

New Features in PLog Version 6

Run PLog on a Tablet PC, Laptop PC, Desktop PC or PDA – Dataforensics has licensed the Simulator from Palm for usage on personal computers such that you can run the PLog PDA module on your PC. You get all the benefits of PLog as well as a much bigger screen size to input your data.

Upgrade to PLog Environmental - PLog Environmental includes all of the PLog Standard Edition features described below plus many more. Go to www.dataforensics.net/PLogEnvironmental.pdf for more details.

Simplified Navigation

- **Easier deletion to save you time** – Everyone wanders in to a module in PLog periodically they didn't mean to. We have made it easier than ever to delete these mistakes. Simply select the X at the top of the PDA screen and verify that you want to delete the item. This saves 2 clicks and changing forms!
- **Previous Soil Specimen ID** – When entering a soil specimen you can now view the previous specimen ID. This is helpful when entering increasing alphanumeric specimen IDs and minimizes back navigation.

More Streamlined Soil and Rock Descriptions

- **Soil Sample and Layer Description Customization with the Express Form** – You can now put up to 10 soil description items (major constituent, consistency, color, et cetera) on a single form in PLog. This works for a short soil description or to consolidate forms.
- **Rock Sample and Layer Description Customization with Express Form** - You can now put up to 10 rock description items (rock type, grain size, color, et cetera) on a single form in PLog. This works for a short rock description or to consolidate forms.

More Soil and Rock Description Capabilities

- **Composite Soil and Rock Layers and Samples** – You can now describe two complete component descriptions for soil layers or soil samples in a single description – works great for materials that are interbedded.
- **Composite Rock Layers and Samples** – You can now describe two separate rock layers or samples in a single description – just like for the soils above, it works great for materials that are interbedded.
- **Munsell Color Capabilities** – You can replace the standard colors in PLog with Munsell codes. Select the code and the related color will appear in the Description Summary field in PLog.

More Data Collection Capabilities

- **New Rock Description Fields** – Hardness is now a field for rock descriptions. You can customize the dropdown list values to meet your company's requirements.
- **More Project Information for DOT's** – You can now enter the route number for a project in addition to our standard project information.
- **More Borehole Information** – In addition to our standard borehole information you can now enter structure number and drilling fluid for a borehole.

- **Latitude and Longitude** - You were always able to enter station and offset and northing and easting with PLog and now you can enter latitude and longitude in separate fields too! Perfect for when you are downloading coordinates from a handheld GPS unit.
- **Standardized Refusal Remarks** – You can select refusal remarks from a customizable dropdown list.
- **Thin Wall Push Pressure** – You can now enter the pressure required to push a thin wall sample.
- **Coring Rate Pressure** – You can enter the drilling pressure during a coring interval.
- **Increased field sizes** – You can record longer descriptions for Drilling Method, Coring Method, Abandonment Method and Location description.

New or Revised Data Collection Modules

- **Revised Well Construction Info and Inclinator Construction Info Modules** – You can now enter the volume for any applicable component such as filter sand, grout, bentonite, or cement mix.
- **New Well Details Module** – You can now enter individual well construction components such as casing elevation, stick up top and bottom of screen, bottom of well, casing type and screen type directly in to PLog.
- **Pile Driving Module** – You can now enter pile data and pile driving information on to PLog including the number of blows per 12 inches of penetration and the time lapse for penetration.
- **Rock Coring Strength Module** – You can select the strength for a rock layer independent of stratigraphy.
- **Penetration Resistance Module** – You can enter descriptive terms for the penetration resistance felt when advancing an auger, SPT sampler, thin wall sampler or rock core independent from layers and samples.

Other New Features

- **Data Verification** – When you select the verification button you are informed of any boreholes that do not have a bottom depth.
- **Improved Work Order Capabilities** – Now when you create a work order using the PLog PC module to download to PLog on user's PDAs, you can include boreholes, boring type, depth, and location.
- **Automated backup** - You can setup PLog to automatically backup your data at a standard time interval.

Enhanced PC Application

- **Multiple libraries and field databases** – Have you ever wanted to take the PLog or Library database into the field on your laptop instead of synchronizing with the database on your company server? If so, the PLog allows you to specify which databases you should sync with on the PC/Server directly from the PC application instead of requiring administrative access to change ODBC settings.
- **Simplified Data Collection Configuration** – Instead of seeing all the different items you can configure in one dropdown list, the items are organized into categories such as Soil Description Options, Rock Description Options, etc.
- **Enhanced Integration with gINT** – Now you can select which boreholes are exported to gINT based on date in addition to selecting individual points, all points, or all points not in gINT.