



Aptio AMISLP 5.01 Release Notes

Aptio AMISLP 5.01 Release Notes

Document Revision 1.12

Document Owner: Utility Group

January 07, 2015



Confidential, NDA Required
Copyright © 2015

American Megatrends, Inc.
5555 Oakbrook Parkway
Suite 200
Norcross, GA 30093 (USA)

All Rights Reserved
Property of American Megatrends, Inc.
Megatrends, Inc.

Legal

Disclaimer

This publication contains proprietary information which is protected by copyright. No part of this publication may be reproduced, transcribed, stored in a retrieval system, translated into any language or computer language, or transmitted in any form whatsoever without the prior written consent of the publisher, American Megatrends, Inc. American Megatrends, Inc. retains the right to update, change, modify this publication at any time, without notice.

For Additional Information

Call American Megatrends, Inc. at 1-800-828-9264 for additional information.

Limitations of Liability

In no event shall American Megatrends be held liable for any loss, expenses, or damages of any kind whatsoever, whether direct, indirect, incidental, or consequential, arising from the design or use of this product or the support materials provided with the product.

Limited Warranty

No warranties are made, either expressed or implied, with regard to the contents of this work, its merchantability, or fitness for a particular use. American Megatrends assumes no responsibility for errors and omissions or for the uses made of the material contained herein or reader decisions based on such use.

Trademark and Copyright Acknowledgments

Copyright © 2015 American Megatrends, Inc. All Rights Reserved.

American Megatrends, Inc.
5555 Oakbrook Parkway
Suite 200
Norcross, GA 30093 (USA)

All product names used in this publication are for identification purposes only and are trademarks of their respective companies.

Document Change History

Date	Version	Description
2009-08-24	1.00	Initial draft.
2009-08-24	1.01	Library updated with Optimize size and PEI relocation support.
2010-02-24	1.02	Added support for UEFI 2.1 images. Changed the build, updated the library to check the FV header before checking for PI version.
2010-02-26	1.03	Updated the release date
2010-10-12	1.04	Address review comments.
2011-05-10	1.05	New cap file layout. IDS in FID table.
2011-07-13	1.06	Update for FID version 4
2011-07-20	1.07	Updated document standard
2011-08-17	1.08	Dummy Files
2014-01-02	1.09	Updated the supported OS list
2014-03-05	1.10	Updated for AMISLP 5.00.0003 release.
2014-04-07	1.11	Updated for AMISLP 5.00.0004 release.
2015-01-07	1.12	Updated for AMISLP 5.01.0006 release.

Release

- Version 5.01.0006 01/07/15

Deliverables

- AMISLP.exe
- AMISLP64.exe
- AMI_Aptio_5.x_AMISLP_User_Guide_NDA.pdf
- AMI_Aptio_AMISLP_Release_Notes_NDA.pdf

Features

- Inserts Public key and Windows Marker bin files into appropriate FFS files in specified ROM image
- Windows command line utility
- Provides OEMID and OEMTableId for a specified ROM image
- Validates the OEMID and OEMTableId in the Windows Marker matches the values in the ACPI tables
- Verifies the availability in the ROM image of the correct driver for installing the bin images into the ACPI_SLIC table
- Verifies that the two FFS files are not currently present in the ROM image before inserting them
- Replaces the two FFS files if they are dummies (all 0xff).
- Quiet mode to prevent display of interim messages
- Supports UEFI 2.1 images.
- Supports OEM and OEM table IDS in Firmware Information Table version 3 and 4. (New)
- Capsule files with more than one top-level volume supported. (New)
- Supports APTIOV.
- Block execution on non Aptio V ROM images
- Support to update unsigned area without invalidating signature

Supported Operating Systems

AMISLP Utility is supported by the following operating systems:

- Microsoft® Windows® 2000
- Microsoft® Windows® XP
- Microsoft® Windows® 2003
- Microsoft® Windows® Vista
- Microsoft® Windows® PE
- Microsoft® Windows® 7
- Microsoft® Windows® 8

- Microsoft® Windows® 8.1
- Microsoft® Windows® Server 2008 R2
- Microsoft® Windows® Server 2012 R2

Compatibility

- Compatible with the FFS Spec (referred the documents FFS_0-9.pdf, FV_0-9.pdf and FvBlock_0-9.pdf)
- Compatible with APTIOV.
- Compatible with firmware images containing Hole (fixed) files
- Preserves top-down allocated volumes created by FWBuild 1.16.16 or later.
- Compatible with firmware volumes containing 999 FFSs.
- Compatible with images produced by other tools using Optimize size and PEI relocation support.
- Compatible with images using ESEC table startup method.
- Compatible with Firmware Information Description structure version 3 or greater.

Version History

Version 5.01.0006 01/07/2015

New Features

1. EIP 165091 - Block execution on non Aptio V ROM image.
2. EIP 180339 - Support to update unsigned areas without invalidating signature.
3. EIP 175362 - Support for BIOS with FIT.
4. EIP 165261 - Save BIOS file using Aptio V build process.

Version 5.00.0004 04/07/2013

Issues Fixed

1. EIP 162210 - Rom utilities may fail to save Aptio V images built with tools 24.

Version 5.00.0003 03/05/2013

New Features

1. Support for APTIO V.

Issues Fixed

1. EIP 111439 - AMISLP fails to update binaries and crashes.
2. EIP 152653 - Fails to save image with stripped TE section that has not been moved.

Version 1.06.0022 08/17/11

New Features

1. Support for replacing dummy files.
2. Support for new driver GUID

Version 1.06.0020 06/28/11

New Features

1. Adds ability to get OEM and table IDS from FID.
2. Add '/cap' option for generalized capsule file support.

Version 1.04.0016 02/26/10

New Features

1. Support for Optimize size and PEI relocation
2. Added quiet mode.

Version 1.03.0002 01/11/08

Issues Fixed

1. Fixed issue inserting bin files into correct FV for cap files.

Version 1.01.0001 04/03/07

New Features

1. Added command line switch /u to insert bin files uncompressed.
2. Use a compressed section for storing bin files.
3. OEMID info is available for Aptio3 and Aptio4.

Version 1.00.0002 03/12/07

Initial release.