - Permits server deployment anywhere (within UK)
    - Permits access from anywhere (home, road or OGD)
  - Strong confidentiality, integrity and availability
- Central authentication
  - Strong authentication
    - Easy to use for end user;
    - Minimum hardware required for machine authentication.
  - Federated Identity
    - Trust relationships between Departments
    - Single Sign-On

What does that mean? (continued)

- Central authorisation
  - Coarse-grain
    - Grant User access to system, Departments determine access within system
  - Role-based Access Control
    - Communities of Interest
    - Base authorisation on why the User needs access, not who the User is
  - Access to authorised systems/information only
    - Users can only access authorised end-points, no longer network-wide access
- Common solution(s) across Government
  - Standards based, not Vendor specific implementation

What capability does this provide?

- Shared Services
  - Centralised “Trust” services
- Hot-desking/Mobility
  - Ability to work from any location in the UK Government estate
- Business Continuity and Disaster Recovery
  - Permits server deployment anywhere (within UK)
  - Connection from anywhere (within UK)
- Exchange of “protectively marked” information/systems
  - Connection from anywhere (within UK)
- Home use/Remote Access
  - Connection from anywhere (within UK)