

Eason Solution:

The Model 1100s are interfaced with a host PC located in a control room 500 feet from the saws and drills. The interface uses RS-232 short-haul modems to extend the ports over this distance. In operation, the 1100 takes a batch of lengths from the host PC. These lengths are based on current orders. The 1100 sends the information to the saws and drills, which are moved the appropriate distances via the AMP motion controllers cutting the pieces. Some analog inputs are used for monitoring each process for quality control, and efficiency.

Eason Benefits:

By automating the process a dramatic improvement in quality control and efficiency was achieved. The amount of scrap material was greatly reduced.

Submitted by:

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