Maximising the Benefits of Assurance Continuity

A BlackBerry® Case Study

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Agenda

- Introduction
- Developer’s Reality
- Assurance Maintenance & Assurance Continuity
- BlackBerry Evaluation Approach
- BlackBerry Assurance Continuity Results
Introduction

- Who am I?
- Why am I here?
- What is the BlackBerry Enterprise Solution?
Introduction

- BlackBerry Enterprise Solution
  - Messaging and collaboration tools
  - Enterprise data
  - Personal productivity
  - Easy to deploy, easy to manage
Introduction
Developer’s Reality

Months

2003 2008

EAL 1
EAL 2
EAL 3
EAL 4
Assurance Continuity

- Defined approach for certification maintenance
- Is re-evaluation required?
- Results covered by CCRA
- Extremely important and useful!
BlackBerry Evaluation Approach

- What do we want to accomplish?
- What products do we want to certify?
- What functionality should be tested?
- How can we be more effective?
What Do We Want To Accomplish?

- Certify the BlackBerry Enterprise Solution
- Certify subsequent releases
- Provide value and flexibility to customers
What Products Do We Want To Certify?

- BlackBerry Enterprise Server
  - Software product
  - Supports multiple mail server types

![BlackBerry Enterprise Server](image)

- Microsoft
- Lotus
- Novell

- Certify BlackBerry Enterprise Solution
- Certify subsequent releases
- Provide value and flexibility to customers
What Products Do We Want To Certify?

- BlackBerry smartphone hardware
  - Dozens of models
  - Customised by carrier and region

Certify BlackBerry Enterprise Solution | Certify subsequent releases | Provide value and flexibility to customers
What Products Do We Want To Certify?

- BlackBerry smartphone software
  - Several major releases
  - Consistent core functionality

Certify BlackBerry Enterprise Solution

Certify subsequent releases

Provide value and flexibility to customers
What Products Do We Want To Certify?

- Certify BlackBerry Enterprise Solution
- Certify subsequent releases
- Provide value and flexibility to customers
What Functionality Should Be Tested?

- Messaging and collaboration tools
  - Email messaging
  - PIM synchronisation

- Enterprise data
  - Secure wireless communication
  - Secure data storage

- Certify BlackBerry Enterprise Solution
- Certify subsequent releases
- Provide value and flexibility to customers
What Functionality Should Be Tested?

- Easy to deploy, easy to manage
  - Wireless application of policies
  - Local enforcement of policies

- Certify BlackBerry Enterprise Solution
- Certify subsequent releases
- Provide value and flexibility to customers
How Can We Be More Effective?

Certify BlackBerry Enterprise Solution

✓ Certify subsequent releases

Provide value and flexibility to customers
BlackBerry Evaluation Approach Summary

- Evaluate solution endpoints
- Evaluate software products
- Focus on core security features
- Improve internal processes

✓ Certify BlackBerry Enterprise Solution  ✓ Certify subsequent releases  ✓ Provide value and flexibility to customers
# BlackBerry Assurance Continuity Results

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<thead>
<tr>
<th></th>
<th>BlackBerry Enterprise Server</th>
<th>BlackBerry Smartphone Software</th>
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<tr>
<td><strong>Microsoft</strong></td>
<td>4.1.3</td>
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<td>4.1.4, 4.1.4J</td>
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<td>4.2.0, 4.2.1, 4.2.2</td>
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<td><strong>Lotus</strong></td>
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<td><strong>Novell</strong></td>
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<tr>
<td><strong>Initial Evaluation</strong></td>
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<td><strong>AC Project 1</strong></td>
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<td><strong>AC Project 2</strong></td>
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<td>4.3.0</td>
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BlackBerry Assurance Continuity Results

- 7 products in AC Project 1
- 4 products in AC Project 2
- 20 person days per AC project

3.5 person days per product
Questions?

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http://www.blackberry.com/security