

Pocket 3D Layout Navigator (LN) for MC-Mobile

This class teaches the simple steps from start to finish in basic workflows and data completion. Starting off by going over the software and how it operates, then moving onto jobsite pre-planning and Control point visualization. Next, will be going over setting up the project, machine builds, and data management. Once the technology is established we will cover instrument routines and daily workflows, project creation, and first-time setup. With the project established we will move onto data collection, surface design, and transferring it to the 3DMC software. We will finish the day with second day setup, basic 3DMC workflows for MC-Mobile, and basic troubleshooting Tasks.

This class is based on the MC-Mobile platform using Pocket 3D (current version) on the Cedar Tablets using an LN series instrument and MC-Mobile 3DMC Software.

- Inspecting the area to determine and mark proper and standard total station and control point locations
- How to properly set up your brand new LN-150 in a location where you can efficiently work
- How to properly power up, level, and connect all equipment
- Checking P3D activation, creating equipment builds, and starting a new site
- Workflows that allow you to create starting points to properly begin the job and set up your instrument
- Measuring in the minimum of four control points and check points
- Measuring in already placed or existing concrete forms and all other boundary items
- Creating and designing the TIN Surfaces for machine usage
- Opening the Site in 3DMC and connecting to the machine efficiently
- Managing and activating the surfaces in 3DMC as well as creating basic surfaces.
- Machine usage and common workflows
 - o Swing Boom
 - o Bucket Changing
- Controlling your LN-150 through 3DMC for proper aiming after losing your prism
- Troubleshooting common issues

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