Context Information Security is an independent, product-agnostic security consultancy which counts government organisations and some of the world's most successful blue-chip companies among its clients. We take a holistic approach to security, helping our clients analyse all relevant business processes in order to identify potential threats and vulnerabilities.

We're not a company that tries to exploit fear or paranoia to sell the latest technology. Instead we work hard to build genuine partnerships with our clients, to help them defend themselves against current and future security threats and to minimise the financial and operational pain caused by security breaches. We have built up our client base largely by word of mouth, having established a reputation for technical excellence, sensitivity to business issues and complete discretion.

http://cat.contextis.com
Context Application Tool

- Manual Application Testing Tool
- Lead Developer: Michael Jordon – Crest App Cert
- Contains:
  - Inline Proxy
  - Repeater
  - Fuzzer
  - Log
  - Authentication Checker
  - SSL Checker
  - Notepad
  - Browser

http://cat.contextis.com
History

- Started Development 2007
- Context’s Core application testing tool
- Collaborative Effort within Context
  - Features fed from Context’s Experience
Why another tool?

• Frustration
  – Why doesn’t this render the HTML correctly!
  – Authorisation Checking is a pain in the ****
  – Tool should make your life easier not harder
  – All this copy and pasting makes me feel like a machine

• Complex Systems
  – SSO
  – CSRF Tokens
  – Timing Attacks
  – Web Services
  – ....
• Currently Beta 4
• Next Version later this year
• Possible Major Features for V1.1
  – Auth Checker with Integrated Browsers
  – More auto testers
  – Full Ajax Spider
  – Combine Fuzzer/Log/Repeater
  – …
Future

- Looking for Contributions
  - Bugs
  - Ideas
  - Feature Requests

cat@contextis.com
http://cat.contextis.com
# Proxy

## Context App Tool

![Context App Tool screenshot](image)

### Log Table

<table>
<thead>
<tr>
<th>ID</th>
<th>TimeStamp</th>
<th>Method</th>
<th>Protocol</th>
<th>Host</th>
<th>Path</th>
<th>Arguments</th>
<th>Type</th>
<th>Len</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>17:16:53 11/12/2009</td>
<td>GET</td>
<td>http</td>
<td><a href="http://www.contextis.co.uk">www.contextis.co.uk</a></td>
<td>/</td>
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<td>/whatwedo/default.htm</td>
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</table>
## Log

**Context App Tool**

- **File**
- **Edit**
- **Add Tab**
- **Help**

### Log Table

<table>
<thead>
<tr>
<th>ID</th>
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<td>file=help.html</td>
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### Results Table

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<th>Host</th>
<th>Path</th>
<th>Arguments</th>
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<td>GET</td>
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<td>/bank/fac.aspx</td>
<td>file=help.html</td>
<td>aspx</td>
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<td>17:50:06</td>
<td>GET</td>
<td>http</td>
<td>10.0.0.201</td>
<td>/bank/messages.aspx</td>
<td></td>
<td>aspx</td>
<td>89984</td>
</tr>
</tbody>
</table>
**SSL Checker**

**Context App Tool**

URL of Server: https://testapp

<table>
<thead>
<tr>
<th>Method</th>
<th>Protocol</th>
<th>Arguments</th>
<th>Type</th>
<th>Length</th>
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<tr>
<td>GET</td>
<td>https://</td>
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<td>php/Main_Page</td>
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<tr>
<td>GET</td>
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</tbody>
</table>

**Context Information Security Ltd**

December 2009 / Michael Jordon
Cookie: YWRtaWlyZyB3b3cuY29tLmNvbQ==

URL Decode:
Cookie: YWRtaWlyZyB3b3cuY29tLmNvbQ==

Base64 Decode:
Cookie: oc4wJ1

Cut Ctrl+X
Copy Ctrl+C
Paste Ctrl+V
Select All

Convert
Paste HTML

URL Encoding

Base64

Decode Ctrl+Shift+D
Encode Ctrl+B

HTML/XML
Hash
Hex
No Quotes
Spaces
Non-ASCII

Context Information Security Ltd
Web Browser

Context Information Security Ltd

We take a holistic approach to security

Welcome

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Our services:
- Security testing
- Training
- Computer forensics
- Risk management
- Standards
- Business continuity
- Telecoms services
- Incident response
- Physical security

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