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| *Pacific Gas and Electric Company* | |
| CC&B Interface User Guide | |
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| Project | ED AM/GIS |
|  |  |
| Prepared by | Ashish Narasimham |
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| 1.0 | September 3, 2013 | Ashish Narasimham | Initial Document Creation |

# Introduction

## Purpose

This document is intended to detail the implementation and configuration steps required to implement the CC&B application. This document describes the various installation and configuration aspects required to successfully run CC&B.

## Terms Used

|  |  |
| --- | --- |
| OOTB | Out of the box. Unmodified from the commercial version. |
| TFS | Team Foundation Server |

## Application Dependencies

This application may depend on other applications or functionality in order to run successfully.

* **UC4**

CC&B can be run independently but was built specifically to be run periodically via the UC4 batch scheduler. Please see the referenced Run Book document for more information on running the tool in UC4.

## Dependent Applications

Some applications or custom functionality may depend on this application running successfully.

* None

## External Documents

Listed below are any external documents pertinent to this application or referenced within this guide.

* **CC&B Run Book Template**  
  TFS: $/EDAMGIS/Source/IBM GIS/Standalone Executables/CCBServicePointUpdater/  
   /Documentation/CC&B Run Book.doc

# Database Setup

## CEDSA Data Mirror

Verify that the CEDSADATA schema exists and has been given the proper permissions by entering the following query into an SQL prompt as the GIS\_I user:

SELECT COUNT(\*) FROM CEDSADATA.METER;

If the query returns a value and does not error out, then the test passes.

## Multiversioned Views

This application requires that views be created prior to the first run of the application.

1. Open the ‘Set\_Env\_Vars.bat’ file and modify the variables to reflect the proper usernames and passwords for both the EDGIS and GIS\_I users.
2. In the Scripts folder of the Source, run the file titled ‘0\_Config\_CCB\_Interface.bat’ to create the multiversioned views required for the scripts to run.

# Installation

## Prerequisites

## Installation Steps

We will need to create an index through ArcCatalog on the feature class EDGIS.Transformer on (CEDSADEVICEID, GLOBALID). Please follow the steps below:

# Configuration

## Set Environment Variables

Configuration for this tool is simply setting the usernames and passwords in the ‘Set\_Env\_Vars.bat’ file before running either the Config batch file or the regular ‘1\_Run\_CCB\_Interface.bat’ script.

# Usage

## Standalone Usage

Once the geodatabase setup and configuration have been completed, the tool can be run. While the tool is designed to be run as a periodic scheduled process, it may also be run on-demand using the following steps:

1. Open the location of the CC&B application.
2. Double-click on the “1\_Run\_CCB\_Interface.bat” application to run it.
3. On-screen progress will be indicated while the tool runs.

## Batch Usage

CC&B should be configured for twice monthly use with UC4. The database must be active during the schedule time of the execution.

More information about usage of the application with UC4 is detailed in the CC&B Run Book document.

## Output Log Location

This application writes output to two log files every time it is run. To find the output from previous executions, use the following steps:

1. Open the location of the CC&B application.
2. Find the “.log” files. These will only exist if the application has been run at least once.
3. Open either of the files with a text editor.
4. Look through the file as necessary.

# Known Issues

*No known issues have been discovered at this time.*