



*A small, lightweight and wearable smart card reader that enables controlled access to BlackBerry devices and computers.*

# BlackBerry Smart Card Reader

*Making It Easier Than Ever to Comply with Operational Requirements for Two-factor Authentication*

Communicate Without Compromise

## The BlackBerry Smart Card Reader builds on the security, flexibility and mobility of the trusted BlackBerry Enterprise Solution.

The BlackBerry® Smart Card Reader allows mobile personnel to meet operational requirements for using two-factor authentication with Bluetooth®-enabled Microsoft® Windows® computers, BlackBerry® devices, PKI applications and for secure web browsing—without negatively impacting the user experience.

The BlackBerry Smart Card Reader can replace serial or USB based card readers, even if your organization has not deployed a BlackBerry solution. This enables you to benefit from un-tethered access to your smart card credentials from your desktop or laptop computer.

### Prevent Unauthorized Access

The BlackBerry Smart Card Reader solves a fundamental security concern for organizations, helping eliminate unauthorized access to unlocked computers and BlackBerry devices. Instead of inserting the smart card into a stationary reader or bulky peripheral attachment which can easily be left behind, users insert a smart card into this lightweight reader and wear it on a lanyard, causing devices and computers to lock when the user is not in proximity.

### S/MIME Support

The BlackBerry Smart Card Reader works with certificates on smart cards to leverage your organization's S/MIME infrastructure† and enable your employees to digitally sign and encrypt messages on either their BlackBerry devices or computers to provide sender-to-recipient security.

### Advanced Security Features

When used with the BlackBerry® Enterprise Solution, the BlackBerry Smart Card Reader supports advanced security features to meet IT and public sector requirements, including:

- AES-256 encryption
- FIPS 140-2 validated encryption module
- S/MIME support
- Wireless IT policy enforcement on devices



Front



Back



Side

## Mobility That Doesn't Sacrifice Security

# The BlackBerry Smart Card Reader minimizes the impact of operational requirements on users, making it easier for them to comply with your security policies.

The BlackBerry Smart Card Reader can help your organization:

**Increase Security Compliance** – Increasing the convenience and comfort of using smart cards with BlackBerry devices and computers helps to ensure that users comply with organizational security directives. Using IT policy controls, BlackBerry devices and computers can be configured to lock if the BlackBerry Smart Card Reader goes out of range, rendering the device or computer unusable and information inaccessible until proximity is restored and user authentication requirements have been met.

**Meet Strict Government Security Requirements** – The BlackBerry Smart Card Reader uses FIPS 140-2 validated encryption technology. Built on the proven BlackBerry Java™ Virtual Machine (JVM), the BlackBerry Smart Card Reader uses an AES-256 encryption overlay for Bluetooth. It allows organizations using smart cards to add additional security features to the industry leading BlackBerry Enterprise Solution security architecture.

**Provide an Enhanced User Experience Compared With Competing Solutions** – The slim, lightweight BlackBerry Smart Card Reader features long battery life and Bluetooth technology that allows users to comfortably wear the reader on a lanyard. No more heavy peripherals or bulky device attachments are required for authenticating to BlackBerry devices or computers with smart cards.

**Manage Key Lifetimes Wirelessly** – System administrators gain additional control over the wireless environment with the ability to wirelessly manage security key lifetimes on the BlackBerry Smart Card Reader through the BlackBerry® Enterprise Server.\*

## Specifications

Size	4.06 x 2.3 x 0.81 inches/10.32 x 5.85 x 2.056 cm (L x W x D)
Weight	Approximately 2.6 oz/73.6 g
User Input	Single button control
Bluetooth	Support for version 1.2 with AES-256 encryption security overlay
Card Standards	ISO 7816 and T=0 and T=1 protocols Windows Hardware Quality Labs and PC/SC Compliant
Notification	LCD and multi-color LED on the reader with some notifications appearing on the paired BlackBerry device
User Interface	Intuitive menus and dialogs appear on the BlackBerry device
Battery	Removable and rechargeable Lithium cell that is compatible with existing BlackBerry chargers
Security	<ul style="list-style-type: none"><li>IT Policy to control lifetime of keys on reader and BlackBerry device</li><li>Certified AES-256 Bluetooth security overlay</li><li>FIPS 140-2 validated encryption module</li><li>Tightly integrated with the S/MIME Support Package for BlackBerry</li><li>Coverity Certified for Quality Code Level 2 and Secure Code Level 2†</li></ul>

## System Requirements and Compatibility

The BlackBerry Smart Card Reader works with:

- BlackBerry Enterprise Software v3.6 and higher
- All Bluetooth-enabled BlackBerry devices
- A Bluetooth-enabled computer running Windows XP Service Pack 2
- All ISO 7816 compliant smart cards<sup>o</sup>
- Out of the box support for Common Access Cards (CACs) and DataKey/Safenet 330 cards
- 3V and 5V smart cards

Third parties will be able to implement support for any card using the published BlackBerry Smart Card APIs.

† The BlackBerry Smart Card Reader Desktop Application v1.5 is Coverity Certified for Quality Code Level 2 and Secure Code Level 2. For more information on the BlackBerry Smart Card Reader Desktop Application certification, please visit <http://certified.coverity.com>





## For More Information

To learn more about BlackBerry Smart Card Reader visit:

[www.blackberry.com/go/smartcardreader](http://www.blackberry.com/go/smartcardreader)

or contact your BlackBerry sales representative.

\* Requires BlackBerry Enterprise Software v4.0.2 or higher.

† Available for BlackBerry Enterprise Server for Microsoft® Exchange and BlackBerry Enterprise Server for IBM Lotus® Domino® only.

∅ Requires appropriate software drivers.

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