

# Mobile Phone Examiner Plus 5.5

## Release Notes

Document Date: 1/24/2014

## Introduction

---

These release notes cover any important information, new and improved features, and current fixed or known issues for AccessData Mobile Phone Examiner *Plus* (MPE+) 5.5. Please note that all known issues published under previous release notes still apply until they are resolved and listed under “Fixed Issues.”

## Important Information

---

- Don't forget to register your copy of MPE+! Registering MPE+ allows you to keep up with all of the MPE+ release notes and product updates. Registration also allows you to receive important MPE+ product announcements. To register, open the *Settings* menu, click **Registration**, and complete the registration dialog.

## New and Improved

---

### Reporting

#### Attach files to reports

You can now attach supporting files to your reports, including PDF, JPG, BMP, PNG, and GIF. This allows you to add the visualization screenshots, parsed images, and additional report items saved to PDF to the completed report. You can also add comments to each attached image to describe the file. The comments are published in the report with the attachment.

#### XML Reporting

You can now export your reports to a standardized XML format.

## Android dLogical™ Component

MPE+ now has an enhanced Android dLogical component. This component extracts logical data from an Android device without inserting a forensic SD card. The dLogical collection uses the temporary folder on the Android device during the extraction.

With dLogical, you no longer need to replace the SD card with a forensic SD card for the collection. By keeping the original external SD card in the device, you can collect media data and application data as well as collect from Android devices that do not have external SD card slots. dLogical replaces all Android extraction methods and collects from all Android devices currently available.

From Android devices, you can now collect:

- Device Information
- Call Logs
- SMS
- MMS
- Contacts
- Calendars
- BookMarks
- Web History
- Known Wi-Fi hotspots
- Paired Bluetooth Devices
- User Installed applications
- System Installed applications
- Media Files
- Text Files

When the collection completes, you can view the data in MPE+.

## Android dSOLO™ Feature

MPE+ now has the ability to format a MicroSD card with selected capabilities to extract from any Android device with an external SD Card slot. The new dSOLO feature allows you to create an extraction profile containing the data items to extract within MPE+ and then compile that profile to a MicroSD card. You can then insert the provisioned dSOLO card into an Android device independent of any connection to MPE+. The configured dSOLO application is then initiated on the Android device and the previously selected extraction capabilities are extracted from the device onto the SD Card in a format that can only be read in MPE+.

When extraction completes, you can read the SD Card containing the dSOLO data using the **Read dSOLO File** option from the MPE+ toolbar. Once the data is read, it is immediately available for preview, reporting, and analysis in MPE+.

Once an SD card is formatted with dSOLO, you can use the same SD card to extract from multiple devices using the same profile without reconfiguring the SD Card in MPE+.

Requirements:

- Android USB debugging must be enabled
- Computer's RSA fingerprint must be authorized (for Android 4.2 and greater)

## pythonScripter<sup>TM</sup>

The pythonScripter allows you to use Python scripts on directories and files in MPE+ to increase searching, carving, and parsing abilities. You can select pre-loaded python files or browse to your own personal python scripts from the pythonScripter dialog. You can also create, modify, and edit scripts within our built in pythonScripter shell.

With pythonScripter, you can view the results instantly and then publish the results to MPE+. The published results can then be included in reports and saved to an AD1 file.

## SQL Builder

SQL Builder allows you to extract user designed and configured data from any SQLite file in MPE+. You can now extract application data that was not attainable in a common format without using a third-party tool. Multiple table selection, foreign keys, and data type assignment are all supported within the MPE+ SQL Builder. Once your SQL script is built using the MPE+ SQL Builder interface, you can execute the query and then publish the extracted data to MPE+. The published data can be saved to an AD1 file and the data can be included into any MPE+ report.

You can also import SQL Builder scripts created by other users into your SQL repository for future use.

## AD Triage<sup>TM</sup> Integration with MPE+

MPE+ now displays data captured by AccessData Triage. AD Triage is a tool used for on-scene preview and to collect from computers that are live or have been shut down. In MPE+, you can:

- Import AD Triage collected data
- Create reports with the AD Triage data
- View AD Triage data in *Data Views*
- Use alerts and other MPE+ tools with AD Triage data
- Import phone backup files for Apple and Blackberry devices after the Phone Profile is utilized by AD Triage
- Locate lockdown plist files from desktops and laptops using AD Triage, and then utilize the collected data in MPE+.

**Note:** Using the lockdown plist files, you can unlock iOS devices that are PIN or Password protected.

## MPE+ Velocitor<sup>TM</sup>

MPE+ Velocitor added device support for:

- Android models for MTK (65xx) and Spreadtrum (6820/8810)
- All CoolSand models
- All TI (Texas Instruments) models
- Infineon CPU models (7870/7880/7890/7900/8808)

# Fixed Issues

---

## Importing

### MPE+ Velocitor

- Importing an MPE+ Velocitor image now correctly displays the import in the Most Recently Used list. (35755)

## Extracting/Collecting

- Parsing a BlackBerry 9630 no longer generates a runtime error with subsequent MPE+ crash. (21063)
- Extracting SMS data using the BlackBerry IPD parser no longer crashes the parser. (30388)
- When importing and parsing an iOS 7 Encrypted Backup, MPE+ now recognizes the correctly entered password on the password dialog. (32174)
- Cancelling an iLogical connection now correctly removes the device's information from the Device Information View. (31920)
- Connecting to a screen-locked device using iLogical no longer fails on the first attempt. (31862)

## Viewer

- Using the Find feature in the Hex Viewer now allows you to search for Hex Values. (35840)

## Reports

- MMS and Email Attachment information now appear correctly in the CSV reports. (31645)

# Known Issues

---

## MPE+/FTK Compatibility

- SMS Sent and Received timestamps from images created with MPE+, are not displayed in FTK. (33446)

## Administration

- When there are no iOS device files downloaded, MPE+ displays a warning that states that Apple Device Files are missing.  
**Workaround:** Download at least one iOS device file. (34508)

## Importing

- Entering an incorrect certificate password closes the password prompt dialog and does not generate an error. (33217)

## Extracting/Collecting

- Using the iDEN device drivers to connect to a device attempts to install additional device drivers and fails.  
**Workaround:** Open *Device Manager*, right-click the iDEN device, and click **Update Driver Software**. Browse the computer for driver software and select the option to choose from a list of drivers. Select **Show All Devices** and click **Next**. Click **Have Disk** and browse to the iDenAD folder. Select *FlashPatriot\Flash\_P2K\_Patriot.inf*, click **OK**, and then click **Next**. When the driver installs, MPE+ continues with the initial extraction. (32311)
- The File System information does not extract from legacy Susteen devices. (32381)

## Android

- Some Nexus Physical Extractions using Android Other Physical create empty (0 byte) files. (32642)

## dLogical

- Contact photos do not display when extracting using dLogical. (33569)

## iOS

- You cannot append newly parsed data to existing Data Views. (34180)
- Mobile Device Management software that does not allow an iOS device to perform a backup fails when Apple Mobile Backup is selected.  
**Workaround:** You can obtain data using the **Extended User Databases** selection. (32204)

## BlackBerry

- Clicking **Cancel** when connecting to a BlackBerry device (using the **Blackberry > Generic Device Option**) does not cancel the operation. (33741)

## Parsing

- At times, MPE+ displays double the actual carving data. (32900)
- MPE+ stops responding when attempting to *Parse for Deleted Data* a file without an extension. (33617)

## Reviewing

- Date/Time may display incorrectly due to MPE+'s date/time conversion process. (34034, 34114)
- With Android devices, the Number of Times Contacted information on the Call History tab is unreliable. (34432)

## pythonScripter

- Clicking **Clear** does not purge the data from the console. (33444)
- The pythonScripter view is unable to display Unicode. (35701)

## SQL Builder

- The SQL Builder does not recognize SQL databases imported over a network.  
**Workaround:** Copy the database import file to a local drive before importing. (33981)
- Importing a saved query does not validate that the database has the required tables and columns. (34766, 34794)

## Viewer

- Some audio files extracted using dLogical do not open in the *Natural Viewer*. (33605)
- The *Natural Viewer* does not display HTML containing script tags when *Active Scripting* is enabled in Internet Explorer 10 or later.  
**Workaround:** Disable *Active Scripting* in Internet Explorer before opening MPE+. To disable Active Scripting in Internet Explorer, click **Settings, Internet Options**, and click the *Security* tab. Click **Custom Level** and disable *Active Scripting*. (34319)
- Resizing the MPE+ window while displaying the Hex viewer dialog does not properly resize the Hex viewer pane. (32897)

## dSOLO

- The Conversation View's Date/Time stamp is missing from dSOLO collected SMS data. (34013)

## Reports

- The *Print Report* Dialog does not format correctly on low resolution screens, obstructing the **Investigator Information** and **Close** buttons. (33509)
- The *Summary* field displays in a different font and size than the other report fields. (33879)

- Changing a report's orientation to landscape does not change the data's orientation. (34759)
- Carved and Media Image file hashes are not included in PDF reports. (34767)
- Image file hashes are not included in XML reports. (34768)

## Triage

- The **Import from a Triage Device** option does not import the Item Count in:
  - The *DNS Cache Data View* (34628)
  - The Microsoft Management Console History (34631)
- The *IP Config Data View* displays even when there is no IP Configuration data to display. (34649)
- The **Import from a Triage Device** option does not import *Network Adapter* data even when there is *Network Adapter* data available. (34652)

## Comments?

---

AccessData values feedback from customers. Please contact us at [support@accessdata.com](mailto:support@accessdata.com) or send documentation issues to [documentation@accessdata.com](mailto:documentation@accessdata.com).

# Mobile Phone Examiner Plus 5.4

## Release Notes

Document Date: 09/19/2013

## Introduction

---

These release notes cover any important information, new and improved features, and current fixed or known issues for AccessData Mobile Phone Examiner *Plus* (MPE+) 5.4. Please note that all known issues published under previous release notes still apply until they are resolved and listed under “Fixed Issues.”

## Important Information

---

- Don't forget to register your copy of MPE+! Registering MPE+ allows you to keep up with all of the MPE+ release notes and product updates. Registration also allows you to receive important MPE+ product announcements. To register, open the *Settings* menu, click **Registration**, and complete the registration dialog.
- In the Device Selection dialog, an iOS phone list no longer displays in the *Model* menu with Apple selected in the *Manufacturer* menu. The only model option for Apple devices is now called **iLogical Device**. MPE+ automatically extracts from supported Apple devices when you select the iLogical Device option. To view a list of supported Apple devices, visit the AccessData website: <http://www.accessdata.com/products/digital-forensics/mobile-phone-examiner>

## New and Improved

---

### iTunes Requirement

MPE+ no longer requires iTunes for logical extractions. This change eliminates previous conflicts when collecting from Apple devices using various iTunes versions. iTunes may reside on the same examination computer as MPE+ but is no longer needed for MPE+ collections.

### iLogical Device Option

The new iLogical device option allows MPE+ to collect from all Apple iOS devices beginning with version 1.0 up to the current iOS version. It can also collect from many extended sources of data beyond what most logical products deliver. In MPE+, the iLogical device is now the only option in the *Model* menu when selecting Apple in the *Manufacturer* menu. When you select this option, MPE+ automatically extracts information from supported Apple devices. For a list of supported Apple devices, visit the AccessData website:



<http://www.accessdata.com/products/digital-forensics/mobile-phone-examiner>

On locked devices, you can enter the password or provide an existing pairing record that may be located on a computer to which the device was synced. MPE+ will auto-detect what information is available. If the device is unlocked and the device has encryption enabled via iTunes, MPE+ can still extract selected data from the device if the passcode for iTunes is unknown.

This information may include:

## Apple Backup Service

- This collects standard user data such as: browser history, contacts, call history, SMS, etc.
  - You can only collect this information if the device is unlocked and you know the iTunes password (if it has been set on the device).

## Application Network Usage and Diagnostics

- This collects basic network and device information such as: a list of applications installed on the device, model, serial number, iCloud conflict information, etc.
  - You can collect this information even if the device is encrypted with an iTunes password and you do not know the password.

## Device Diagnostics

- This collects low-level phone information such as: battery cycle, IORegistry path, etc.
  - You can collect this information even if the device is encrypted with an iTunes password and you do not know the password.

## Extended Third-Party Application Data

- This collects all caches and databases related to each App Store application on the device, including user credentials, databases of friends, accounts, etc.
  - You can collect this information even if the device is encrypted with an iTunes password and you do not know the password.

## Extended User and System Databases

- This collects detailed logs and databases residing on the phone such as: screenshots of suspended applications, activation and pairing records, address book, voicemail stored on the device, etc.
  - You can collect this information even if the device is encrypted with an iTunes password and you do not know the password.

## User Media Folder

- This collects the user's entire media folder, including iTunes music, photo reel and album, personal recordings, etc.
  - You can collect this information even if the device is encrypted with an iTunes password and you do not know the password.

## Entire File System

- If a jailbreak tool is installed on the device, the entire file system for the device will populate in MPE.
- This includes all raw data, email, etc.

(**Note:** See the MPE+ User Guide for a full list of information collected using the iLogical device option.)

## Support for iOS 7

MPE+ now supports collections from devices using Apple iOS 7.

## Processing Speed

Processing speeds have improved significantly. In many cases, speeds are six times faster than early versions of MPE+.

## Mass Storage

The **Create Image** button is now called **Mass Storage** to better clarify the button's function. This button allows you to collect physical data from mass storage devices, including:

- SD cards
- Flash Drives
- Hard Drives
- And so forth

## Fixed Issues

---

### Installation

- After installation completes, the MPE+ *Home* window displays. (30697)

### Extracting/Collecting

- Extracting Corrected Text now displays the correct Auto Text Occurrence count. (10499)

### Parsing

- MPE+ now displays MMS data correctly when one or more messages contain multiple recipients. (30099)
- Android parser no longer duplicates email data in the *Data View*. (31647)
- Fixed the issue where the *Data View* did not display after parsing an Address Book using the iOS parser. (30801)

## Importing

- Importing an image and clearing the cache now correctly clears the cache. (30579)

## Reports

- Corrected report headings to match the Data View window in MPE+, including:
  - Changed “Phonebook” heading in report to “Contacts”
  - Changed “Emails” heading in report to “Email”
  - Changed “User Dictionary” in report to “Dictionary” (31144)

## Known Issues

---

- MPE+ does not support iOS 3 backup encryption. (31098)
- Using the automatic iOS parser for the Mobile\Applications directory fails.  
Workaround: Manually parse the Mobile\Applications directory. (31585)

## Comments?

---

AccessData values feedback from customers. Please contact us at [support@accessdata.com](mailto:support@accessdata.com) or send documentation issues to [documentation@accessdata.com](mailto:documentation@accessdata.com).

# Mobile Phone Examiner Plus 5.3.4

## Release Notes

Document Date: 8/20/2013

### Introduction

---

These Release Notes cover important information, New and Improved, and fixed/known issues for AccessData Mobile Phone Examiner *Plus* (MPE+) 5.3.4. Please be aware that all known issues published under previous release notes still apply until they are resolved and listed under “Fixed Issues.”

### Important Information

---

Don't forget to register your copy of MPE+! Registering MPE+ allows you to keep up with all of the MPE+ release notes and product updates. Registration also allows you to receive important MPE+ product announcements. To register, open the *Settings* menu, click **Registration**, and complete the registration dialog.

### New and Improved

---

#### Data Views

- MPE+ now includes a new database column in the Phonebook and Calendar views. The database column displays which database source is associated with that particular phonebook or calendar.

### Fixed Issues

---

#### Installation

- Installing device drivers no longer cause the install to hang. (10364)

#### Extracting/Collecting

- Fixed the issue where MPE+ was hanging during initialization while connecting to Extraction Agents. (28353)
- Fixed the issue where the Manufacturer field was not resetting after an extraction. (28649)

## Encrypting/Decrypting

- Entering an incorrect certificate password (or entering no password) no longer displays an exception error when encrypting or decrypting an image. (26257)
- Importing an encrypted AD1 file now prompts you to enter the password for the file. (28727)

## Reports

- Removed the black boxes that surrounded the Investigator Information. (28506)

## CSV

- Fixed the issue where Additional Contacts information was missing from the CSV reports. (28602)
- Fixed the issue where all MMS and email items were displayed in the CSV reports regardless of which items were selected or deselected specifically for the report. (28605)

## Known Issues

---

- Manually parsing the IPD file on a BlackBerry does not display any PIN messages. (28472)
- IPD files parsed in a BlackBerry live extraction may contain less data than parsing the BlackBerry Desktop Manager backup of the same device. (23841)
- Some contacts are not being extracted from Android devices. (28557)
- The Find in File option is opening the File System Data View and not the file indicated in the Find in File search. (28696)
- Cancelling a SIM extraction still extracts and displays the device's information in the Data Views window. (28922)
- When deactivating All Alerts, MPE+ is not clearing the alert hits from the Parsed Deleted Data page. (28928)
- Opening an AMR file in the Natural Viewer displays the file in HTML. AMR files should open a media player in the Natural Viewer. (29014)
- In the Assert Select Destination Image Type View, the Close Window button (Red X) does not work. (28594)
- Reports: Break lines are separating Contact Additional Information when they should be separating the entire contact. (28551)

## Comments?

---

AccessData values feedback from customers. Please contact us at [support@accessdata.com](mailto:support@accessdata.com) or send documentation issues to [documentation@accessdata.com](mailto:documentation@accessdata.com).

# Mobile Phone Examiner Plus 5.3.3

## Release Notes

Document Date: 7/16/2013

## Introduction

---

These Release Notes cover important information, New and Improved features, and fixed/known issues for AccessData Mobile Phone Examiner *Plus* (MPE+) 5.3.3. Please be aware that all known issues published under previous release notes still apply until they are resolved and listed under “Fixed Issues.”

## Important Information

---

Don't forget to register your copy of MPE+! Registering MPE+ allows you to keep up with all of the MPE+ release notes and product updates. Registration also allows you to receive important MPE+ product announcements. To register, open the *Settings* menu, click **Registration**, and complete the registration dialog.

## New and Improved

---

### Extraction

- MediaTEK Android devices are now supported in MPE+ using the Android and Generic selection. (22899)
- You can now create an image from any available drive type in MPE+ using the Mass Storage option from the Devices group in the Main menu. This feature allows you to now create full physical images of media cards, hard drives, and any other mass storage device. (22695)

### Import

- AccessData Encrypted images can now be analyzed from MPE+ using the **Import Image** function. (24597)
- This version of MPE+ allows you to import any AD1 file created by any AccessData product thus allowing you to parse, analyze, and recover data from any digital device. Prior releases of MPE+ only allowed the ability to import images created with MPE+. (23727)

## Parsing

- An update to MPE+'s automated Android parser now allows auto parsing of call history logs from Samsung Galaxy Devices when call logs are not stored in standard files. (23831)

## Data Views

- SMS messages from any device can now be displayed in "Conversation Mode". This mode displays data in the familiar threaded conversation view used in the Android and iOS environments. With MPE+'s *Conversation Mode*, it is easy to follow an SMS conversation by viewing the SMS data from any device. (26063)
- You can convert any text within the MPE+ natural view to its native Unicode format with a context menu toggle. To access the context menu, right-click in the natural view and select the Unicode type. (22895)
- When a physical image of a mass storage device is imported into MPE+, you are notified if folders and/or files are deleted. MPE+ displays deleted folders/files with a red "X" on the folder and/or file. MPE+ also dims folders that do not contain files. This allows you to quickly review data and bypass empty folders. (26334)

## Alerts

You can now run Alerts directly from the Alerts Manager with the new **Run Alerts** button located on the Alerts Manager page. (21060)

## Quick Links

Previously imported folders now display in the *Recent Files* section in *Quick Links* on the Home Menu. If a folder has been imported as evidence, you can now select that folder from *Quick Links* to re-import the evidence. (18049)

## Translated Version

Using the AccessData Language Selector, you can now switch MPE+ to use the following languages:

- French
- Brazilian Portuguese
- Russian
- Swedish
- Korean
- Turkish
- Spanish (International core)
- German
- Japanese
- Dutch
- Italian

# Fixed Issues

---

## Installation

- When installing on Windows XP, the installer no longer prompts to download .NET 2.0. (7428)
- The MTK drivers now install correctly on Windows XP and Windows 7, 32-Bit systems. (9100)
- Deselecting Windows Mobile Device Center now correctly skips installing the Mobile Device Center. (9782)
- On a new install, the **Internet Access Enabled** checkbox is checked by default in the Settings window. (24462)
- Installing a Samsung driver now displays the correct install percentage on the progress bar. (22736)
- Fixed the issue where MPE+ would not start after installation when Windows User Account Controls (UAC) was activated.

## Licensing

- The MPE+ Essentials license is now working for International users. (26601)

## Drivers

- Added the missing ZTE Score X500 driver to ZTE Android driver pack. (13121)

## Extracting/Collecting

- MPE+ now clears the Hex Interpreter of previously imported Hex information on a new extract or import. (10159)
- When prompted for a password on a Blackberry, entering an incorrect password will prompt you to re-enter the correct password. (17846)
- Fixed the “Unknown Error 1000” when connecting with:
  - Samsung Galaxy Note II/SPH-L900 (23262)
  - HTC Wildfire S (23598)
  - Motorola i867 (25948)
- MPE+ now extracts all contacts on a Samsung Galaxy Y. (23868)

## Parsing

- Fixed the issue where you could not parse an encrypted iTunes Backup. (10244)
- MPE+ now displays all fields parsed from an iOS device. (10502)
- When using the Import Folder feature, the iOS parser no longer crashes MPE+. (12492)
- Fixed the issue where the User Directory Database was not found during a parse. (12607)
- MPE+ no longer creates columns for non-existent data and extracts the appropriate columns when parsing from an iOS device. (12800, 12801)
- The parser no longer interprets a “0” in the date field of the database to be “1/1/1970” in MPE+. (13325)



- Fixed the issue where auto-parsing for deleted items was not finding SMS and Call History data. (13565)
- MPE+ no longer shuts down when attempting an iTunes Backup parse. (25128)
- Fixed the issue where parsing contacts failed on a Blackberry device. (21867)

## Data Views

- Birthdays of contacts now display in the *mm/dd/yyyy* format. (10559)
- The *Call History* from an iOS device now displays the call's direction accurately. (13424)
- With the Natural Viewer, MPE+ now recognizes files by the file's header and not its extension. (14596)
- Added the "Nickname" field to Data View for Blackberry extractions. (21731)

## Alerts

- Enabling/Disabling **Auto Filtering** from the Alerts Manager Toolbar now saves the change and does not reset to the default on an exit. (24299)

## Reports

- Fixed the issue where large reports never completed. (17201)
- Fixed the issue where the Path field was missing from the PDF report. (22200)
- Fixed the formatting problem with Freespace column headers. (22297)

## Quick Print

- Fixed the issue where the header for bookmarks was labeled "URL's". (13770)
- Fixed the issue where instant messages and email cache path were missing. (14364, 14388)
- Fixed the issue where the Location Log Data was labeled "Corrected Text". (14401)
- Fixed the issue where PIN data was replaced with Calendar data. (14648)

## Quick Print CSV

- Fixed various file names in the report to match the correct files. (14426)
- Created one column for "Text Typed" and removed "Corrected Text". (14430)
- Removed duplicate column headers that occurred with MMS, Phonebook, and Email data. (14604, 14617, 14656)

## Tablet

- The Tablet reporting feature is now working correctly. (18585)

## Known Issues

---

- Carving a large amount of data may cause the Data Carve process to hang. (14971)
- Extracting *Corrected Text* may not display any data in the **Data View > Corrected Text/Auto Text** window. (22441)
- Importing/exporting the same AD1 file results in a different MD5 hash results due to a sorting issue in MPE+. (25583)
- Entering the wrong password when creating an image using a certificate crashes MPE+. (26166)

## Comments?

---

AccessData values feedback from customers. Please contact us at [support@accessdata.com](mailto:support@accessdata.com) or send documentation issues to [documentation@accessdata.com](mailto:documentation@accessdata.com).

# Mobile Phone Examiner Plus 5.3.2

## Release Notes

Document Date: 5/31/2013

### Introduction

---

These Release Notes cover important information and fixed/known issues for AccessData Mobile Phone Examiner *Plus* (MPE+) 5.3.2. Please be aware that all known issues published under previous release notes still apply until they are resolved and listed under “Fixed Issues.”

### Important Information

---

When Windows 8 Defender is updated to the latest definitions, Defender may quarantine some parts of MPE+ located in the `%appdata%\AccessData\dp` folder. These quarantines will block some Android extractions.

To avoid this issue, add the `%appdata%\accessdata` folder to the Windows Defender (or other antivirus program's) exception list.

### New and Improved

---

#### Installation

During the installation of device drivers, MPE+ now automates the process of driver installation and bypasses the need for user intervention. This will significantly increase the speed of MPE+'s installation process.

#### Extraction

- You can now select RFS file types when selecting image types from the filtered file types.
- The Android agent now supports ADB 1.0.31 for physical extractions.

#### Viewer

You now have the option to change from the Natural viewer to the UTF8 Encoding viewer when viewing text files or files with unrecognized types. This allows you to easily switch between Unicode and UTF8 when reviewing content for these files.

# Fixed Issues

---

## General Administration

- When closing MPE+ by clicking the Close button, you are now asked to verify the exit. (24146)

## Installation

- Nokia drivers are now being installed correctly through Driver Manager. (7270)

## Extracting/Collecting

- Fixed the issue where connecting to a Nokia generated the error, “No Family Found, Cannot Connect to Device.” (23248)
- MPE+ now connects to the Nokia 1112b without issues. (23960)

## Parsing

- The iOS Parser now displays UTC times correctly. (23926)
- Fixed the issue where MPE+ crashed when parsing data from the BlackBerry 9350. (22649)
- MPE+ now correctly displays the email body when data is parsed from an Android OS 4.x device. (22892)

## Reports

- Fixed the reporting issue where phone numbers were missing from PDF reports. (13669)
- CSV reports once again output data as a table like in previous releases of MPE+. (21542)

## Known Issues

---

- Windows 8 Defender may quarantine some parts of MPE, blocking some Android extractions.

**Workaround:** Add the %appdata%\accessdata folder to the Windows Defender exception list.

## Comments?

---

AccessData values feedback from customers. Please contact us at [support@accessdata.com](mailto:support@accessdata.com) or send documentation issues to [documentation@accessdata.com](mailto:documentation@accessdata.com).

# Mobile Phone Examiner Plus 5.3.1

## Release Notes

Document Date: 5/6/2013

### Introduction

---

These Release Notes cover important information and fixed/known issues for AccessData Mobile Phone Examiner *Plus* (MPE+) 5.3.1. Please be aware that all known issues published under previous release notes still apply until they are resolved and listed under “Fixed Issues.”

### Important Information

---

- Exporting to Excel with the right-click menu in MPE+ fails when using Excel 2007 and Internet Explorer 9. This problem is a documented compatibility issue between Excel 2007 and Internet Explorer 9 and not an MPE+ issue. There are two ways to correct this problem:
  - Upgrade Microsoft Excel to version 2013.
  - Revert Microsoft Internet Explorer to version 8. (To revert, uninstall Internet Explorer version 9 and restart your machine.) (21967)

### Fixed Issues

---

#### Installation

- MPE+ no longer crashes when trying to download all drivers at the same time as downloading a single driver. (19240)
- MPE+ now runs on non-English Windows installations. (21142)

#### Main

- The Recent File list from the Home View now displays all items in the list. (18710)

#### Data Views

- Updated icon for collapsed groups in the Data Views Ribbon. (20469)

## Extracting/Collecting

- The iOS parser now collects physical images even if there are images containing long file paths. (20885)
- Previously, MPE+ would not allow you accept the error “Device not in normal mode” when extracting an Apple device, and you were required to close MPE+. Clicking OK now performs the correct action. (21991)

## Parsing/Carving

- Images containing long file paths no longer stop the Android parser from parsing physical images. (21256)
- Parsing subsequent data no longer creates duplicates in the Application data view. (21316)
- MPE+ now parses International date/time formats correctly. (18510)

## Review

- Moving the Natural View Tab and saving the layout no longer leaves Natural View in Media Player Mode. (21045)
- Extracting and parsing a BlackBerry no longer loses columns in the Contacts data grid. (21864)

## Import/Export

- Fixed issue where parsed deleted data was lost when exported to an AD1 file. (21398)
- AD1 files now export with the correct file size. (21466)

## Reporting

- Deleted the blank page in the Media Section of reports. (20579)
- Corrected the font size in the Notes field. (21838)

## Known Issues

---

- The X-axis of the Social Analysis Bar Chart is unreadable if ALL contacts are selected simultaneously. (21176)
- The Natural Viewer does not support previewing PNG files. (18031)

## Comments?

---

AccessData values feedback from customers. Please contact us at [support@accessdata.com](mailto:support@accessdata.com) or send documentation issues to [documentation@accessdata.com](mailto:documentation@accessdata.com).



# Mobile Phone Examiner Plus 5.3 Release Notes

## Introduction

---

These Release Notes cover important information, new features, and known and fixed issues for AccessData Mobile Phone Examiner *Plus* (MPE+) 5.3. Please be aware that all known issues published under previous release notes still apply until they are resolved and listed under “Fixed Issues.”

## New and Improved

---

### General Administration

#### Chinese MPE+ 5.3 Support

MPE+ 5.3 now supports mobile devices containing Chinese flash chip sets using the MPE+ Talon Appliance. This support includes both physical and logical support. If you have a license that supports the Talon Appliance (purchased separately), MPE+ Talon will be available on the main toolbar. (14072)

#### iOS 6.1 Support

MPE+ now supports both the logical and physical extraction of iOS devices up to 6.1.3. Physical extraction is limited to devices up to and including the iPhone 4 and iPad 1. (15769)

#### New Tools Tab

The new Tools Tab better organizes the MPE+ front page and resides between the Main Tab and the Data Views tab. The Tools Tab displays the Parse User Data group, Global Searching, Additional Parsers, Forensic SIM/USIM, Alerts options, and the Alerts Manager. (16278)

## Extracting/Collecting

#### Expanded Motorola Support

MPE+ now supports collecting physical partitions from more Motorola devices, including Atrix HD, Photon Q, Razr M, and Razr I. MPE+, when the device has USB Debugging enabled, can automatically gain root privileges and extract the mobile device partitions. (14764)

## Chinese Device Support

MPE+ in conjunction with MPE+ Talon (purchased separately) allows you to extract information from mobile devices containing Chinese embedded chips. Including but not limited to (12222):

- File system, if available
- Call history, if available
- Messages (SMS/MMS), if available
- Flash image
- Device Information (PIN codes, IMEI Number(s), Flash type)

---

Note: You can cancel data extraction at any time and view any errors during connection or extraction (or resetting) of the MPE+ Talon device in MPE+.

---

## Samsung SII and SIII Android Support

MPE+ 5.3 has the ability to physically image both Samsung Galaxy Series II and III devices even if USB debugging is not enabled. This allows MPE+ to bypass any passcodes even if the device is protected with USB debugging in the OFF position. MPE+ provides an extraction wizard when extracting both Samsung Galaxy SII and SIII Android devices.

- To support the physical extraction of Samsung SII and SIII devices, you need to install Samsung Physical Support from the driver management page in MPE+. (10181)

## Blackberry Device Support

MPE+ now allows you to simply select Blackberry and Generic for any Blackberry device. Past versions of MPE+ had Blackberry support based upon the model number.

## Blackberry BBB File Support

MPE+ now supports the importing of Blackberry BBB (Blackberry Backup) files. Users can select the IPD/BBB button in the tools menu navigate to a BBB file and select to import. The user is presented with the capability screen where they can select the items to extract. (13470)

## Alerts

The Alerts feature allows you to create keywords that MPE+ will use to flag and label extracted data that matches those keywords. Users can create alerts from within MPE+, import folders containing alerts, create a single alert file and import into the alerts and even export all the alerts into a folder to share with other MPE+ users. With Alerts:

- Information that is located when running alerts is given a tag. This tag is found in the Alerts column for each data type. The number of alerts for each row along with the alert that triggered the tag is given for each alert. (16256)
- Alerts can be run manually as well as be set to automatically run for every device extraction, import, and parse conducted in MPE+. This feature will allow the user to immediately be notified of alerts when parsing images, collecting from a device or running our built-in parsers.

- The number of alerts is represented on the toolbar for each data item where alerts are found.
- A yellow circle in the bottom right of the MPE+ interface displays when an Alert search is running, (16272)
- You have the option to activate or deactivate Alerts. (16251)
- You can have multiple Alerts selected to run on each data set.

## Alerts Manager View

You can use the Alerts Manager View to manage filter dictionaries, import and export filter dictionaries, and then stylize the alert hits. (16232)

With the Alerts Manager, you can also:

- View specific Alerts and their associated settings and keywords
- Create an Alert
- Activate or deactivate your Alerts
- Delete a saved Alert
- Choose a background and/or a foreground color for any matched keywords
- Manage Alert keywords
- Cancel any pending changes at any time
- Export and/or import a group of Alerts to a file (\*.alertsSettings)
- Select a priority level for any loaded Alerts
- Select whether the active Alerts are automatically run when data is available

## Review

### Natural Viewer

When selecting a picture, you can view EXIF data in a tabbed view of the Natural Viewer for any image in the file system. (9440)

### Gallery Viewer

The Gallery Viewer now displays item count information. (11229)

## Import/Export

### Progress Bar

MPE+ 5.3 now displays a progress bar when importing and exporting AD1 files. (13464)

# Reporting

## Preview

MPE+ now utilizes an external preview function. From this pane, the user can:

- Preview the report
- Export to:
  - HTML
  - PDF
  - RTF
  - MHT
  - XLS
  - XLSX
  - CSV
  - TEXT
  - Image File
- Email the report directly using the default email program in any of the above formats
- Find function
- Add Watermarks
- Zoom In and Out
- Change the orientation of the report

## Print

Using the print button the user can immediately print the report to any local or network printer.

## Export

Using the Export button and selecting a format the user can immediately export the selected data to a selected location. The user simply selects the format and then Export.

The data can be exported in the following formats:

- HTML
- PDF
- RTF
- MHT
- XLS
- XLSX
- CSV

- TEXT
- Image File

## Fixed Issues

---

### Installation

- MPE prompts you to install the Windows Media Feature Pack if it is not already installed. (14028)

### Import/Export

- MPE+ no longer crashes on initialization when the Temp Cache Directory does not have read and write access. (17398)
- MPE will not import or export a file with zero bytes and displays an error if you try to import or export the zero byte file. (17056, 17058)
- Exporting maintains the file system, as well as the correct and complete AD1 file. (17317)

### Collecting Data

- *iOS Physical Acquisition Not Enabled* message displays correctly in Windows XP. (10564)
- MPE now warns you when trying to select a drive with no space for the MPE temp folder. (9699)

## Known Issues

---

### Installation

- Deselecting Windows Mobile Device Center in the Mobile Phone Examiner Drivers installation (mobilephoneexaminerdrivers.exe) still installs the Windows Mobile Device Center. (9782)

### Alerts

- You can only cancel a new alert by clicking the **Remove** button or by exiting Alerts Manager. (17134)
- Alerts not being exported to their associated AD1 file. (19186)

### Reports

- RTF reports may cutoff text in the body field of the report item. (19268)
- Running MMS reports can hang MPE+. (20411)

## Extracting

- MPE cannot connect to some Android devices for physical extraction. (16870)
- MPE creates a blank Device Info Data View for images when extracting and exporting to an AD1 file that does not contain Device Info. (18738)
- The cancel button on the Cap Selection dialog does not cancel the extraction. (17533)

## Parsing/Carving

- Using the Deleted Parser on an iTunes Backup can make MPE+ hang. (18953)
- Carving after an Android extraction does not complete. MPE displays the message “Processing Carved Files” but never completes the process. (18544)
- Unicode does not display correctly when parsed for the BlackBerry. (18957)
- Parsing User Data on an Android can crash MPE. (17141)

## Comments?

---

AccessData values feedback from customers. Please contact us at [support@accessdata.com](mailto:support@accessdata.com) or send documentation issues to [documentation@accessdata.com](mailto:documentation@accessdata.com).

# Mobile Phone Examiner Plus 5.2.1 Release Notes

## Introduction

---

These Release Notes cover important information, new features, and bug fixes for AccessData Mobile Phone Examiner *Plus* 5.2.1. Please be aware that all known issues published under previous release notes still apply until they are resolved and listed under “Fixed Issues.”

## New and Improved

---

### iOS Support

- iOS 6 - 6.0.1 physical images are now supported.
- Updated logical support for iPhone 5 and the iPad mini is included.

### Language Support

- Chinese localization for MPE+ has been added.
- Unicode display and recovery is supported through the incorporated Freefile Parser.

### One Click Parsing

- Both iOS and Android Physical images obtained with MPE+ or other mobile forensic solutions can be parsed for critical user data with the click of a button. The ability to right click on the area of the file system containing the user also is still available. This user data available to parse with one click may include:
  - Application Data
  - Application List
  - Contacts
  - SMS
  - MMS
  - Call History
  - Email
  - Internet History
  - Calendar
  - Notes
  - Bookmarks
  - User Dictionary
  - Web Kit

- Corrected Text
- Call Logs
- And other files
- Both iOS and Android Physical images obtained with MPE+ or other mobile forensic solutions can be parsed for deleted call logs and SMS with the click of a button. Deleted data is immediately parsed from the file system and displayed in the parsed data area.

---

Note: All other user areas for deleted data can still be parsed with a simple right click using the Freefile parser.

---

## App Data View

New Application List for both the Android and iOS parsers automates the parsing of application data for certain applications. This data is available in the new App Data View. Applications that can be parsed include:

- Facebook
- LinkedIn
- Google Voice
- Skype
- Twitter
- WeChat
- QQ
- Osfoora (Twitter)

---

Note: All other applications for both Android and iOS are available in the filesystem for easy review using the incorporated SQLite Browser. The SQLite Browser is specifically designed for easy export of data in various formats.

---

## Fixed Issues

---

### Installation

- Fixed the issue where MPE+ tried to force the user to install .NET 4.5, even if .NET 4.5 was previously installed on the system. (13298)

### Collecting Data

- Fixed the issue where a second data carve on JPGs after an initial extraction did not yield correct results. (13800)
- Fixed the issue where Location data was not being parsed by the iOS parser. (13581)
- Fixed the issue where MPE+ would hang when trying to parse deleted data with the Deleted Parse Button. (14412) (14236)



## Data Views

- Fixed the issue where the App Data button shows that data had been parsed, but no data appeared in the Application Data tab. (13316)
- Fixed the issue where the Time Analysis view was not displaying the correct date and time stamp for SMS, MMS, and emails. (13577) (13939)

## Reports

- Fixed the issue where the Duration column was missing from reports created from calendar data. (14341)
- Fixed the issue where images of MMS attachments were not appearing in reports. (14345)

## Tablet

- Fixed the issue with the Tablet user interface where a User Dictionary would not display when parsed from an Apple Physical Image. (12870)
- In the MPE+ Tablet user interface, simplified the workflow for when a user parses a database for deleted data. (11190)
- Fixed the issue where on the MPE+ Tablet, the Call History was not populating with extracted data. (14280)

## Known Issues

---

- Apple Physical Device Files are not being copied to the dp>k folder. (10922)
- Prolific Cable driver is not available for the Windows 7 x64 platform. (14909)
- When viewing data in the App Data view, the left pane displaying folders is hidden. (13500)  
**Workaround:** Drag the right-hand edge of the pane to resize the window.

## Comments?

---

AccessData values feedback from customers. Please contact us at [support@accessdata.com](mailto:support@accessdata.com) or send documentation issues to [documentation@accessdata.com](mailto:documentation@accessdata.com).

# Mobile Phone Examiner Plus 5.2 Release Notes

## Introduction

---

These Release Notes cover important information, new features, and bug fixes for AccessData Mobile Phone Examiner *Plus* 5.2. Please be aware that all known issues published under previous release notes still apply until they are resolved and listed under “Fixed Issues.”

## Important Information

---

This version of MPE+ requires Microsoft .NET 4.5. When installing MPE+ 5.2, the program prompts you to download .NET 4.5. Click yes to automatically download and install .NET 4.5.

## New and Improved

---

### iOS Support

- iOS 6 physical images are now supported.
- MPE+ now supports all iOS devices logically, including iPhone 5 and the iPad mini.

### Chinese Language Support

MPE+ 5.2 supports (Modern) Standard Chinese.

### One Click Parsing

- The user can now use the one click method to parse the iOS or Android device for user capabilities to include: Application Data, Contacts, SMS, MMS, Email, Call Logs, and more. The ability to right click on the area of the file system containing the user is also still available.
- MPE now allows the user to click the Deleted button on the toolbar and select SMS and/or Call History for the iOS and Android devices. Deleted data is immediately parsed from the file system and displayed in the parsed data area.

### App Data View

New App Data view displays data collected from social network applications QQ and WeChat.

## Fixed Issues

---

- Fixed the issue where updating MPE+ to a newer version would delete Apple Device Files, even if they are the correct files. (10872)
- Added a disclaimer to both the Physical Acquisition Files page and the Driver Support page, that states that you need an internet connection to download the drivers and files. (11266)
- Added a prompt informing the user that Apple Device Files are missing or incomplete. (10919)
- Fixed the issue where the error “Unable to extract the file system from the Apple device for parsing.” was not displaying properly. (11610)
- Fixed the issue where errors were being thrown when installing firmware. (8324)
- Fixed the issue where deleting unused AD1 images after importing would fail. (10479)
- Fixed the issue where MPE+ would hang when trying to cancel out of a SIM extraction. (11958)
- Fixed the issue where Time Analysis was not displaying SIM data. (11951)
- The Flash Card prompt, when connecting to an Android device, has been updated to prompt users to set phones in the optimal mode for extraction. (13134)

## Known Issues

---

- In the MPE+ Investigator version, images of the selected supported phones will not display in the user interface. (11590)
- Data Carves will not complete or return results automatically for Nokia N900 or Nokia E7-00 phones.  
**Workaround:** Click a button on the Home ribbon to complete the carve process and view results. (10401)
- Apple Device Files are not copied to the persistent location. (11050)
- After installing .NET 4.5, MPE may hang due to network licensing.  
**Workaround:** Restart MPE+. (13161)

## Comments?

---

AccessData values feedback from customers. Please contact us at [support@accessdata.com](mailto:support@accessdata.com) or send documentation issues to [documentation@accessdata.com](mailto:documentation@accessdata.com).

# Mobile Phone Examiner Plus 5.1.2 Release Notes

## Introduction

---

These Release Notes cover important information, new features, and bug fixes for AccessData Mobile Phone Examiner *Plus* 5.1.2. Please be aware that all known issues published under previous release notes still apply until they are resolved and listed under “Fixed Issues.”

## Important Information

---

Make sure Windows Media Player is installed before running MPE+ on Windows XP machines. (10342)

## New and Improved

---

### iOS Support

The following items are now supported for iOS:

- All devices running iOS 6x are supported for logical extraction. iTunes backup files from versions running iOS 2x and 3x are now supported.
- Verbose file system support for all versions of iOS. This includes application support, user data support, operating system support.
- New supported capabilities include: Application lists, Predictive Text, SMS/MMS/Message Read and Delivered Times, and Location files.
- Deleted data recovery for both SMS and Call Logs now show the date and time of the message in the message itself using the free file parser.

### MTK Support

The addition of 2000 MediaTek Chinese phones allows for the collection of phonebook, SMS, MMS, Calendar, Call Logs, and Media from selected devices.

### Driver Support

An additional page is added to the Home screen, called Physical Device Support. Both Samsung Physical Support Files and also iOS Physical Support Files are available for download and installation.

## Unix Date on Hex Interpreter

The Hex Interpreter now supports Unix date conversion. This type of conversion is typical with both iOS and Android Devices. Users can now select the associated HEX values and have them immediately converted within the Hex Interpreter.

## PList Display without Extension

The Natural view now recognizes and displays binary Plist files from iOS devices, no matter the extension.

## File Offset for Data in Free File Parser

The offset addresses are now displayed in the Parsed Free Space Data View of MPE+. Users can now navigate to the actual offset of the parsed data to identify the exact location within the file itself.

## Fixed Issues

---

- Fixed the issue where attempting to parse a zero byte database file crashed MPE+. (3650)
- Fixed the issue where running an MPE+ offline installer resulted in an error. (8095)
- Fixed the issue where extraction failed for some Motorola phones while using a Windows 7 86-bit system or a Windows XP system. (8934)
- Fixed the issue where users couldn't download all the Android drivers in a group from the ClickOnce website. (9244)
- Updated driver packs in the offline Driver Installer. (9517) (9507)
- Fixed the issue where there was an incorrect naming convention when downloading All Firmware from the MPE+ ClickOnce website. (9487)
- Fixed the issue where the offline installer included the deprecated iTunes installer. (9504)
- Fixed the issue where the Supported Devices list in the Manage menu was not populating. (9700)
- Fixed the issue where importing an image after viewing a spoke chart caused MPE+ to hang. (9758)
- Fixed the issue where the Apple physical message box was hidden behind MPE+ splash screen during install. (9773)
- Fixed the issue where users were unable to add a second folder to the existing file system using the Import Folder feature. (9779, 9895)
- Fixed the issue where MPE+ initialization hung when downloading Apple Device files at the same time. (9809)
- Fixed the issue where unreadable characters were showing in the Natural view. (9894)
- Fixed the issue where running an initial data carve on Mediatek Chinese phones failed to yield any files. (10194)

- Fixed the issue where the Name, Display Name, and Origin data were missing from the quick report. (10285)
- Fixed the issue where the Date Sent field was populated on Incoming Messages when it should be blank. (10511)
- Fixed the issue where the OK button was disabled in the iTunes Backup Password dialog upon subsequent extractions. (10560)
- Fixed the issue where the HEX viewer only displayed data for the first file selected, but not for subsequent files. (10596)
- Fixed the issue where the checked items on the Tablet did not appear in the report. (10653)
- Fixed the issue where the Select All feature for check boxes did not select all the check boxes. (8041)
- Fixed the issue where an error was thrown when installing MPE+ on the tablet. (9539)
- Fixed the issue where running the file parser more than once caused MPE+ to crash. (10600)
- Fixed the issue where leaving the text field blank when running the Find feature caused MPE+ to crash. (10663)
- Fixed the issue where map location names were not showing up in the reports. (10790)
- Fixed the issue where an error occurred during MPE+ initialization. (10797)

## Known Issues

---

- After installing Supplementary Drivers, you need to restart MPE+ before you can connect to a SIM using the SIM reader. (9897)
- Extracting from a Samsung SGH-E715 / SCH-A990 / SPH-A900 will cause the device to shut down and not restart to finish extraction. (10441)
- Extracting the SMS from the File System on an LG VX11000 will cause the system to hang. (10677)

## Comments?

---

AccessData values feedback from customers. Please contact us at [support@accessdata.com](mailto:support@accessdata.com), or send documentation issues to [documentation@accessdata.com](mailto:documentation@accessdata.com).

# Mobile Phone Examiner Plus 5.1.1 Release Notes

## Introduction

---

These Release Notes cover important information, new features, and bug fixes for AccessData Mobile Phone Examiner *Plus* 5.1.1. Please be aware that all known issues published under previous release notes still apply until they are resolved and listed under “Fixed Issues.”

## New and Improved

---

### Driver Installation

You now have direct control over driver installation. Drivers are no longer automatically installed with MPE+, thereby shortening the time it takes to install. Now, you can download driver packages and install them at will. There are two driver packages available to you:

- Operating System: Contains drivers organized by OS (Android, Legacy, Windows Mobile, and Blackberry).
- Manufacturer: Contains drivers organized by the phone manufacturer (Acer, Asus, etc.).

### Managing Drivers

You can now manage your drivers from the Home screen of MPE+. You can do the following from the Driver Management tab on the Home screen:

- Download drivers for specific devices or operating systems.
- Install drivers for specific devices or operating systems.
- Track what drivers have already been downloaded and installed (per user).

### Fixed Issues

---

- Fixed the driver issues with installing MCCI drivers for Sanyo phones. (63830)
- Fixed the issues with installing Sanyo, LG, Motorola and Samsung drivers. (63822)

# Mobile Phone Examiner Plus 5.1 Release Notes

## Introduction

---

These Release Notes cover important information, new features, and bug fixes for AccessData Mobile Phone Examiner *Plus* 5.1. Please be aware that all known issues published under previous release notes still apply until they are resolved and listed under “Fixed Issues.”

## New and Improved

---

The following are new and improved features of MPE+ 5.1.

### Social Analyzer Chart Spoke Chart

Using the Social Analyzer chart, you can now visually represent multiple contacts usage on a cluster, or spoke chart. This allows you to quickly identify the highest volume to/from the mobile device owner for SMS, MMS, Calls, and Email.

### Performance Enhancements

The performance of MPE+ has been enhanced to run faster and more efficiently by mounting the imported image. This will allow for faster data carving and analysis.

### Support for DD8 Images

MPE+ now allows for the mounting of physical images from the most current iOS file systems.

### New iOS Data

You are now able to collect the following data from iOS files:

- Location Logs
- Dictionary
- Auto Text
- Application List



## Image Mounting

You can now mount any image as a drive letter, read only via the MPE+ interface. This will allow you to scan the image for malware, utilize third party tools, and navigate the image from Windows Explorer.

## Fixed Issues

---

- Fixed the issue where some File System files were not viewable in natural view on the tablet, but they were visible on the desktop application. (67720)
- Fixed the issue where the iOS was unable to data carve images with multiple partitions. (67596)

# Mobile Phone Examiner Plus 5.0 Release Notes

## Introduction

---

These Release Notes cover important information, new features, and bug fixes for AccessData Mobile Phone Examiner *Plus* 5.0. Please be aware that all known issues published under previous release notes still apply until they are resolved and listed under “Fixed Issues.”

## New and Improved

---

The following items have been enhanced:

### Physical Imaging of Samsung Galaxy Series

You can now capture physical images of all Samsung Galaxy Series II Android devices that utilize the Gingerbread version 2.3.5 operating system. These devices can be:

- Gesture/Pattern Locked
- USB Debugging OFF and have USB Debugging turned off. This will bypass password protection and conduct full partition imaging.

### New Graphical Interface

The new graphical interface allows for a more intuitive mobile device collection which includes:

- Larger buttons
- Home “Launch Area” which includes links to:
  - User Guide
  - Contacts
  - RSS Feeds for MPE+ Support Videos
  - Recent Collections and Quick Links
  - Training and Product web interface
- Main Ribbon: Contains all of the tools you need to bring phone data into MPE+
- Data Views Ribbon: Contains all the tools you need to review phone data in MPE+

## Filtering by Column

You can now filter by any column in the Data Views using the following criteria:

- By Data
- By Values like Contains/Is equal to and more

## Gallery View

You can use Gallery View to view all the images in the data view at once. Gallery View is available in the following data views:

- File System: Display all images in selected folder
- Carved Data: Displays all images
- Media View: Shows all images extracted

## SQLite Explorer and PLIST Viewer

Using the file system navigation, you can click on any PLIST file and view the contents in the natural viewer. The information can be quickly exported in several different formats.

Also, you can right-click on a SQLite database file and select the custom SQLite Explorer. You now have the ability to traverse entire database files and export the contents after viewing in the natural viewer. You now have the following abilities:

- Ability to now view data in both binary and standard PLIST files in CHTML
- Ability to view tables within SQLite databases in CHTML
- Ability to export the viewed data in several formats, including Microsoft Excel

## Carve for Deleted Data in All SQLite Databases

You can now carve all SQLite database files from iOS and Android devices to recover deleted data. Using our file system navigator, simply right-click on any SQLite database and select to parse the free file area; all parsed SQLite databases are then displayed for review.

## Data Visualization for Graphical Data Representation

MPE+ now includes visualization that allows you to graphically view phone data in the following mediums:

- Timeline Viewer: Allows you to visualize SMS, EMAIL, MMS and Call Logs for individual contacts or entire contact lists located on the mobile device. This includes the following graphical representations:
  - Pie chart and/or bar chart showing percentages of each category
  - Selection of date ranges
  - Display of selected date range data
  - Selection of selected date range for reporting

- **Social Analyzer:** Allows you to visualize SMS, EMAIL, MMS and Call Logs for selected contacts or a series of contains; comparing each with all selected. This includes the following graphical representations:
  - Graph for each communication type of selected contacts
  - Selection of specific communication types to visually represent
  - Display of selected communication types in reportable grid

## Additional Mobile Device Support

MPE+ now supports 1300 additional, unique phone profiles including:

- Chinese MediaTek (MTK) phones
- Android
- Windows Mobile
- Blackberry
- LG, Nokia Series 30/40, Samsung, Motorola, ZTE, Sony Ericsson and others.

## iTunes Backup Browser

You can now import folders, identify backups within a mounted image or import compressed files containing an iTunes backup. This feature uses the mounted image to point to the iTunes folder in the mounted image. Both encrypted and non-encrypted backups are supported. Data identified is then parsed into the MPE+ graphical interface.

## Hex Interpreter

You can now highlight bytes to display common mobile phone date/time formats in the Hex Interpreter.

## Exporting Files from the File System

You now have the ability to export files and folders directly from the mobile device file system. You can now select a folder or individual file and export the contents by a simple right-click to a user defined location.

## Customizing MPE+

- **MPE+ Themes:** You can now alter the MPE+ color scheme and select one of many default themes to customize the look of MPE+.
- **Customizing Layouts:** You can now customize the panes in MPE to meet your workflow. Then, you can save your layout for future use.
- **Data Carving Capacity:** You can now set the number of concurrent carvers that you want to run at once. If your machine has a higher CPU, you can set it to run more concurrent carvers at once.

## Known Issues

---

The following are known issues for 5.0:

- Some File System files are not viewable in natural view on the tablet, but they are visible on the desktop application. (67720)
- The Natural View of SQLite defaults to the whole window. You will need to scroll, using the slider, in order to view the DB Structure view.
- The best performance in the Social Analyzer can be achieved by using the Contacts data view, selecting the contact(s) desired and then selecting the Social Analyzer view. (69976)
- Selecting more than ten contacts in the Social Analysis data view will cause long delays. (70022)
- The best performance in the Social Analyzer is achieved by using the Contacts data view and selecting the contact(s) desired and then selecting the Social Analyzer view. (69976)