



# APPLICATION SOLUTION

## Title: Production Line Monitoring

### Product(s): LD4SS6P0, CUB5R

An outdoor shed manufacturer is presently using CUB5R000 to count product on their manufacturing lines. Each of the four lines makes a component of the shed, which are doors, sides, floors and roofs. Ideally, the lines would run in sync, however that is rarely the case. Installing a large display for each line will increase the visibility of the production counts. This allows management and more importantly, the workers to see the current piece count of their production line.

To accomplish this, the following steps were taken. Due to the CUB5's modular design, an RS232 communication card was easily added to the CUB5 on each product line. Directly wiring this output to a LD4SS6P0 (4-inch high red LED, Large Digit Serial Slave Display) provided a large view of that line's count. The displays were positioned, so the members of the other lines could see all the counts up to 180 feet away.

The CUB5 was programmed for the User Input to initiate a print request. By wiring the CUB5 User Input permanently low, it continued to initiate a print request, providing the LDS with the current count information. No programming in the LDS was needed.

The result was quite surprising. After the displays were installed, management noticed the lines were running much closer to sync. In addition, the placement of the display allowed the other lines to see each other's progress. This created a bit of competition between the lines. Overall, they received about a 10% increase in production across the board.

