

Hampson-Russell
A CGGVeritas Company

Release Notes - Software Release CE8/R4.4.1

(Last Revision: May 26, 2010)

Software Release Date: May 26, 2010

List of Products:

Product Name:	Features supplied for version CE8/R4:			Comments:
AFI	afi			Must also have AVO.
AVO	avo	geoview pro3d	elog	
eLog	elog	geoview		
EMERGE	emerge	geoview	elog	
GLI3D	gli3d			
ISMap	ismap	Geoview		
Pro4D	pro4d	geoview		
ProMC	promc	geoview		
STRATA	strata	geoview bstrata	elog	
GeoView	geoview	seisloader		Please read a disclaimer notice below.
		view3d		Please read a disclaimer notice below.

Product Name:	Licenses Supplied with Products														
	afi 3.00	avo 7.00	bstrata 7.00	elog 5.00	emerge 5.00	geoview 5.00	gli3d 8.00	glipick 8.00	ismap 6.00	pro3d 7.00	pro4d 3.00	promc 2.00	seisloader 1.00	strata 7.00	view3d 1.00
AFI	+														
AVO		+		+		+				+			+		+
AVO modeling		+		+		+							+		+
AVO processing						+				+			+		+
eLog				+		+									
EMERGE				+	+	+							+		+
GLI3D							+	+							
ISMap						+			+				+		+
Pro4D						+					+		+		+
ProMC						+						+	+		+
STRATA			+	+		+							+	+	+

Program Notes:

Third party data connections

Well Exchange / OpenWorks

- Exporting well, curve and tops information from Geoview to OpenWorks is temporarily disabled in the Solaris versions of Well Exchange / OpenWorks.
- The Solaris version for OpenWorks R5000 is not available for the CE8/R4.4.1 release and will be made available later as a patch update.

Well Exchange / OpenSpirit

- Exporting well, curve and tops information from Geoview to OpenSpirit data stores is temporarily disabled in Well Exchange / OpenSpirit.

List of New Features and Enhancements:

Summary

This is a patch release, containing rigorous bug fixes and some enhancements.

The Most Important Features:

1. We optimized the cross-correlation algorithm in Pro4D.
2. We have solved a problem of Well Exchange not exporting wells and curves to OpenWorks on Linux systems.
3. We made more improvements for displaying Fracture Volumes in View3D.
4. We now support 32 and 64 bit Windows 7 operating systems.

Details

Geoview

Nothing new this release.

See also the Third party data connections section below for OpenWorks and GeoFrame well, log and tops handling and improvements.

eLOG

Nothing new this release.

Fluid Replacement Modeling (FRM)

Nothing new this release.

AFI

Nothing new this release.

AVO

AVO Analysis and Processing:

See also the General section below for seismic data handling and other general improvements.

1. The window is now updated correctly when browsing wells in Gradient Analysis. (#2821)
2. We optimized the cross-correlation algorithm. (#2844)

AVO Modeling:

See also eLog section above for more log curves related editing and FRM.

EMERGE

Nothing new this release.

See also the General section below for seismic data handling and other general improvements.

ISMAP

3. Solved a problem of cross validation not starting. (#2838)

PRO4D

4. We optimized the cross-correlation algorithm. (#2844)
5. We have solved the problem of cross-normalization returning zeroes when the running average and exclusion zones are used together. (#2846)
6. We fixed the problem of the Difference dialog being unable to display the second page and therefore being unable to start processing. (#2847)

See eLOG above for some items related to well log editing and FRM. See also the General section below for seismic data handling and other general improvements.

PROMC

7. The process now does not use the porosity log for range checking if the porosity is also calculated. (#1436)
8. PROMC now accepts SEG-Y types VP and VS. (#2853)
9. Improvements made for multi-2D data: added super volume handling in model editing and fixed problems in color displays. (#2854)
10. Corrected the handling of joint angles in simultaneous inversion. (#2855)

See eLOG above for some items related to well log editing and FRM. See also the General section below for seismic data handling and other general improvements.

STRATA

See also the General section below for seismic data handling and other general improvements, and see eLOG above for some items related to well log editing.

GENERAL

Data Slice, Base Map, Horizons

Installation

Cross Plot

11. A correction was made to catch an invalid character in the output cross plot name. (#2833)

Time-Velocity Table

Nothing new this release.

Seismic Data Handling

12. Solved the problem of the programs crashing when storing the CDP table for large 2D SEG-Y files. (#2856)

Trace Plotting

Wavelet

Nothing new this release.

Third party data connections

Well Exchange / OpenSpirit

Well Exchange / OpenWorks

13. We have solved the problem of Well Exchange not exporting wells and curves to OpenWorks on Linux systems. (#2849)
14. You can now export renamed Time-Depth curves to OpenWorks. (#2850)

SeisWorks

View3D

15. We made more improvements for displaying Fracture Volumes. (#2802)

Hampson-Russell Assistant

FTP Download

The software installation images can be found at our ftp sites. Please visit <http://www.cggveritas.com/hampson-russell> for instructions and details.

CD and Package Labels

<i>Platform</i>	<i>Version</i>	<i>Date Label</i>
SUN / Sparc Solaris	CE8/R4	May 26, 2010
SGI / IRIX	CE8/R4	May 26, 2010
LINUX / Red Hat	CE8/R4	May 26, 2010
PC / Windows	CE8/R4	May 26, 2010

Supported Operating Systems are listed on the HRS Hardware Specifications page at http://www.cggveritas.com/data//1/rec_docs/812_HRS_Hardware_Specification_2008-12.pdf.

Note: Some modules are not available for some platforms. See the Compilation Dates table below, visit our web site <http://www.cggveritas.com/hampson-russell>, or contact our support staff for more details.

Compilation Dates

<i>Executable/Module</i>	<i>Solaris</i>	<i>IRIX</i>	<i>Linux</i>	<i>Windows</i>
AFI	February 26, 2010	February 26, 2010	February 26, 2010	February 26, 2010
Autocal(32-bit)	May 19, 2010	February 27, 2010	May 19, 2010	May 13, 2010
Autocal(64-bit)	May 19, 2010	Not Available	May 19, 2010	May 13, 2010
Backgroundservices (32-bit)	May 19, 2010	February 27, 2010	May 19, 2010	May 13, 2010
Backgroundservices (64-bit)	May 19, 2010	Not Available	May 19, 2010	May 13, 2010
AVO	February 26, 2010	February 26, 2010	February 26, 2010	February 26, 2010
eLog	February 26, 2010	February 26, 2010	February 26, 2010	February 26, 2010
EMERGE	February 26, 2010	February 27, 2010	February 26, 2010	February 26, 2010

GeoView(32-bit)	May 19, 2010	February 27, 2010	May 19, 2010	May 13, 2010
GeoView (64-bit)	May 19, 2010	Not Available	May 19, 2010	May 13, 2010
logdialog	February 26, 2010	February 26, 2010	February 26, 2010	February 26, 2010
ISMap	February 26, 2010	February 27, 2010	February 26, 2010	February 26, 2010
ismapEmerge(32-bit)	May 19, 2010	February 27, 2010	May 19, 2010	May 13, 2010
ismapEmerge(64-bit)	May 19, 2010	Not Available	May 19, 2010	May 13, 2010
Pro4D	February 26, 2010	February 27, 2010	February 26, 2010	February 26, 2010
ProMC	February 26, 2010	February 27, 2010	February 26, 2010	February 26, 2010
SeisLoader(32-bit)	May 19, 2010	February 27, 2010	May 19, 2010	May 13, 2010
SeisLoader(64-bit)	May 19, 2009	Not Available	May 19, 2010	May 13, 2010
STRATA	February 26, 2010	February 27, 2010	February 26, 2010	February 26, 2010
strataBatch(32-bit)	February 26, 2010	February 27, 2010	February 26, 2010	February 26, 2010
strataBatch(64-bit)	March 2, 2010	Not Available	February 26, 2010	February 26, 2010
View3D (32-bit)	Not Available	Not Available	May 19, 2010	February 26, 2010
View3D (64-bit)	March 1, 2010	Not Available	May 19, 2010	February 26, 2010
swsv (SeisWorks) Emerald City R2003.12	Feb 20, 2009	Dec 11, 2007	July 9, 2009	Not Available
swsv (SeisWorks R5000)	Feb 20, 2009	Not Available	March 31, 2009 (both 32-bit & 64-bit)	Not Available
WLEx (OpenWorks Emerald City R2003.12)	May 6, 2010	May 14, 2009	May 6, 2010	Not Available
WLEx (OpenWorks R5000)	Temporarily unavailable	Not Available	May 18, 2010	Not Available
WLEx (OpenSpirit)	May 6, 2010	Not Available	May 7, 2010	May 6, 2010
WLEx (GeoFrame 3.8.1)	Oct. 24, 2004	Not Available	Not Available	Not Available
WLEx (GeoFrame 4.0.2)	Feb. 1, 2006	Not Available	Not Available	Not Available
WLEx (GeoFrame 4.04)	Feb. 1, 2006	Not Available	Not Available	Not Available
WLEX (GeoFrame 4.2)	Feb. 1, 2006	Not Available	Feb. 1, 2006	Not Available
WLEX (GeoFrame 4.3)	Oct 13, 2009	Not Available	November 3, 2009	Not Available
WLEX (GeoFrame 4.4)	Not Available	Not Available	May 15, 2009	Not Available

OpenSpirit (well data support)	2.9.4, 3.1.1	Not Available	2.9.4, 3.1.1	2.9.4, 3.1.1
OpenSpirit (seismic data support)	2.9.4	Not Available	2.9.4	2.9.4
FLEXlm 32-bit applications	8.1b	8.1b	9.5.0	8.1b
FLEXlm 64-bit applications	9.5.0	Not Available	9.5.0	FLEXnet 11.4.0
FLEXnet License Manager (Hamp-Russ, and lmgrd package)	11.4.0	FLEXlm 8.1b	11.4.0	11.4.0
	<i>Solaris</i>	<i>IRIX</i>	<i>Linux</i>	<i>Windows</i>
Adobe (Acrobat) Reader is no longer included. If you need Adobe Acrobat, please see your IT department. Our help system is no longer in pdf format, but our tutorial guides are still in that format.				

Disclaimer for SeisLoader and View3D:

SeisLoader is one of the many new features added to the Hampson-Russell suite of software for the CE8 releases. However, we specifically limit the licensing of SeisLoader to the CE8 releases only, due to the nature of this product. Although we think you will find SeisLoader to be an excellent addition to our product line, with its simplified data loading, viewing, and ease of interpretation, SeisLoader is currently a prototype for the new seismic interpretation interface for all of our products.

We hope that you will use, enjoy and provide feedback on the interface over the coming months, and provide us with the information to refine the design and incorporate your ideas. The new seismic interpretation interface will be incorporated into our main product lines and SeisLoader as a stand-alone utility will not be in the CE9 release.

Similarly, View3D is a visualization tool which will be incorporated gradually into all our products.