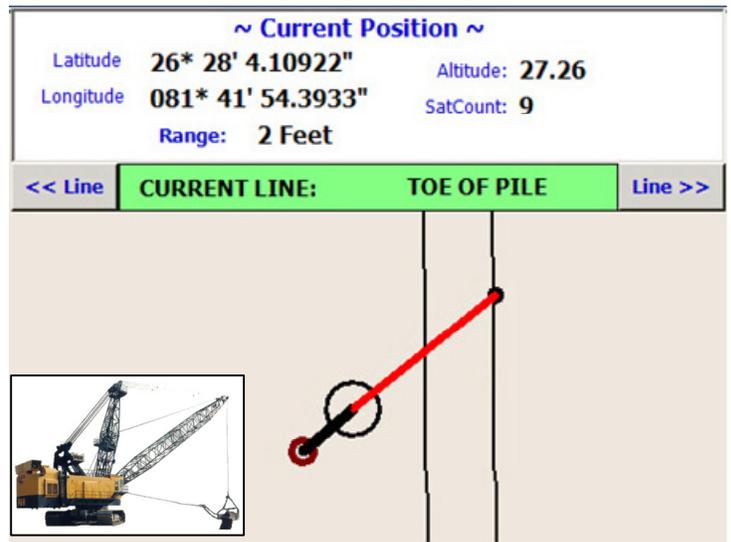


LAS Dragline Monitor LT

Increase your Efficiency and Production

The LogicAll Solutions (LAS) Dragline Monitor LT is an innovative application designed for use in dragline cranes. The system monitors dual GPS receivers and displays the position and orientation of the boom real-time to assist operators to make the most effective and efficient use of their vehicle. Rather than monitoring feedback from the hoist, the LAS Dragline Monitor LT provides a button which the operator will tap to increment the bucket count. Tonnage is simulated based on the known capacity of the bucket. This information is used to monitor and track tonnage produced. Production reports are available for on-screen viewing and log files are easy to collect for reporting.



During setup the user will enter the distance from the tip of the boom to the location of the GPS antenna array. The software then generates a real-time representation of the vehicle's boom. If production lines - such as the "toe of pile" line pictured above - are entered into the system, the distance from the tip of the boom to the currently selected line is automatically calculated and displayed on the screen.

LAS Dragline Monitor LT Features:

- Monitors and reports accumulated tons processed (tonnage is averaged based on capacity)
- Displays current position on map along with the orientation of the boom and the boom's tip
- Displays production lines and the distance of the boom tip from the currently selected line
- Unlimited number of production lines (toe of pile and no-entry zones) can be established ranging from parallel lines to grid formations
- Operator login with time stamp and tons produced by each operator
- USB flash drive is provided to upload and download control and production information

Recommended PC Minimum Requirements:

Pentium 3, 1.5 GHz or higher with 1 GB of RAM
16 MB of Video RAM
4 GB of free hard drive space

Systems provided by LogicAll Solutions utilize the most rugged PCs (NEMA rated) and sub-meter accuracy GPS receivers from Trimble Navigation.

Using proven technology to get the job done right.