



9870 Pozos Lane  
Conroe, Texas 77303-2106

Phone: +1 (936) 521-2200  
Fax: +1 (936) 521-2275  
Email: [CTESSales@nov.com](mailto:CTESSales@nov.com)  
Web: [www.nov.com/ctes](http://www.nov.com/ctes)

## Cerberus™ v10.0 Software Enhancements

### **Orpheus™**

- Tubing forces modeling of simple Flatpak®-type tubing (CT only)
- Parameters added to Sensitivity Analysis:
  - Agitator-related (CT/JP)
  - Identify output values that cause the CT, WL, JP, or weak point/disconnect to be exceeded
- Improved real-time modeling of forces by allowing specification of full Orpheus project from OrionNET™
- More detailed project information in reports:
  - Tool string diagram
  - Display Maximum OD

### **Hydra™**

- Job Design Wizard allows for pumping while tubing is stationary (CT/JP)
- All calculation options are saved with the project, allowing improved repeatability of results (CT/JP)
- Additional graphs available for plotting:
  - Plot of Solids Velocity Factor vs. Depth (CT/JP)
  - Plot of Amount of Solids Cleaned to Surface vs. Time Using Data in Stage Table (CT/JP)

### **CT Fatigue (CT only)**

- String Editor replaces String Manager; updated interface:
  - Add Total Running Feet
  - Allow printing of both the Fatigue diagram and the Diameter diagram in the same report
- Fatigue plot can be displayed with free end on left
- More flexibility when determining the remaining fatigue life for an existing string (estimate remaining trips)
- Argus TubeSpec™ wall-thickness measurements can be used in Fatigue calculations

### **General Enhancements**

- Tool String Editor includes 'undo' feature
- New interface supports dragging and dropping multiple projects from the main Cerberus screen
- The user can now create a new folder when creating a new project
- NOV Downhole Agitator™ added to toolbox (CT/JP)
- Improved network-drive data performance
- Improved data handling to reduce database corruption

Cerberus v10.0 is 64-bit compatible and supports the Windows 7® operating system

---

***Attention: Cerberus Users with Current Licenses***

Licensed Cerberus users may download the current-version Cerberus software from the NOV CTES website.

➤ **To download Cerberus v10.0**

1. Obtain password information (see “To obtain password information or to renew a license”)
2. (Recommended) Back up all Cerberus-related data  
Select **Utilities > Backup & Restore > Backup Data Directory**
3. (Recommended) Uninstall earlier-version software
4. Navigate to the NOV CTES software download center:  
[http://ctes.nov.com/Software/download/Active\\_Customers.asp](http://ctes.nov.com/Software/download/Active_Customers.asp)
5. Select the appropriate company name to access the password-protected file

➤ **To obtain password information or to renew a license**

- Contact NOV CTES for assistance:  
+1 936 521 2200  
[CTESsales@nov.com](mailto:CTESsales@nov.com)

➤ **To obtain authorization (when prompted)**

- Click the online **Internet** button  
OR
- Email the authorization code to [CTESkeys@nov.com](mailto:CTESkeys@nov.com)