



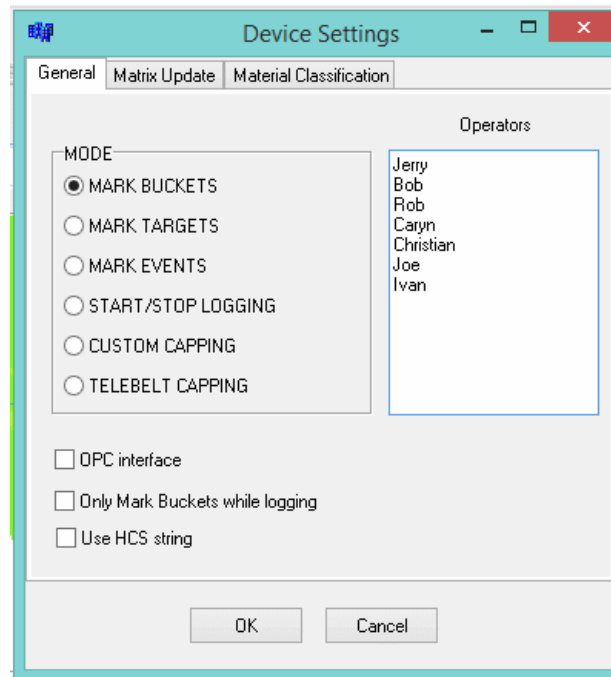
Using the Bucket Driver when Capping

By Jerry Knisley

Recently changes were made to allow the user to place material using the Bucket driver. The driver will update values within a user defined footprint.

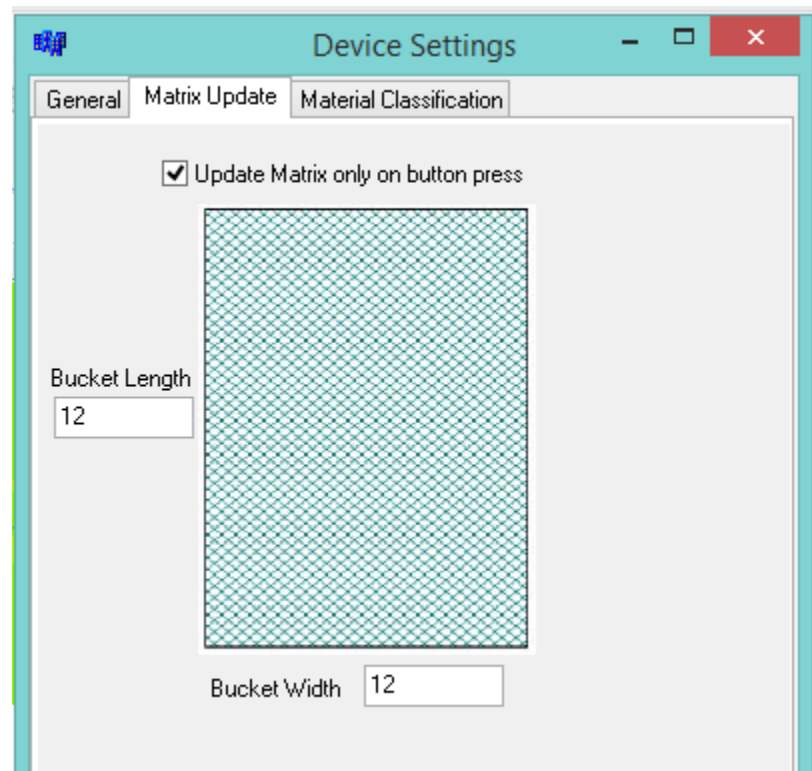
The initial setting allows you to mark buckets by pressing a thumb switch. The switch is connected to a serial port on the computer.

FIGURE 1. *Bucket Marking Options*



On the Matrix update tab, you specify the size of the bucket and then choose to update the matrix only when the button is pressed. The depth device attached to the same mobile will provide the depth to the button. This depth device must have the Update Matrix function disabled in the HARDWARE program.

FIGURE 2. Matrix Update Tab



In Figure 3 you can see that in all three displays—the map, the excavator and the mobile profile—the matrix is filled up. To achieve this, the matrix has to be set to minimum instead of maximum in depth mode and maximum when in elevation mode.

FIGURE 3. Painting the Matrix in the Map, Profile and the Excavator Windows

