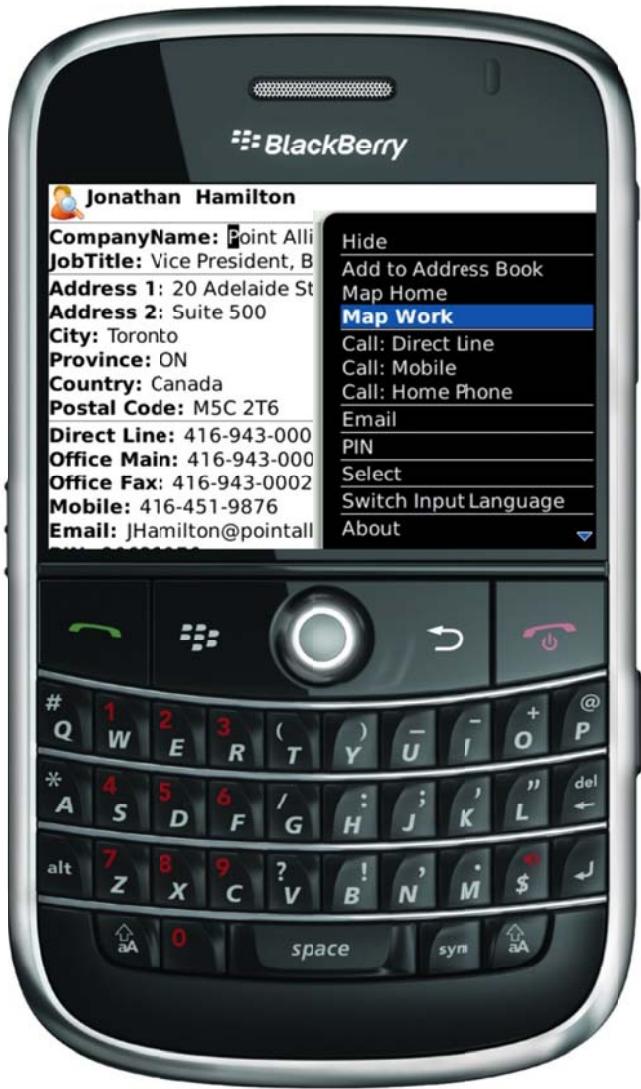


# Mobile Domino for BlackBerry®



Document Version: 1.5



POINT ALLIANCE

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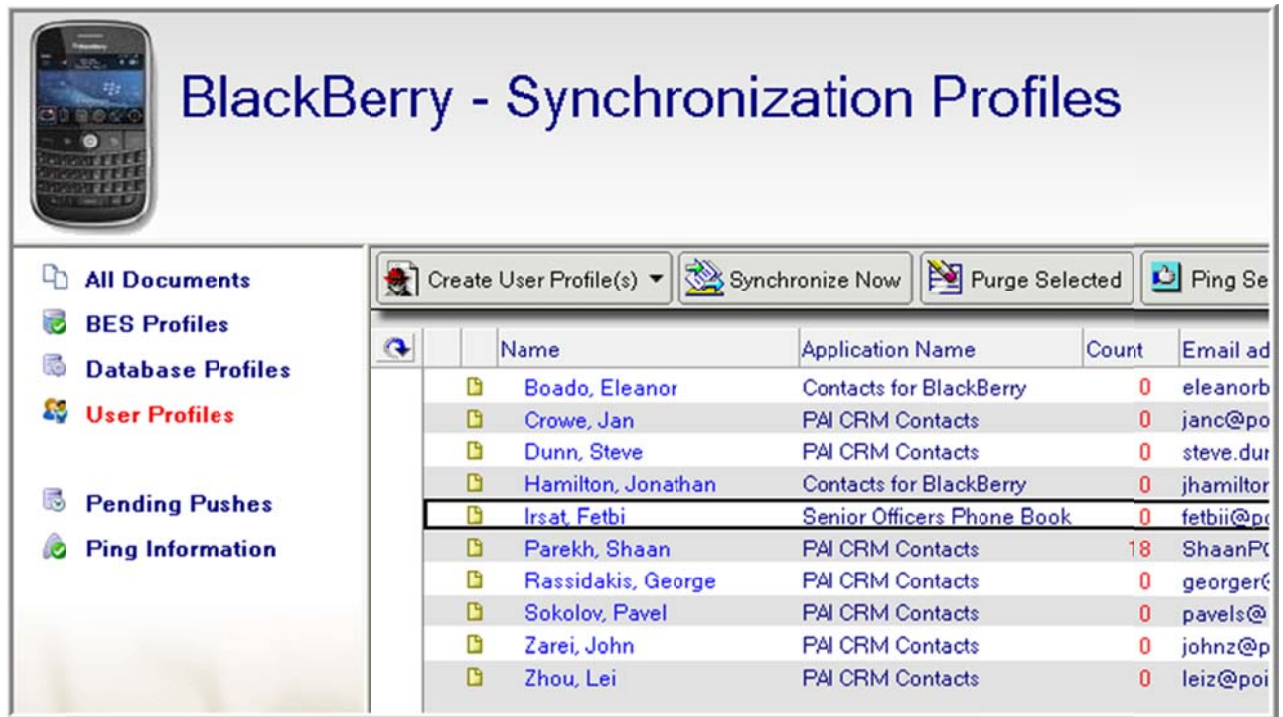
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## 1. Overview

The Mobile Domino for BlackBerry® (MDB) comprises a server component and a native J2ME application which runs on the BlackBerry® device. Data stored in any Domino-based application can be extended to devices running the J2ME component. By leveraging the local data store on the BlackBerry®, content can be accessed regardless of device network connectivity.

## 2. Server Functionality

The databases residing on the IBM® Lotus® Domino® server comprise a Mirror database and the BlackBerry® Sync Profiles database. The IBM® Lotus® Domino® server where these two databases are located does not have to be the same server as your corporate database(s) or your BlackBerry® Enterprise Server (BES).



**BlackBerry - Synchronization Profiles**

Navigation: All Documents, BES Profiles, Database Profiles, **User Profiles**, Pending Pushes, Ping Information

Actions: Create User Profile(s), Synchronize Now, Purge Selected, Ping Se

Name	Application Name	Count	Email ad
Boado, Eleanor	Contacts for BlackBerry	0	eleanorb
Crowe, Jan	PAI CRM Contacts	0	janc@po
Dunn, Steve	PAI CRM Contacts	0	steve.dur
Hamilton, Jonaihan	Contacts for BlackBerry	0	jhamilton
Irsat, Fetbi	Senior Officers Phone Book	0	fetbii@pe
Parekh, Shaan	PAI CRM Contacts	18	ShaanPC
Rassidakis, George	PAI CRM Contacts	0	georgerc
Sokolov, Pavel	PAI CRM Contacts	0	pavels@
Zarei, John	PAI CRM Contacts	0	johnz@p
Zhou, Lei	PAI CRM Contacts	0	leiz@poi

**BlackBerry® Sync Profiles database**

The mirror database is used to store data during the synchronization process. There is no user interface or interaction with this database.

The BlackBerry® Sync Profiles database contains the following profile documents which are used to control the redirection of data:

- BES Profile
- Database Profiles
- User Profiles
- Global Administration settings

The **BES Profile** lists all the BlackBerry® Enterprise Servers in your Domino Environment, along with configuration settings.

The **Database Profiles** list the Source Domino databases whose content will be extended to the BlackBerry® devices. Settings on these documents include the Source Domino database server and file path, the source view name in the database, and the list of fields to forward to devices. All the content pushed to the devices is configurable – fields, field labels, field types, etc. Further, filters can be created to control/restrict what data different users will receive.

**Database Profile**  
**PAI CRM Contacts**

Application Name: PAI CRM Contacts

BlackBerry Application Key: 250d4ce8b8ed6812

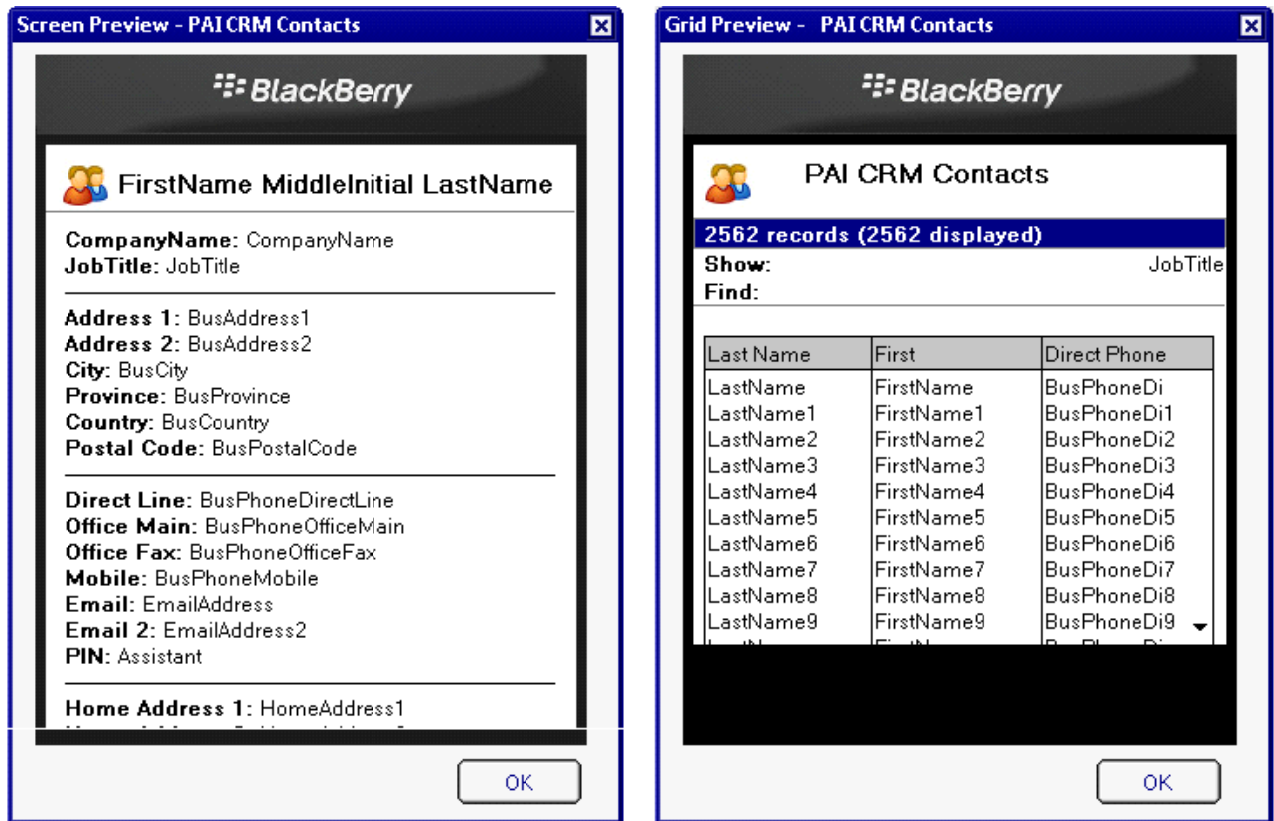
Database Information | Screen Layout | Grid Layout | Filters

Add Field | Add Multiple Fields | Preview Screen

Field Label	Field Name	Field Type	PIM Mapping
First	FirstName	Text	First Name
Initial	MiddleInitial	Text	
Last	LastName	Text	Last Name
CompanyName	CompanyName	Text	Company
JobTitle	JobTitle	Text	Job Title
Address 1	BusAddress1	Text	Work Address Line 1
Address 2	BusAddress2	Text	Work Address Line 2
City	BusCity	Text	Work Address City


Database Profile

Preview actions on the Database Profile document allow you to immediately preview the layout of the screen and the Main Grid (on the BlackBerry® device).



Screen and Grid preview

**User Profiles** are created for each Mobile Domino for BlackBerry® user. One User Profile is required for each Domino database being extended to the user.



## User Profile - Shaan Parekh

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<a href="#">Name</a>	Shaan Parekh
<a href="#">Email Address</a>	ShaanP@pointalliance.com
<a href="#">Record Count</a>	18
<a href="#">Database Profile</a>	PAI CRM Contacts
<a href="#">Title</a>	Point Alliance CRM Contacts
<a href="#">Server</a>	Atlantis/PointAlliance
<a href="#">File Name</a>	Internal\CRM\CRM_Contacts.nsf

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<a href="#">Field List</a>	<input checked="" type="checkbox"/> First (Header) <input checked="" type="checkbox"/> Initial (Header) <input checked="" type="checkbox"/> Last (Header) <input checked="" type="checkbox"/> CompanyName <input checked="" type="checkbox"/> JobTitle <input checked="" type="checkbox"/> _____ <input checked="" type="checkbox"/> Address 1 <input checked="" type="checkbox"/> Address 2	<a href="#">Filter List</a>	<input checked="" type="checkbox"/> Department (Contains) Sales
----------------------------	---	-----------------------------	---

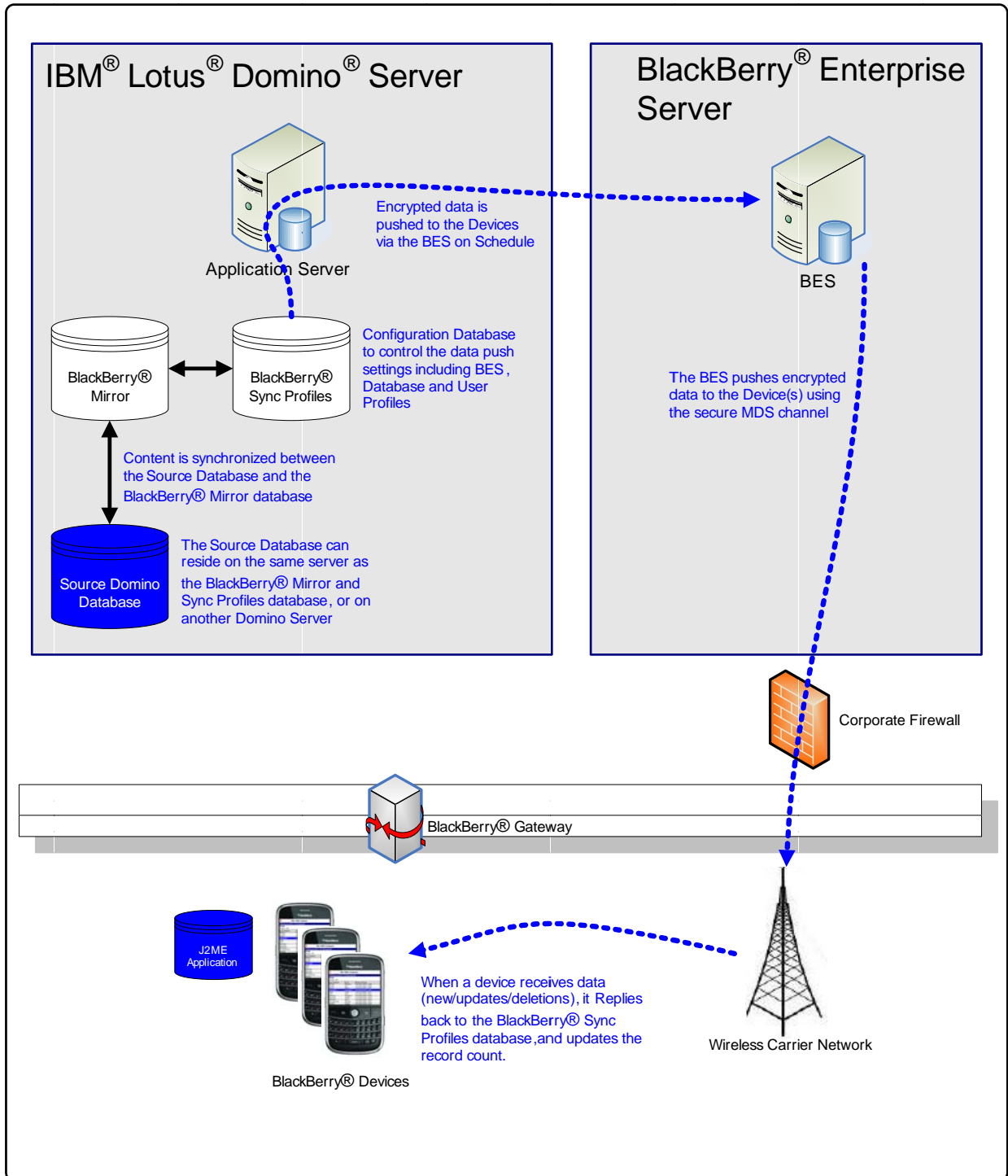
### User Profile

Once the profiles have been created, data is synchronized between the Source Lotus Domino database and the BlackBerry® Mirror database on schedule (see section 3 – Data Flow). When the process runs, data is first synchronized between the Mirror database and the Source Lotus Domino database. A Java agent is then called to push changes to the devices (new records, edits and/or deletions).

Administrative actions within this database include:

- “pinging” devices (to ensure the application is loaded on a device and to confirm the application version),
- immediately push data to devices (rather than waiting for the schedule runtime) and
- purge data from selected devices.

### 3. Data Flow – IBM® Lotus® Domino® database to BlackBerry® devices



## 4. Device Functionality

The application running on the device is a native J2ME application. Once deployed on the device, the user will have a custom, unique Icon used to launch the application.

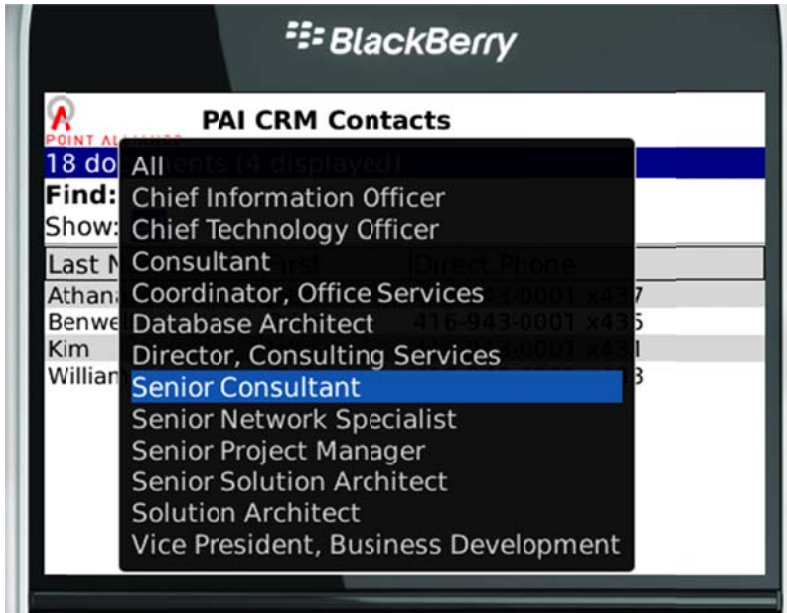


When clicked, the application opens to display the default list. A custom banner icon and Application Name is displayed.

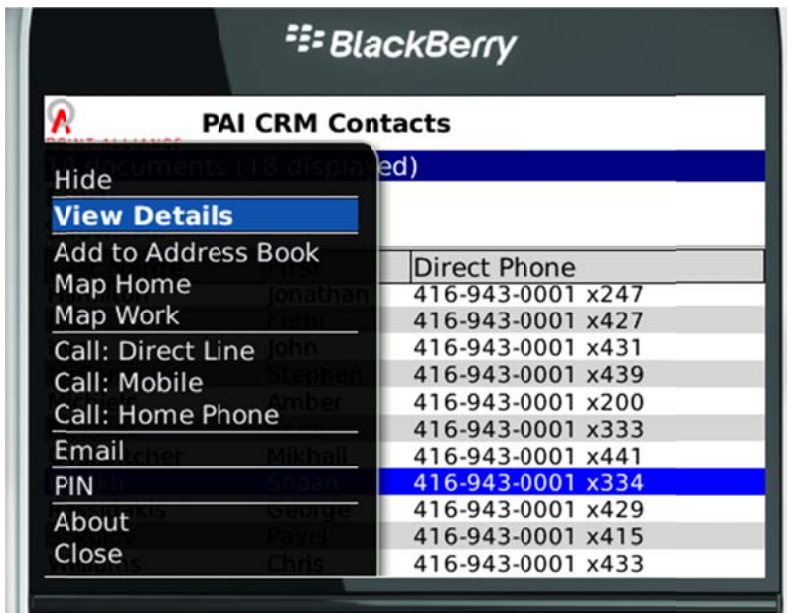
Last Name	First	Direct Phone
Hamilton	Jonathan	416-943-0001 x247
Irsat	Fetbi	416-943-0001 x427
Kim	John	416-943-0001 x431
McCann	Stephen	416-943-0001 x439
Michiels	Amber	416-943-0001 x200
Mokrzec	Anne	416-943-0001 x333
Ovsichtcher	Mikhail	416-943-0001 x441
Parekh	Shaan	416-943-0001 x334
Rassidakis	George	416-943-0001 x429
Sokolov	Pavel	416-943-0001 x415
Williams	Chris	416-943-0001 x433

“Find” functionality allows the user to quickly filter data using type-ahead. The type-ahead filters based on any column listed in the grid. This gives users the ability to quickly locate data. The status bar displays the total number of records, as well as the number of records displayed.

The “Show” keyword allows the Grid content to be filtered by a configurable Grid Filter field. This option can be turned on or off on the Database Profile document.



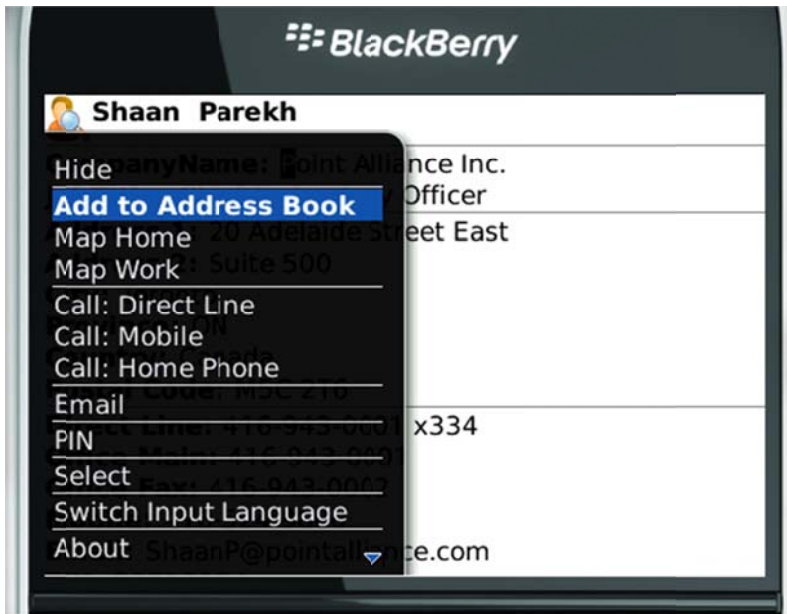
Menu options allow users to perform various actions. The actions vary depending on the data on the selected record. For example, the “Email” menu option is only available if the selected record has a valid email address.



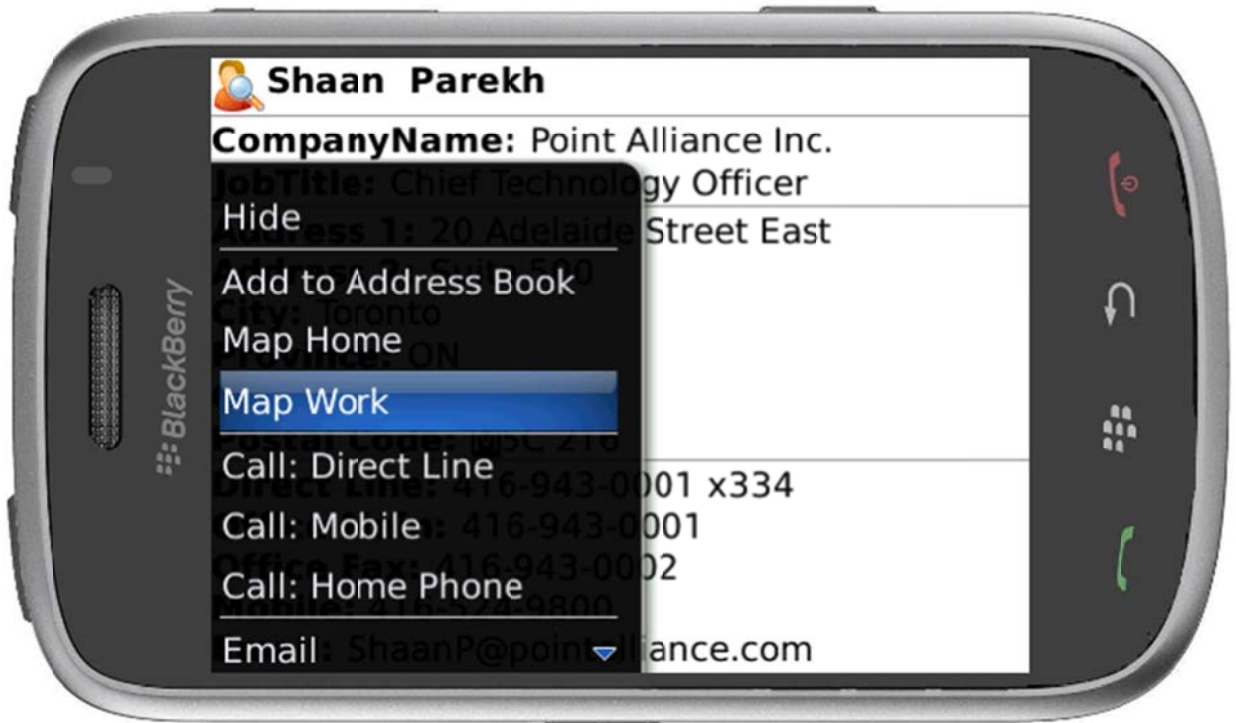
Intuitive default menu options will always be presented (as is the case with native BlackBerry® applications). Selecting the “View Details” menu option will open up the record for viewing.



Further menu options allow the user to interact with the record while viewing the details. Most of these menu actions are also available from the main view. Actions include the ability to add a contact to the native BlackBerry® address book. As is the case with the menu presented in the main view, the menu options vary depending on the data present on the record.



Integration with BlackBerry® maps is also available via the menu actions.



Once selected, the application passes address information to BlackBerry® maps, and displays the location.



## 5. Customizations prior to deployment

The following design elements are customized for each deployment of Mobile Domino for BlackBerry®:

- Application Icon and Name
- Application Header graphic (main list)
- Application Record graphic (if required)

## 6. Application deployment

There are several ways of deploying the application to devices. These include:

- A manual URL download
- An automated BES push (using a software configuration)
- Over the wire using the BlackBerry® Desktop software

Details on deployment can be discussed in more detail.

## 7. System Requirements

The following are some of the mandatory system requirements:

- IBM® Lotus® Domino® server running http version 6.x+
- BlackBerry® Enterprise Server with MDS version 4.1+
- BlackBerry® device running OS v 4.2+

## 8. Contact Us

For more information or to arrange a demo, please contact:

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Or

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