The UK Government Gateway Remote Authentication

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24/10/2008
What is the core problem that the Government Gateway resolves?

- Different unique number (identifier) for each customer.
- Customer centric services requires these identifiers to be mapped.
- This business problem relates to both citizen and business services.

| Tax Unique Tax Reference No. |
| Benefits National Insurance No. |
| Kings Lynn and West Norfolk Benefit Claim Reference No. |
| Bedford Borough Council Customer Reference No. |
MOD Registration and Card Issuance

1. MOD Registration Authority
2. Registration
   - Friendly Identifier
   - Card Number
3. Enrolment
   - System Identifier
4. MOD Employee
5. PIN
Employee Navigates to the MOD Portal

www.mod.uk
The employee clicks on this link to log on.
MOD Employee enters their Identifier

The employee is redirected to the Government Gateway (rebranded as MOD)

They enter their unique number.

Example identifier: smithj123

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**MoD Internet Access to Shared Services**

**Login**

Login using:

Enter your Chip and Pin information:

1. Enter your identifier (e.g. smithj123)

   smithj123

   Continue  Cancel

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*When you have finished your online session, you should either close the browser or logout.*

*Please do not use the browser back button as it may not function as expected.*

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*Only authorised users should attempt to log on via this page. Usage of this page is recorded and analysed in accordance with the provisions of The Privacy and Electronic Communications (EC Directive) Regulations 2003. Unauthorised use is an offence under the Computer misuse act.*
Interaction with the Card Reader

MoD Internet Access to Shared Services

Login

Login using:

Enter your Chip and Pin information:

1. Enter your identifier (e.g. smithj123)
   smithj123
2. Insert your card into the card reader
3. Press the button on the card reader
4. Enter your PIN into the card reader
5. Press the ENTER button on the card reader
6. Enter 92107398 into the card reader
7. Press the ENTER button on the card reader
8. Please enter the CODE displayed on the card reader

Login  Cancel
Interaction with the Card Reader

MoD Internet Access to Shared Services

Login

Login using:

Enter your Chip and Pin information:

1. Enter your identifier (e.g. smithj123)
   smithj123
2. Insert your card into the card reader
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6. Enter 92107398 into the card reader
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8. Please enter the CODE displayed on the card reader

The card reader requests that the user enters their PIN.
interaction with the card reader

MoD Internet Access to Shared Services

Login

Login using:

Enter your Chip and Pin information:

1. Enter your identifier (e.g. smithj123)
   
   smithj123

2. Insert your card into the card reader

3. Press the button on the card reader

4. Enter your PIN into the card reader

5. Press the ENTER button on the card reader

6. Enter 92107398 into the card reader

7. Press the ENTER button on the card reader

8. Please enter the CODE displayed on the card reader

[Login]  [Cancel]
After pressing Enter, the card reader requests that the user enters a number from the portal.

MoD Internet Access to Shared Services

Login

Login using:

Enter your Chip and Pin information:

1. Enter your identifier (e.g. smithj123)
   smithj123
2. Insert your card into the card reader
3. Press the button on the card reader
4. Enter your PIN into the card reader
5. Press the ENTER button on the card reader
6. Enter 92107398 into the card reader
7. Press the ENTER button on the card reader
8. Please enter the CODE displayed on the card reader
Interaction with the Card Reader

MoD Internet Access to Shared Services

Login

Login using:

Enter your Chip and Pin information:

1. Enter your identifier (e.g. smithj123)
   smithj123
2. Insert your card into the card reader
3. Press the button on the card reader
4. Enter your PIN into the card reader
5. Press the ENTER button on the card reader
6. Enter 92107398 into the card reader
7. Press the ENTER button on the card reader
8. Please enter the CODE displayed on the card reader

The user enters the Number into the card reader
Interaction with the Card Reader

MoD Internet Access to Shared Services

Login

Login using:

Enter your Chip and Pin information:

1. Enter your identifier (e.g. smithj123)
   smithj123
2. Insert your card into the card reader
3. Press the button on the card reader
4. Enter your PIN into the card reader
5. Press the button on the card reader
6. Enter 92107398 into the card reader
7. Press the button on the card reader
8. Please enter the CODE displayed on the card reader

The card reader generates a response
The user enters the response from the card reader into the portal.

MoD Internet Access to Shared Services

Login

Login using:

Enter your Chip and Pin information:

1. Enter your identifier (e.g. smithj123)
   smithj123
2. Insert your card into the card reader
3. Press the button on the card reader
4. Enter your PIN into the card reader
5. Press the ENTER button on the card reader
6. Enter 92107398 into the card reader
7. Press the ENTER button on the card reader
8. Please enter the CODE displayed on the card reader
   12345678
Chip and PIN Authentication

Government Gateway SSOP

MoD Internet Access to Shared Services

Login

Login using:

Enter your Chip and Pin information:

1. Enter your identifier (e.g. smith123)
2. Insert your card into the card reader
3. Press the 4 button on the card reader
4. Enter your PIN into the card reader
5. Press the ENTER button on the card reader
6. Enter 92107908 into the card reader
7. Press the ENTER button on the card reader
8. Please enter the CODE displayed on the card reader

12345678

Login  Cancel
Chip and PIN Authentication

Welcome to the MOD Secure Home Page
MOD ID Card and the Government Gateway

- EMV Chip Authentication Program
  - Banking Standard
  - No payment application on Chip
  - APACS standard for the card reader
  - PIN Length
- One Time Password
- Signing
- Usability
MOD ID Card and the Government Gateway

- Interoperability between card readers
  - Application Identifiers
- Government Gateway has a Chip Authentication Service
  - Master Key exchange with the card supplier for MOD
- All the security is in the card
- The card reader is dumb
- Zero footprint
- Multichannel
• The user is redirected to the Government Gateway Common Authentication Page (branded as Directgov)

**Login with Chip and Pin**

Please select your card issuer below, enter your identifier and then click the Continue button below.

**Enter your Chip and Pin information:**

1. Enter your Card Number

2. Who issued your card?

   Please select

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When you have finished your online session, you should either close the browser, or logout.
Questions