## The Mercury Engineering App - Deployment Guide

# Introduction

This document describes various instructions required to configure and deploy the ‘MercuryEngApp’, which is a stand-alone Windows Application.

# Prerequisites

Following are the pre-requisites to successfully deploy and run the MercuryEngApp:

1. Operating System: Windows 8.1 or later.
2. MS .Net Framework 4.5

# Reference Libraries

Following third party libraries are used by the Mercury Engineering Application:

1. Log4Net.dll
2. Newtonsoft.Json.dll
3. WriteableBitmapEx.Wpf.dll

# MercuryEngApp Installation

The MercuryEngApp can be installed on a Windows 8.1 machine by simply copying the required binaries, xml and configuration files from the output folder to the destination folder. No files are registered in the Global Assembly Cache, or the Windows Registry.

The application can be run by executing the MercuryEngApp.exe.

# MercuryEngApp Uninstalling

User can uninstall the MercuryEngApp simply by deleting the folder which contains the MercuryEngApp binaries, xml, configuration files and the generated log files.

# MercuryEngApp Configuration

The configuration file ‘MercuryEngApp.exe.config’ is used for configuring various settings required for the application.

# MercuryEngApp Logs

The MercuryEngApp uses Log4Net library for logging various activities and behaviour of the application. Following log files are generated:

1. EnggApp log: Contains application activities, errors and exceptions
2. Application log: Various activities carried out on Application tab, are logged here.
3. TCD log: Various TCD activities carried out on TCD tab, are logged here.

Settings of these log files can be configured in the MercuryEngApp.exe.config file.