

Osmose



Management Quick Start Guide

Osmose O-Calc® LE
Management Quick Start Guide
24 October 2016

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Osmose Utilities Services, Inc.
635 Highway 74 South
Peachtree City, Georgia 30269
Phone: 1-716-319-3747
www.OsmoseUtilities.com

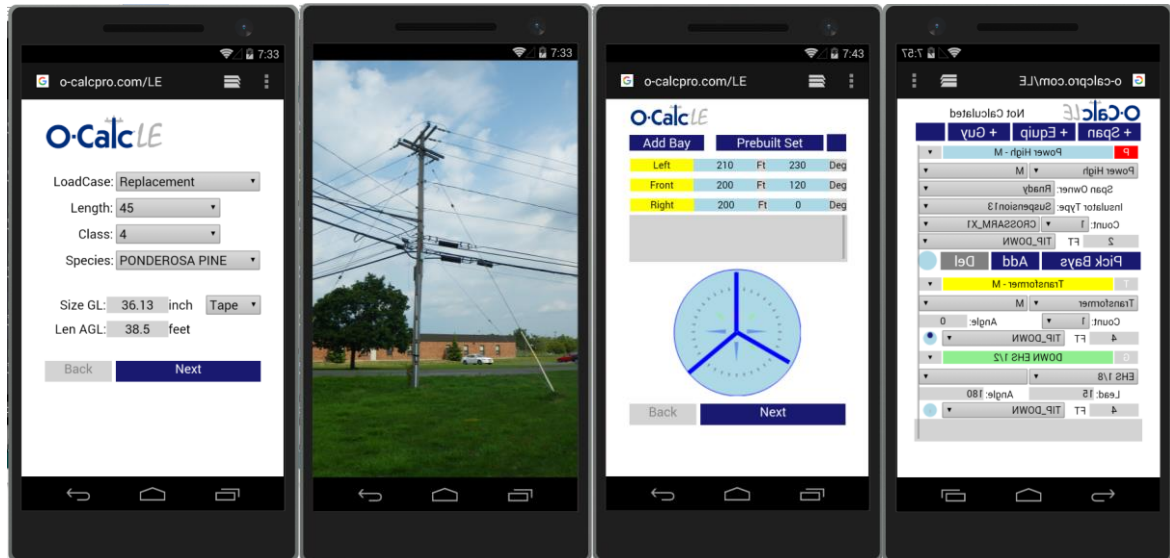
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O-Calc LE Management Quick Start Guide

Introduction

This document is a high level overview of the O-Calc LE process and how to efficiently manage various projects, schemas, collectors, and process analyses. The O-Calc LE process is a field data collection process, which is closely linked to the O-Calc Pro pole loading software. O-Calc LE (Load Estimation) is a process for performing highly accurate modeling and preliminary load estimation of distribution poles using any internet connected device. Once a utility pole has been collected using the O-Calc LE process, it can then later be easily and accurately accessed through the O-Calc Pro application. Within the O-Calc Pro Application it is possible to perform a more detailed pole loading analysis, pole restoration planning, joint use make-ready planning, and a full spectrum of activities supported by the O-Calc Pro family of productivity tools.



The O-Calc LE process consists of four major parts; Configuration, Management, Collection, and Processing. Once the O-Calc LE process has been configured, an O-Calc LE administrative user can manage the various projects, configuration files, and field data collection personnel. The field data collection personnel can log into O-Calc LE to start the data collection part of the process based on the projects/configuration files they have been assigned to. Once the field data collectors have completed the data collection step on a particular pole, this pole will instantaneously be available to the O-Calc LE administrative user for processing within the O-Calc Pro software.

This document concentrates on the various features and functions for an O-Calc LE administrative user to manage one or more projects, various configuration or schema files, the field data collectors, and finally to process the analyses once they have been uploaded by the field data collector. For information on how to create an O-Calc LE configurations, see the document “O-Calc LE – Configuration Quick Start Guide”. For more information on collecting field data, see the document “O-Calc LE – Field Data Collection Guide”.

Management – Main Components

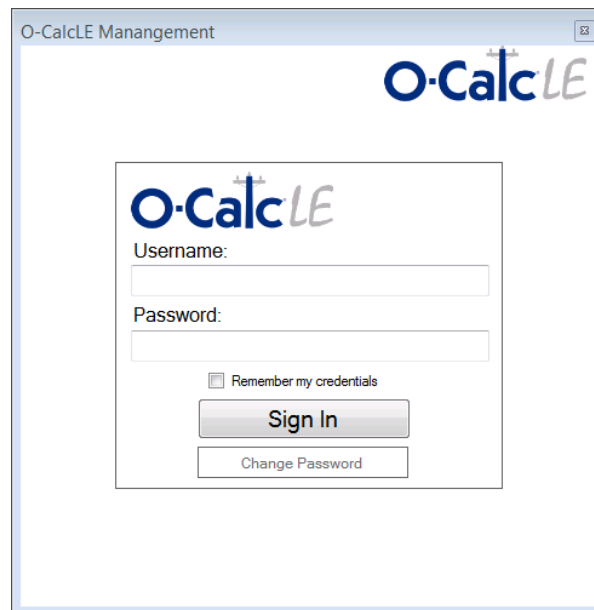
The O-Calc LE Management component enables an O-Calc Pro ‘Administrative’ user to create and manage projects, to assign and make active O-Calc LE configuration files to the project, to define and assign collectors to various projects, and finally to manage and process various analyses based on the data collected in the field. In order to work with the O-Calc LE Management component, you must have a valid license of the O-Calc Pro software (Version 5.2 or greater) and have the O-Calc Pro ‘O-Calc LE Management’ plugin activated. *See the section ‘Activating the O-Calc LE Configuration and Management Process’ at the end of this document for more details.*

Note: It is also important to note that before the O-Calc LE process can be utilized, you must first purchase a block of poles to process from Osmose. Contact Osmose to get current pricing and per-purchase you pole analyses:

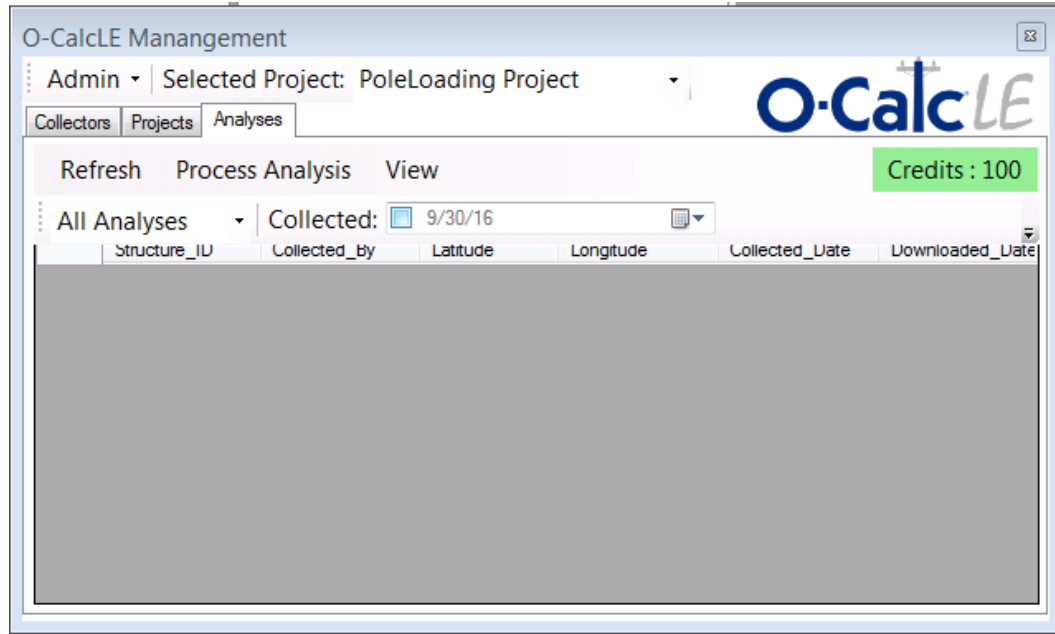
- Call: 716-319-3423
- Email: Ocalc@osmose.com

Besides crediting the user with a set number of poles that was per-purchased, Osmose will active your account and set up the initial primary user.

Once the O-Calc Pro plugin “O-Calc LE Management” has been installed, the O-Calc Pro interface will have an additional tab that will launch with a Sign In screen as follows:

The image shows a screenshot of a web application window titled "O-CalcLE Manangement". The window has a light blue header bar with the title and a small icon on the right. Below the header, the "O-CalcLE" logo is displayed in the top right corner. In the center of the window is a sign-in form. The form contains the "O-CalcLE" logo, a "Username:" label followed by a text input field, a "Password:" label followed by a text input field, a checkbox labeled "Remember my credentials", a "Sign In" button, and a "Change Password" button.

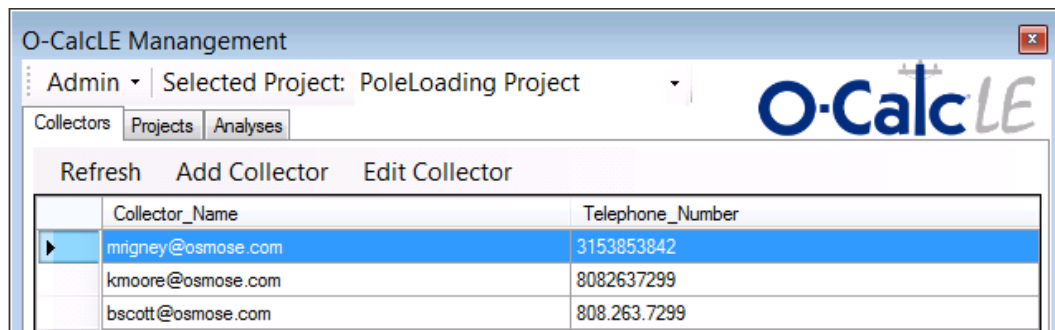
You can sign in using your Username (email address) and Password that your Osmose representative supplied to you. The ‘Remember my credentials’ check box will enable easier sign in the next time you need to work within O-Calc LE Management. You can also use the Change Password button to change the password supplied to you. After successfully signing in, the O-CalcLE Management window is as follows:



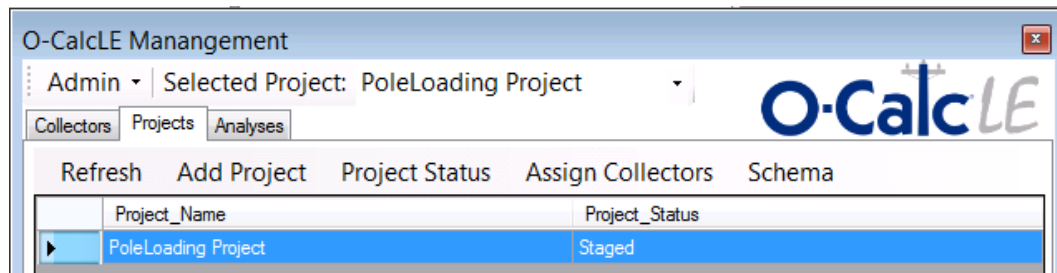
The main screen has an 'Admin' drop down menu that enables the user to log out and to set the default image storage location. If more than one project is being utilized, then the 'Select Project' will list each of different projects that the user can toggle through.

The main O-Calc LE Management screen also has three main tabs as follos:

Collectors – This tab enables the primary or secondary O-Calc LE Administrator to add collectors by specifying a username (email address), password, and phone number. Within this tab, it is also possible to edit the parameters of the Collector.

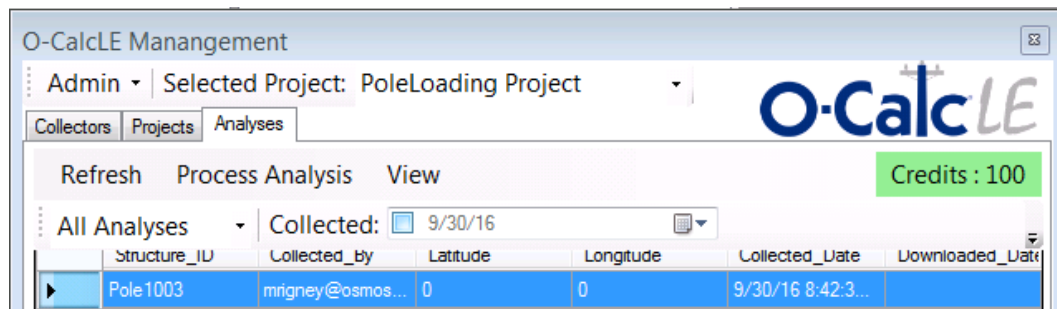


Projects – This tab enables the primary or secondary O-Calc LE Administrator to add projects, change the status of projects, assign collectors to the project, and assign schemas (configuration files) to the project.



Analyses – The Analyses tab enables the user to manage the poles that have been uploaded from the Field Collector. The main screen lists the poles that have been uploaded with information containing who, when, and where. This tab also contains the ‘Process Analysis’ function which enables the user to create an O-Calc Pro model of the data that was collected from the Field Collector. This ‘Process Analysis’ function downloads the field collected information and generate the O-Calc Pro model based on this data.

The Analysis tab contains the Credit Counter in the upper right-hand corner. It lists the number of remaining credits for this particular customer. Each time the ‘Process Analysis’ button is selected, this counter will decrement by one. When the number of credits is below a particular threshold, (defaults to 10) the credit counter will be high-lighted yellow. When the remaining credits drops to zero, the Process Analysis button will be disabled until additional Credits are purchased.



Typical Process of the O-Calc LE Management

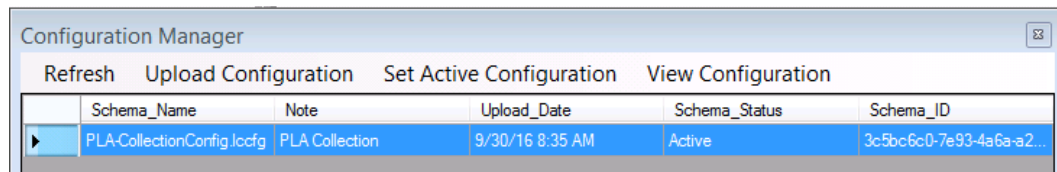
This section of the document describes the typical steps taken when working with the O-Calc LE Management screen. Recall that these steps are only possible once you are a registered user of the O-Calc LE process with Osmose and you have pre-purchased a number of credits.

1.) Project Set Up

The first step in the process is to setup the project details. This is accomplished within the Projects tab. Here the user would ‘Add Project’ by defining the project name. It’s project name that will be seen by the Field Users.

Once the project has been added, the user needs to assign a Schema to the project. The schema is the configuration file that was created during the O-Calc LE Configuration process. (See **O-Calc LE Configuration Quick Start Guide** for more details on creating this configuration file.) The Schema button within the Projects tab has two options: Schema Manager and View Active Schema. The ‘View Active Schema’ will display the

name of the configuration file associated with the active schema. The Schema Manager option will display the ‘Configuration Manager’ dialog box:

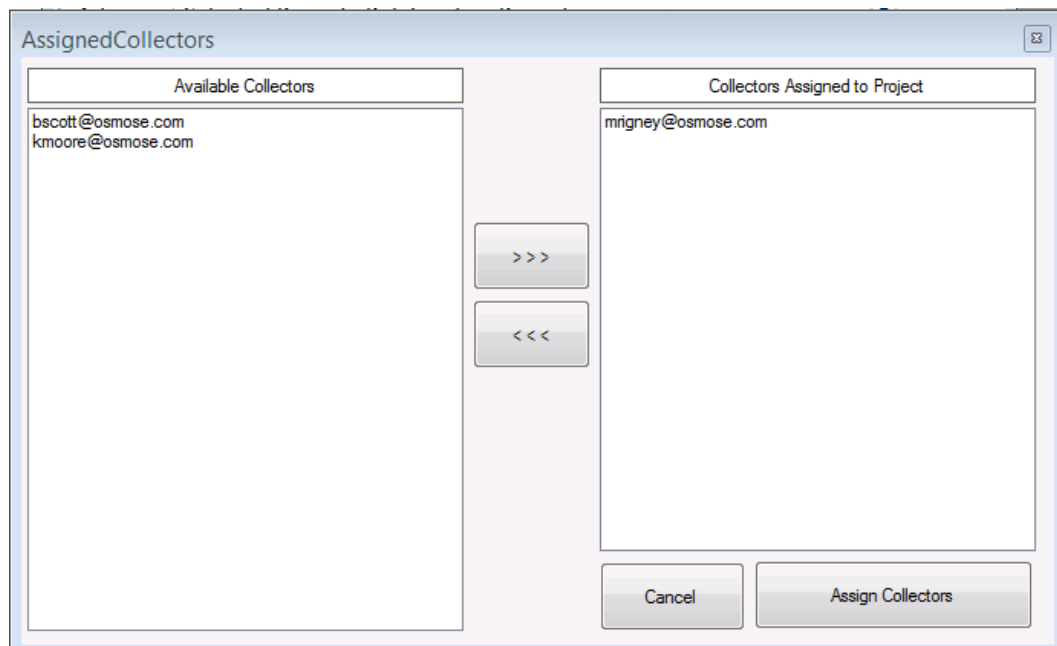


The Configuration Manager dialog box enables the user to first ‘Upload Configuration’ file by navigating to the previous created *.lccfg file. While the ‘Set Active Configuration’ option enables the user to pick a unique uploaded configuration file to be the active configuration for this project. You can have many configuration files upload for the project, but only one of these can be active at a time for the project.

The ‘View Configuration’ option will display a report on the details of the Schema. It is a report of the contains of the *.lccfg configuration file.

2.) Create and Assign Collectors

The Collectors tab contains a list of defined Field Users who have access to the O-Calc LE field data collection process. Collectors are first defined within the Collectors tab of the O-Calc LE Management screen. Once collectors have been created with a username (email address) and password, one or more collectors can be assigned by the primary or secondary administrator for the project using the ‘Assign Collectors’ button within the Projects tab. This option displays the Assigned Collectors dialog box:



This dialog box lists all the available collectors that have been created and provides the option to assign (>>>) button or de-assign (<<<) button to the project. Once the correct list of Collectors is assigned to the project, click the ‘Assign Collectors’ button.

Collectors can be assigned to more than one project. When this occurs, the Collectors will have to select the project they want to work on when the Field User signs in. See the document “O-Calc LE Field Data Collection Quick Start” for more detail here.

3.) Process Analysis

The final step of the process is to perform the Process Analysis function for field data collected information. As the Collectors in the field finish the data collection process and poles are uploaded, they will be available within the O-Calc LE Management Analyses tab. It may be necessary to click the ‘Refresh’ button to see any new available Analyses data. One first selects a pole within the list and then clicks the ‘Process Analysis’ button. The O-Calc LE process will gather the information that was collected in the field by the Field Collector and construct the O-Calc Pro model based on the appropriately configuration file associated with the data collected. All associated images with the data will also be imported to the O-Calc Pro model.

Activating the O-Calc LE Configuration and Management Process

To include either the “OCalcLE_Configuration.pplugin” or the “OCalcLE_Management.pplugin” to your O-Calc Pro application, you must following the following three step process: Download the Component, Install the Component, and Activate the Component.

1.) Download the Component

To download these components, within the O-Calc Pro interface use the option:

Tools -> Misc... -> Download Plugins and Reports

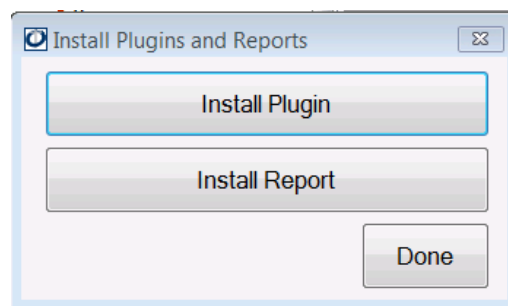
This will launch a web browser that corresponds to your particular installed version of the O-Calc Pro software. Scroll on this page until you find the two O-Calc LE components. A single left click on this component will enable you to download and save the component zip file to a local location on your desktop.

2.) Install the Component

Once the O-Calc LE component has been download, it can be ‘installed’ by using the O-Calc Pro option:

Tools -> Misc... -> Install Plugins and Reports

Which will launch the ‘Install Plugins and Reports’ dialog box:



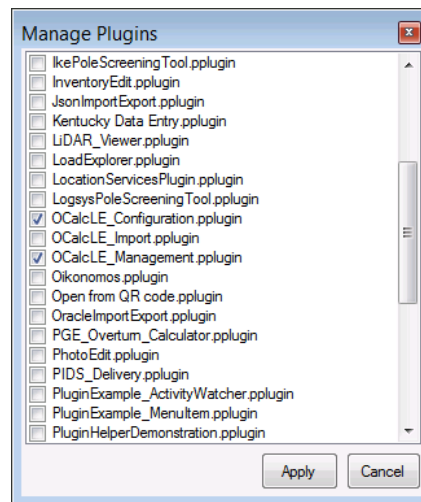
Clicking the “Install Plugin” button will prompt you to navigate to the saved location of the component zip file that was just downloaded. When the file finishes installing, there will be a prompt to restart the O-Calc Application. You can select “No”, as we will do this in the last step.

3.) Activate the Component

To activate the O-Calc LE component, use the O-Calc Pro option:

Options -> Manage Plugins

This will open the ‘Manage Plugin’ dialog box that will show a list of all available plugins.



Check the check box next to any component will wish to activate and then click the “Apply” button. Then select the option to restart O-Calc Pro to see these plugins within the O-Calc Pro interface.