

# Oracle Communications

## Cartridge Feature Specification for the RIM Blackberry (SOAP I/F)

**Vendor:** *RIM*

**Technology:** *Blackberry*

**Software Load / Interface Version:** *1.7*

**Protocol:** *SOAP / HTTPS*

**Rollback Supported:** *Yes*

**Complexity:** *Low*

**NE Interface Specification:** *RIM BlackBerry Provisioning System – SOAP Interface Specification, V 1.7*

**NE Description:** *RIM Blackberry device provides the following services to mobile subscribers:*

- *Blackberry Internet Service Browsing*
- *Blackberry Instance Messaging*
- *Blackberry email Services*

### Host Element Definition:

- Supports multiple connections to the network element
- Configurable Blackberry.net target URL
- Configurable login credentials (userid and password)
- Configurable connection timeout
- Configurable read timeout (on responses from the NE)
- Supports proxy tunneling (connection to NE via web proxy)

### Supported Atomic Actions

| Atomic Action                        | Description  |
|--------------------------------------|--|
| Activate Blackberry services         | Activate a new subscriber's Blackberry service   |
| Deactivate Blackberry service        | Cancel an existing subscriber's Blackberry service                                       |
| Modify Blackberry non-billing data   | Allow for a non-billing attribute to be modified   |
| Modify Blackberry billing identifier | Allow for the billing identifier to be modified  |
| Query Blackberry service             | Gather status information associated with Blackberry services                            |
| Resume Blackberry service            | Results in the resumption of a subscriber's Blackberry service (from a suspended state). |
| Suspend Blackberry service           | Results in the suspension of a subscriber's  |

|  |                     |
|--|---------------------|
|  | Blackberry service. |
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## Cartridge Deliverables

### Software:

- Atomic Actions (for testing purposes)
- Service Actions (for testing purposes)
- Action Processors
- Connection Handlers
- Installation script
- Sample Network Element Configuration
- Sample Work Orders

### Documentation:

- Cartridge Guide: Containing descriptions of the following items:
  - Atomic Actions
  - Service Actions
  - Installation Procedures
  - Sample Network Element Configuration
- Cartridge Release Record: Indicating the software used during the certification process of the product.

## Customer Acceptance of this Cartridge Feature Specification

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| <p><b>Customer representative authorised to accept:</b></p><br><p><b>Signature:</b></p><br><br><p><b>Date:</b></p> |
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