

Junos Pulse allows you to access protected network resources from your Google Android™ handheld device. Junos Pulse Mobile Security protects your handheld device against spyware and viruses such as Trojans, and worms, and includes tools to reduce the risks of lost and stolen devices.

Junos Pulse is supported on Google Android 1.6, 2.1 and 2.2.

Installing Junos Pulse

The Pulse client is available from the Android application store. After you install Pulse, the Pulse icon appears.



Adding a Connection

You can add a connection for each different network you connect to. To define a connection:

1. Start Pulse.
2. Select **Connections**.
3. Select **Add Connection** and specify the connection properties.

Connection name: A descriptive name.

URL: The Web address provided by your administrator.

Uses Certificate: Select this check box if your administrator has provided you with a digital certificate, typically via an e-mail attachment or SMS. If you do not use a certificate, you must provide a username and password when you connect.

Certificate Path: This box is available if you selected the **Uses Certificate** check box. Select **Pick** to browse to the certificate file.

Key Path: This box is available if you selected the **Uses Certificate** check box. Enter the network key provided by your administrator.

4. Select **Create Connection**.

Connecting

Pulse uses your device's 3G, 4G, or WiFi connectivity to establish an authenticated connection to a protected network. To connect:

1. Start Pulse.
2. Select **Connect**.

Using Pulse

NOTE: The features available to you depend on how your administrator has configured access and security settings.

Pulse includes the following features:

Connections: Lets you add, edit, and remove network connections.

Intranet: Provides Web links configured by your administrator.

Email: Launches your e-mail application.

Security: Provides access to Pulse Mobile Security features.

Status: Lets you view, delete, and e-mail the Pulse log files, which you might need to do in a troubleshooting operation. The log files show all security incidents, such as virus scan times and viruses discovered.

About: Version information about the Pulse software.

Viewing Connection Status

The status of your current connection appears at the bottom of the Pulse window in the status bar. An icon indicates whether the connection is active or inactive.

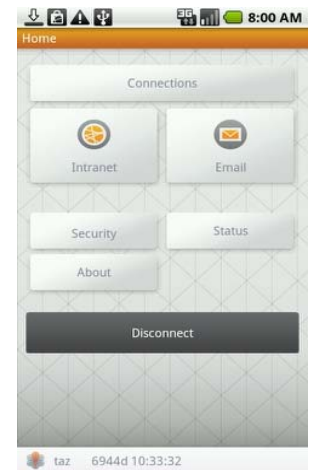
 Connection is active  Connection is inactive

The status bar also shows the number of days, hours, minutes and seconds left for your current session.

Registering Pulse Mobile Security

Pulse Mobile Security is an optional feature of Pulse. You must register Pulse Mobile Security before you can access the security features. You do not need to have an active Pulse connection to register Pulse Mobile Security. To register Pulse Mobile Security:

1. Start Pulse.
2. Select **Security**.
3. Optionally, enter an **Email** address and **Password**. (Email and password information is not used at this time.)
4. Specify the **License Code** provided by your administrator. Your device's phone number appears in the Phone Number box. (The phone number must include the country code. For example, in the US, either 16175551234 or +16175551234 is correct.)



5. Click **Register**.

After you register, the Security button lets you view and manage your security settings.

Opening Pulse Mobile Security

After you register Pulse Mobile Security, use the **Security** button to open the Security screen, where you can work with the following Pulse Mobile Security features:

- **AntiVirus:** Control antivirus activities.
- **Monitor and Control:** View monitoring settings.
- **Backup:** Backup contacts.
- **Security Settings:** Set scan intervals.

NOTE: Your administrator can enable or disable client features.



Configuring and Using Pulse AntiVirus

The AntiVirus service protects your handheld device by scanning all files and by scanning secure digital (SD) cards to prevent device infections from malware that may have been stored on the card. To configure and run antivirus features:

1. Start Pulse.
2. Select **Security**.
3. Select **AntiVirus** and configure the following:

Scan Memory Card on Insert: This feature is disabled by default. Select **Enable** to enable it.

Virus Definitions updated on: The latest definitions are loaded when you register, and they are updated on a schedule set by the administrator. To update the definitions manually, select **Update Now**.

Scan all files and folders for viruses: To start a complete system scan, select **Start Now**.

Select a file or folder to scan for viruses: Enables you to scan a selected file, folder, or the installed SD card. Click **Select** to open the component section screen, and choose a scan target.

Scan installed applications for spyware: Select **Start Now**.

View scan results: Select **Open** to view the results of the most recent virus and spyware scans.



Using Monitor and Control

The Monitor and Control screen enables you to view security settings. To view security settings:

1. Start Pulse.
2. Select **Security**.
3. Select **Monitor and Control**.

The Monitor and Control screen shows the settings that are currently in effect along with the log file size limit and the event count limit. If the data volume exceeds the specified limits, the data in question is uploaded to the server.



Using Backup and Restore

Pulse Mobile Security backs up contact and calendar appointment information to a central location. To restore data, you must contact your administrator. The administrator will initiate a restore in the form of an SMS command that tells your handset to contact the server to retrieve your backup.

To back up device data:

1. Start Pulse.
2. Select **Security**.
3. Select **Backup**.
4. Select **Backup Data**.

To restore device data, contact your administrator.



Using Security Settings

Security settings are configured by your administrator, and changes are downloaded to your device. To change security settings:

1. Start Pulse.
2. Select **Security**.
3. Select **Security Settings**.

Update security settings: You can specify how often your device contacts the Pulse Mobile Security server for updated settings. To perform an immediate update, click **Update Now**.

Automatically scan device: You can set the interval between automatic scans. Typically, this setting is configured by the administrator and you cannot change it.

Using Antitheft Features

Antitheft features include remote lock, remote wipe, and GPS tracking. To activate antitheft features, contact your administrator.

Contacting Technical Support

For technical issues, contact your administrator.

Known Issues and Limitations

Android has limitations in its support for certificates. If you experience the "No cert" error, or if Pulse closes unexpectedly when you try to connect, contact your administrator.