

From: Soura, Christian  
To: Pitts, Ted <TedPitts@gov.sc.gov>  
CC: Haltiwanger, Katherine <KatherineHaltiwanger@gov.sc.gov>  
Date: 9/12/2013 12:20:48 PM  
Subject: FW: Blackberry Upgrade

---

The details Jimmy promised.

CLS

Christian L. Soura  
Deputy Chief of Staff

(803) 543-0792  
ChristianSoura@gov.sc.gov

---

From: Earley, Jimmy  
Sent: Thursday, September 12, 2013 11:54 AM  
To: Soura, Christian  
Cc: Earley, Jimmy; Lee, Kim  
Subject: Blackberry Upgrade  
Importance: High

Christian, please see below information you requested relating to transition from Blackberry to iphone.

### Cost

Current iphone 8GB – available for 99 cents each – approximate cost \$46.00 to upgrade 43 phones. We will continue to use Verizon as your provider. The cost to upgrade the current Blackberry devices to Blackberry 10 devices is \$99.99 each.

### Security Considerations

The Blackberry Enterprise Server (BES) that we currently use to support your phone is no longer supported. The new Blackberry 10 devices do not require a BES server. They use active sync just like an iphone.

### Comments from Deloitte are below:

Security: Mobile Device Management (MDM) solutions for iOS and Android meet or exceed the security that BB can provide. Some examples are:

- Federal government owned devices on iOS6 and the hardened Samsung Knox Android operating system are Defense Information Systems Agency (DISA) approved and are used by the U.S. Department of Defense on its secure networks.
- MDM solutions are:
  - FIPS-certified AES encryption for data both at rest and in transit
  - Remote wipe or lock capabilities
  - Application-level protection to prevent users from leaking company information (e.g., access to the iCloud can be disabled)

Long-term strategy: From a long-term perspective the state is more flexible to employee and agency needs by using MDM solutions. Some examples are:

- MDM solutions are vendor agnostic and support iOS (iPhone & iPad), Android and Windows phones [\[1\]](#)
- MDM solutions allow agencies to adopt bring-your-own-device (BYOD), and still have control over data
- MDM solutions helps the state be better positioned to shift more state employees to work-at-home (telework)

Cost: Existing BES servers are not compatible with new BB 10 devices, and new BB 10 devices require a new infrastructure. As a result, agencies will have additional overhead if they try to maintain old BES devices. This lowers the switching cost from BB to iOS, Android, and/or Windows.

Call me if you have any questions. Thanks, Jimmy

---

---

---