

impatica for BlackBerry® Enterprise Server

Attachment Handler User Guide

Version 1.0.1

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The Java Impatica for BlackBerry Enterprise Server runtime is distributed in Eastridge Technology’s Jshrink format.

This software is based in part on the work of the Independent JPEG Group.

This product includes software developed by the Apache Software Foundation (<http://www.apache.org/>).

Table of Contents

1	Introduction.....	1
2	System Requirements	2
3	Viewing a PowerPoint Attachment	3
4	Presentation Playback.....	5
5	Impatica Presentation Viewer	9

1 Introduction

The ability is finally here for BlackBerry users to view PowerPoint presentations on their handheld. Impatica makes it possible to view PowerPoint presentations which are delivered to the handheld as e-mail attachments.

Impatica for BlackBerry Enterprise Server consists of two components:

- The *Impatica for BES server software*, which runs on a server with or independent of the BlackBerry Enterprise Server, and;
- The *Impatica Attachment Handler*, which runs on each BlackBerry on which PowerPoint attachment viewing is desired.

When a BlackBerry handheld user receives notification of an e-mail message with a PowerPoint attachment and chooses *View Attachment*, the Impatica Attachment Handler sends a conversion request to the Impatica for BES server software. The Impatica for BES server software then transforms the PowerPoint presentation into a BlackBerry compatible format and file size and sends the converted presentation to the handheld for playback.

This user guide describes how to use the Impatica Attachment Handler to view any presentation you receive as an attachment to an e-mail message. It will then detail the options available while viewing presentations, either as attachments or through the presentation viewer. Finally, it will describe how to use the Impatica Presentation Viewer application to view and manage temporarily stored and saved presentations.

2 System Requirements

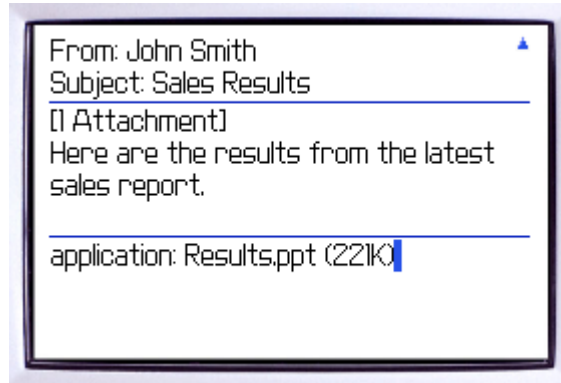
The Impatica Attachment Handler will work on any BlackBerry handheld that meets the following requirements:

- Java-based BlackBerry handheld*
- BlackBerry Software 3.8 or later

* For best results, use of a BlackBerry model with a color screen is recommended.

3 Viewing a PowerPoint Attachment

To view a presentation attached to an e-mail message, open the e-mail as you normally would. When the message contents are shown on the screen, scroll the trackwheel to the bottom of the message to select the PowerPoint filename (.ppt or .pps file).



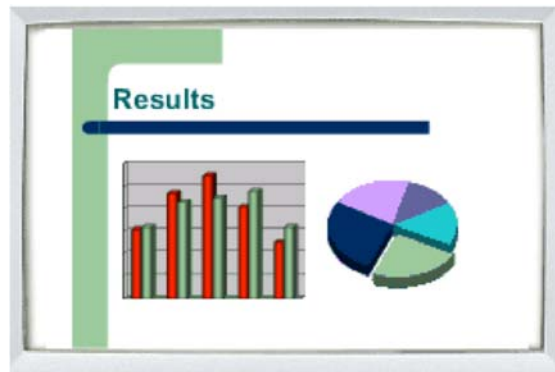
Click the trackwheel. In the menu that appears, the option “View Attachment” is highlighted.

Note: If the “View Attachment” menu item does not appear, ensure that the cursor is positioned on the same line as the filename of the PowerPoint presentation, and try clicking again. If the menu item still does not appear, your handheld does not have the Impatica Attachment Handler software installed. Please contact your BlackBerry administrator to have the handler installed.

Click the trackwheel to select the “View Attachment” menu item.

An animated pinwheel graphic appears to indicate that the conversion request has been made. Once the first slide of the presentation has been converted, it will be received by the BlackBerry and will be displayed.

During the conversion process, the presentation will automatically be sized and oriented to best fit the screen of your BlackBerry handheld. It maybe necessary to rotate your handheld in order to view the presentation as it is displayed.



The presentation will play on the BlackBerry as it would have in PowerPoint, complete with formatted text, graphics, charts, animations, slide transitions and hyperlinks. Sounds in the PowerPoint file will be ignored, as they are currently unsupported on the BlackBerry. Use the BlackBerry handheld's Space key to advance presentations wherever you would use the mouse click to advance in PowerPoint.

When you have finished viewing the presentation, click the ESC button on the side of the handheld, or select the "Close" menu item. This returns you to the e-mail application.

The Impatica Attachment Handler will automatically temporarily store recently received presentations, to a maximum of three presentations or the allocated storage size. This enables quick subsequent viewing of these presentations. Additionally, these presentations will be accessible even when outside of wireless coverage. Temporarily stored presentations will be replaced as necessary to provide storage space for newly received presentations. In order to protect presentations from being removed from the handheld, presentations may be saved during viewing by choosing the Save menu item.

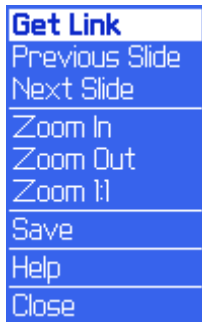
Temporary and saved presentations can be viewed and managed via the Impatica Presentation Viewer application.

4 Presentation Playback

Presentations viewed as an e-mail attachment and those accessed through the Impatica Presentation Viewer will be displayed in the same manner, replicating the way in which the presentation would have played using Microsoft PowerPoint on a desktop computer. Presentations may be advanced by pressing the space bar in place of the mouse click that would have been used during playback in PowerPoint.

While the presentation is playing, you can use the presentation menu to navigate, zoom, save and exit the presentation. To access the menu, click the trackwheel. A description of the menu items and their functions follows.

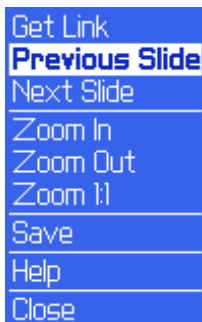
Get Link



Activates the currently selected hyperlink within a slide.

A selected hyperlink on a slide is indicated by a dashed rectangle. To activate a hyperlink, first scroll the trackwheel to select the hyperlink of interest, then click the trackwheel to open the presentation menu and select the Get Link menu item.

Previous Slide



Navigates to the previous slide in the presentation. This has no effect if selected when the first slide of the presentation is being viewed. Moving to the previous slide while zoomed in will first zoom out to the original size, and then move to the previous slide.

Shortcut: Press the Del key to navigate to the previous slide in a presentation.

Next Slide



Advances to the next slide in the presentation. Selecting this while viewing the last slide in the presentation causes playback to jump to the first slide in the presentation. Moving to the next slide while zoomed in will first zoom out to the default state, then resume playback on the next slide.

Shortcut: Press the Space key to advance to the next slide in a presentation that has slides that are set to advance on click.

Zoom In



Zooms in more closely to the presentation, allowing you to see detail and read text that is difficult to see at full size. During an animation, or a timed slide, all playback will pause.

- To pan horizontally across the BlackBerry screen, scroll the trackwheel.
- To pan vertically across the BlackBerry screen, hold the Alt key and scroll the trackwheel.

Shortcut: Hold the Shift key and scroll the trackwheel up to zoom in.

Zoom Out



Zooms out from the presentation to see more of the slide. This command is only valid while in a zoomed-in state; pressing it while viewing that the original size will have no effect.

Shortcut: Hold the Shift key and scroll the trackwheel down to zoom out.

Zoom 1:1



Returns the presentation zoom level to the original size, so that the entire slide can be seen.

Save

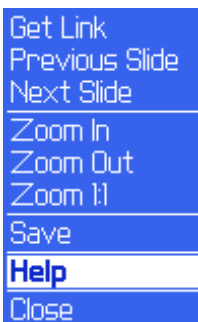


Saves the presentation on the BlackBerry handheld for future viewing.

The Impatica Attachment handler will automatically temporarily store the three most recently received presentations for quick subsequent viewing. However, these temporary presentations will be overwritten as new presentations arrive.

By saving a presentation, it will remain on the handheld until it is manually deleted via the Impatica Presentation Viewer (accessible from the BlackBerry Home Screen).

Help



Presents information on how to use the Impatica Attachment Handler.

Close



Closes the presentation and returns the user to the e-mail message.

Shortcut: Press the ESC button on the side of the handheld to close the presentation.

5 Impatica Presentation Viewer

The Impatica Presentation Viewer is an application that is accessible via the BlackBerry Home Screen. It provides a means to view and manage presentations that have been recently received as well as presentations that have previously been saved.

To launch the Impatica Presentation Viewer, select it from the BlackBerry Home Screen. Once it has opened, you will be presented with a list of all of the currently stored presentations, categorized as “Saved Presentations” and “Temporary Presentations.”

Temporary Presentations: When a PowerPoint attachment is converted and viewed, the converted presentation will automatically be stored as a temporary presentation, replacing, if necessary, an existing temporary presentation. This allows for quick subsequent viewing of presentations that have recently been received. No more than three temporary presentations will be automatically stored. The total file size of the temporary presentations may not exceed the maximum handheld cache size, which is accessible through the Options command (see below).

Saved Presentations: Presentations that have been saved will remain on the BlackBerry handheld until explicitly deleted.

From the presentation list, each presentation can be viewed or deleted. Temporary presentations may be saved by moving them to the Saved presentation list. In addition, saved presentations may be moved to the Temporary presentation list.

To view a presentation:

1. Use the trackwheel to select a saved or temporary presentation.
2. Click the trackwheel to access the menu.
3. Select “View Presentation.”

To delete a presentation:

1. Use the trackwheel to select a saved or temporary presentation.
2. Click the trackwheel to access the menu.
3. Select “Delete.”

To delete all saved or all temporary presentations:

1. Use the trackwheel to select the heading “Saved Presentations” or “Temporary Presentations.”
2. Click the trackwheel to access the menu.
3. Select “Delete.”

To move a saved presentation to temporary:

1. Use the trackwheel to select a saved presentation.
2. Click the trackwheel to access the menu.
3. Select “Move to Temporary.”

To move a temporary presentation to saved:

1. Use the trackwheel to select a saved presentation.
2. Click the trackwheel to access the menu.
3. Select “Move to Saved.”

To view/edit the maximum temporary presentation storage space:

1. Use the trackwheel to select the heading “Temporary Presentations.”
2. Click the trackwheel to access the menu.
3. Select “Options.”
4. The maximum temporary presentation storage space, or “Maximum Cache Size” is presented. If your administrator has provided you with the authorization to modify this value, you can enter a new value to either increase or decrease the maximum amount of storage space (in bytes) that may be used for temporary presentations.