

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 or send documentation issues to 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 or send documentation issues to 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, or send documentation issues to 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)