

## Requested Patch

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### Process Modeling (Aspen HYSYS) V7.2 Cumulative Patch 2 November 2010 including PRO/II to HYSYS converter

<b>Solution ID:</b>	130557
<b>Product(s):</b>	Aspen HYSYS
<b>Version(s):</b>	V7.2
<b>Primary subject:</b>	Patch, Cumulative Patch
<b>Last Modified:</b>	15-Nov-2010

#### Attached files (filesize):

<a href="#">Process Modeling (Aspen HYSYS) V7.2 Cumulative Patch 2 Summary.doc (74k):</a>	Process Modeling (Aspen HYSYS) V7.2 Cumulative Patch 2 Summary.doc
<a href="#">ProcessModeling (HYSYS) V7.2_Patch2.exe (22656k):</a>	ProcessModeling(HYSYS)V7.2_Patch2.exe - Updated 22 Nov 2010

#### Associated Solutions:

<a href="#">ID: 130081</a>	Announcing the New and Improved PRO/II to Aspen HYSYS Converter
<a href="#">ID: 130562</a>	Emergency Patch (HYSYS V7.2 CP2): Summary of all hot fix for HYSYS V7.2 CP2
<a href="#">ID: 130076</a>	New and Improved PRO/II to Aspen HYSYS and Aspen Plus Converter Demo
<a href="#">ID: 131165</a>	Why am I not able to run Aspen HYSYS Pipeline Hydraulics - PIPESYS through Aspen HYSYS?

#### Applicable Version(s)

Aspen HYSYS V7.2 (24.0.2.7263)

#### Description

Process Modeling (Aspen HYSYS) V7.2 Cumulative Patch 1 September 2010 (Includes PRO/II to Aspen HYSYS converter)

This Cumulative Patch addresses a number of defects that have been identified in Aspen HYSYS V7.2. This Patch includes all preceding Patches.

For AES V7.2 each product's Cumulative Patch include the files shared with other AES V7.2 products. The first Cumulative Patch to be applied will update the shared files. If you subsequently install a Cumulative Patch for another product which shares the same files, it will only update files which have not already been updated to the version in the Cumulative Patch. Files will not be overwritten with earlier versions if you install an earlier Cumulative Hot Fix.

If a deliverable file has been updated, other than by installing a Cumulative Patch, i.e. it has been

customized or it has been manually updated, it may not be updated by the Cumulative Patch. To update to the version in the Cumulative Patch the file should be deleted before installing the Cumulative Patch.

You can not uninstall a Cumulative Patch. To remove the Cumulative Patch you must uninstall the product and re-install. To remove files shared by multiple products you must uninstall all products which share the files.

This Cumulative Patch has been tested to ensure that it fixes the specific issues mentioned herein, and has not had an adverse effect on any closely related functionality. However, it has not been through our full Quality Assurance procedure.

### **Before Download**

1. Make sure that no AspenTech applications are running.
2. Ensure that Aspen HYSYS V7.2 is installed. This hot fix will not have any effect on earlier releases.
3. Return any commuted license to the SLM server (i.e uncommute any commuted license key). Failing to do so, the commuted license key may be corrupted. In that case, the license then can NOT be used anymore locally but also can't be returned to the server for other users.

Commuting licenses, un-commuting licenses and installing a cumulative hotfix must be done with full local administrator rights. To check whether you are using commuted license keys, start the utility "SLM Commute" from Start, Programs, AspenTech, Common Utilities. If this tool is not installed on your computer, most likely you have no commuted licenses. If you suspect someone may have uninstalled the SLM tools from your computer after commuting licenses, you can install the SLM Commute utility from the Admin DVD (install SLM Client).

**Note:** The Pro-II converter that was part of CP1 (Solution id: 130072) get installed also if we install CP2 without the need to install CP1 first.

### **Installation Instructions**

Select the **ProcessModeling(HYSYS)V7.2\_Patch2.exe** link above.

Note that there is no specific message to indicate the hot fix has been applied successfully.

In order to install the patch, it may be necessary to load the aspenONE V7.2 Engineering Suite DVD or access the network drive where the aspenONE V7.2 Engineering Suite was initially installed.

**Note:** Before running the patch, change the attribute to full control on the security tab (right click menu option) to full control for DBRAminesPkg.dll (C:\Program Files\Common

Files\Hyprotech\DBRAmine\Version 7.4) If you are going to install CP2 on top of CP1.

In earlier release DBRAminesPkg.dll security attribute was set to read only by mistake. The issue is fixed now on the HYSYS side with respect to the one posted is that the DBRAminesPkg.dll is not longer read only. However, if you try to install on top of CP1 you will still get the error message regarding

DBRAminesPkg.dll if security attribute is not changed to full control. Users can also disregard it as well.

The fix will be valid when user will try to install a possible CP3 in the future on top of CP2 because CP2 is not longer delivering this file as read only.

### **After Installation**

To check whether a Cumulative Patch has been installed, start the product and select About Aspen HYSYS from the Help menu. The version number will indicate the cumulative patch installed as V7.2 (24.0.2.7263).

**Defects fixed in this Cumulative Patch****Issues addressed by Process Modeling (Aspen HYSYS) V7.2 Cumulative Patch 2****Affected Products**

Defect ID	Description	
CQ00416819	Aspen HYSYS	The input summary generation fails for cases having more than one fluid package.
CQ00417873	Aspen HYSYS	Error message when adding EO flowsheet - AP_EO_Model_Library license not found error
CQ00417600	Aspen HYSYS	Support creation of Component Groups on an External PDF created in HYSYS by importing a bkp file
CQ00417450	Aspen HYSYS	Equilibrium Reactor gives incorrect results when using Aspen Properties packages.
CQ00420301	Aspen HYSYS	RateSep results are incorrect as kinetic reactions may not take part in calculations because of incorrect specifications from HYSYS to Aspen Plus
CQ00417020	Aspen HYSYS Petroleum Refining	Issues in the HYSYS-PIMS interface
CQ00420580	Aspen HYSYS	Some of the points of heat-curves in heater/cooler operations are calculated incorrectly
CQ00417867	Aspen HYSYS	HYSYS EO model incorrectly displays solver still running message.

**Issues addressed by Process Modeling (Aspen HYSYS) V7.2 Cumulative Patch 1**

Defect ID	Affected Products	Description
CQ00401241	Aspen HYSYS	HYSYS Depressuring utility in fire mode gives different peak flow values in versions V7.0 and V7.1 compared to the version 2004.2 results.
CQ00405407	Aspen HYSYS	PH Calculations fail when using Aspen Properties elec-NRTL property packages.
CQ00408090	Aspen HYSYS	LNG dynamic simulations show mass imbalances.
CQ00412460	Aspen HYSYS	HYSYS simulation freezes when trying to use the Li-Mather method of the DBR Amines property package.
CQ00413213	Aspen HYSYS	Hundred of error messages after a HYSYS EO simulation.
CQ00413405	Aspen HYSYS	HYSYS crashes when trying to create a new component group for an Aspen Properties component list.
CQ00413849	Aspen HYSYS	HYSYS uses empty values for the boiling point of Aspen Properties databank components which can cause some property calculations to fail.
CQ00415116	Aspen HYSYS	Wrong values of heat capacity when using the Lee-

	Petroleum Refining	Kesler method
CQ00415420	Aspen HYSYS	HYSYS Depressuring utility does not close the mass balance.

#### Files changed in Process Modeling (Aspen HYSYS) V7.2 Cumulative Patch 2

Changed Deliverable Files	File Version / Date Modified
hsys.exe	24.0.1.7263 / Nov. 2 2010
aplusint.dll	24.0.1.7265 / Nov 2 2010
Aspenhydraulics.dll	24.0.1.7265 / Nov. 6 <sup>th</sup> 2010
apropconnect.exe	24.0.1.7265/ Nov. 2 2010
Comthermo.dll	24.0.1.7265 / Nov. 6 <sup>th</sup> 2010
hyspropC.dll	24.0.1.7265 / Nov. 2 2010
Hysupstream.dll	24.0.1.7265/ Nov. 2 2010
hysutil.dll	24.0.1.7265/ Nov. 2 2010
hysyseng.dll	24.0.1.7265 / Nov. 2 2010
iface.dll	24.0.1.7265/ Nov. 2 2010
Lumdelum.dll	24.0.1.7265/ Nov. 2 2010
Petroleumprops.dll	24.0.1.7265/ Nov. 2 2010
Refsys.dll	24.0.1.7265/ Nov. 2 2010
support\hsys.mdf	Oct. 19 2010
support\aplusint.mdf	Oct. 15 2010
support\hsys.sdb	Oct. 19 2010
support\refsys.sdb	Oct. 19 2010
Support\summview.htm	Sept. 7 2010
proii.pkf (deleted)	
Program Files\Common Files\Hyprotech\DBRAmine\Version 7.4 \DBRAminePkg.dll	7.4.0.1 / May 17 <sup>th</sup> 2010

#### **Documentation**

A detailed list of items fixed and files modified is included in the attached file (Process Modeling (Aspen HYSYS) V7.2 Cumulative Patch 2 Summary.doc).

#### **KeyWords**

Patch  
Hot Fix  
Engineering Release  
V7.2  
Cumulative Patch

How do you rate this solution?

(Not Helpful)

1	2	3	4	5
jn	jn	jn	jn	jn

(Very Helpful)

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