Mud plays a very important role in carrying cuttings out of the wellbore to the surface. Maintaining mud in good quality is an essential task during any drilling operation. Various additives are added to the mud to make it more effective; however, due to the high cost of some of these additives, the creation of mud can be expensive; therefore, recording mud volume and monitoring mud concentrations is imperative.

With years of experience on developing mud reporting software, Pegasus Vertex, Inc. has developed MUDPRO⁺, an advanced drilling mud reporting software. MUDPRO⁺ can help mud engineers achieve their daily tasks efficiently. The software can generate daily mud reports, record mud properties, record inventory usage, and perform engineering calculations. Furthermore, it includes enhanced mud volume tracking and concentration calculations, which are more accurate and effective in handling a variety of mud volume transitions.
Features

- Pits initial setup
- Customizable product package size
- Customizable mud additions and losses
- Return ticket function
- Products and/or water additions
- Mud receiving, returning and transferring
- Switch pits between active and reserve
- Enhanced concentration calculations
- Reset concentration for dump mud
- Salt type selections: NaCl, CaCl₂ or dual salts
- EDTA and silver nitrate calculations
- Mud losses in reserve pits
- Pit volume validation for pit capacity
- Volumes of products, weight materials and based fluids calculations
- Mud concentration initialization for received mud
- Action log table
- Additional tables in “Recap” window
- Cost summary and concentration reports
- Multi-language: English, Spanish and Chinese

System Requirements

- Microsoft Windows® 10
- Microsoft Windows® 8/8.1
- Microsoft Windows® 7
- Microsoft Office® 2010 or later
- Dual core processor, 1.4 GHz or faster
- 4 GB RAM
- 200 MB of free disk space for installation
- 1,280 x 768 display resolution