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Mobility: E-mail and Calendar Mobility Options

Jay Bagley

**Assistant Manager, Distributed Support
Services**



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2007 Horizon Report

- *The convergence of ubiquitous broadband, portable devices, and tiny computers has changed our concept of what a phone is meant to be. A pocket-sized connection to the digital world, the mobile phone keeps us in touch with our families, friends, and colleagues by more than just voice. Our phones are address books, file storage devices, cameras, video recorders, wayfinders, and hand-held portals to the Internet—and they don't stop there. The ubiquity of mobile phones, combined with their many capabilities, makes them an ideal platform for educational content and activities. We are only just beginning to take advantage of the possibilities they will offer. - The Horizon Report 2007 (The New Media Consortium and Educause Learning Initiative)*



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Mobile Device Matrix

<http://www.it.northwestern.edu/hardware/devicematrix.html>



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E-mail on Mobile Devices

– Pop vs. IMAP

- <http://www.it.northwestern.edu/accounts/email/imap/pop-imap-comparison.html>
- It is really a user preference
- Talk to them and determine what is going to best suit them and their needs



Sending E-mail From Your Device

- **If you enter casbah, hecky, lulu, or merle server as the outgoing mail server, you will have to connect via VPN to send e-mail**
- **Sensitive data should never be sent through non Northwestern e-mail servers**



iPhone

- There are configuration instructions for the iPhone on NUIT's website
 - <http://www.it.northwestern.edu/hardware/iphone/index.html>



Blackberry E-mail Configuration

- **Create a new Blackberry e-mail account**
- **Blackberry assigns an e-mail address like `user_defined_name@vzw.blackberry.net` to the new account**
- **Then configure the account with a REPLY TO and AUTO BCC for the user's Northwestern e-mail address**
- **Turn on e-mail replication in NU Mail Tools and configure it to replicate e-mail to the Blackberry address above**
- **The user's Northwestern e-mail will now be replicated to the Blackberry**



VPN Solutions

- **VPN**
 - **Palm**
 - Mergic
 - **Windows Mobile**
 - Native Client
 - **iPhone**
 - Native Client
 - **Blackberry**
 - None Available



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Calendaring in Mobile Devices

- MeetingMaker Palm Conduits
 - Best option
 - No extra cost involved
- NotifyLink



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NotifyLink

- **NotifyLink is a hosted Web service that connects a mobile device directly to the Meeting Maker calendar**
- **Northwestern University Information Technology provides this service for those University schools and departments who require a higher level of service for users with a variety of mobile devices**



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Supported Devices

- **NotifyLink is supported on the following devices:**
 - **BlackBerry Devices**
 - **iPhone/iPod touch Devices**
 - **Palm OS Based Devices**
 - **Symbian Series 60 3rd Edition Devices**
 - **Windows Mobile 5/6 Devices**



NotifyLink

- **Cost**

- **NotifyLink charges an annual fee of \$180 plus a \$20 administrative and server fee. The annual fee is prorated for license purchases made after October 15. The cost is \$15 per month, multiplied by the number of months remaining until October 15 of the renewal year. A one time \$20 administrative and server fee applies to all new license requests**
- **Example: NotifyLink service ordered on December 5, would cost \$170. ($\$15 \times 10 \text{ months} = \$150 + \$20 \text{ administration fee} = \170)**
- **At this time, a valid COA number is the only acceptable method of payment**



NotifyLink Ordering

- **Complete the NotifyLink Account Request Form**
- **Once the order is processed, users will receive an e-mail from NotifyLink that provides configuration information**
 - **NOTE: By ordering the NotifyLink service, you are agreeing to commit through the license cycle, which is from 10/15 to 10/14 each year**
 - **Licenses are non-refundable, however may be transferred to another user or device by completing the NotifyLink Account Request Form**



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More information on NotifyLink available at:

<http://www.it.northwestern.edu/software/meetingmaker/notifylink/index.html>



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Securing your device

- Enable password locking if your device supports it.
- Mobile device encryption is still in the early stages of development.
- Sensitive data should not be stored on mobile devices.



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Blackberry Content Protection

Security

Password: Enabled
Security Timeout: 5 Min.
Lock Handheld Upon Holstering: Yes
Content Protection: **Enabled**
Content Compression: Enabled

IT Policy Name: Default

Last Updated:

Aug 16, 2005 11:09 AM

Time Stamp: Aug 16, 2005 11:10 AM

Although your BlackBerry transmits data over the air very securely, it does not store data on the handheld securely, unless you enable content protection.

To enable content protection, go to *Options* --> *Security* and set Content Protection = enabled, which will also require you to enable a password.

When you enable content protection on your BlackBerry, the BlackBerry will encrypt data that it determines to be sensitive, e.g. emails, browser cache, address book entries etc. This prevents someone with physical access to your handheld, from connecting it to a PC and extracting sensitive data. This will give you piece of mind, if your handheld is lost or stolen.

When you lock your handheld, the BlackBerry will start to encrypt data, initially this may take quite some time. While the BlackBerry is encrypting data, an Open Pad Lock icon will be displayed. When the BlackBerry is finished encrypting data, the Pad Lock icon will close.

The BlackBerry will continue to encrypt new data you enter, or receive over the air.



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Questions?



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