

Using the Model 1000 for an Automated Flashlight Sub-Assembly Process

Eason Products Used:

Model 1000-M01-GE9

Complimentary Products:

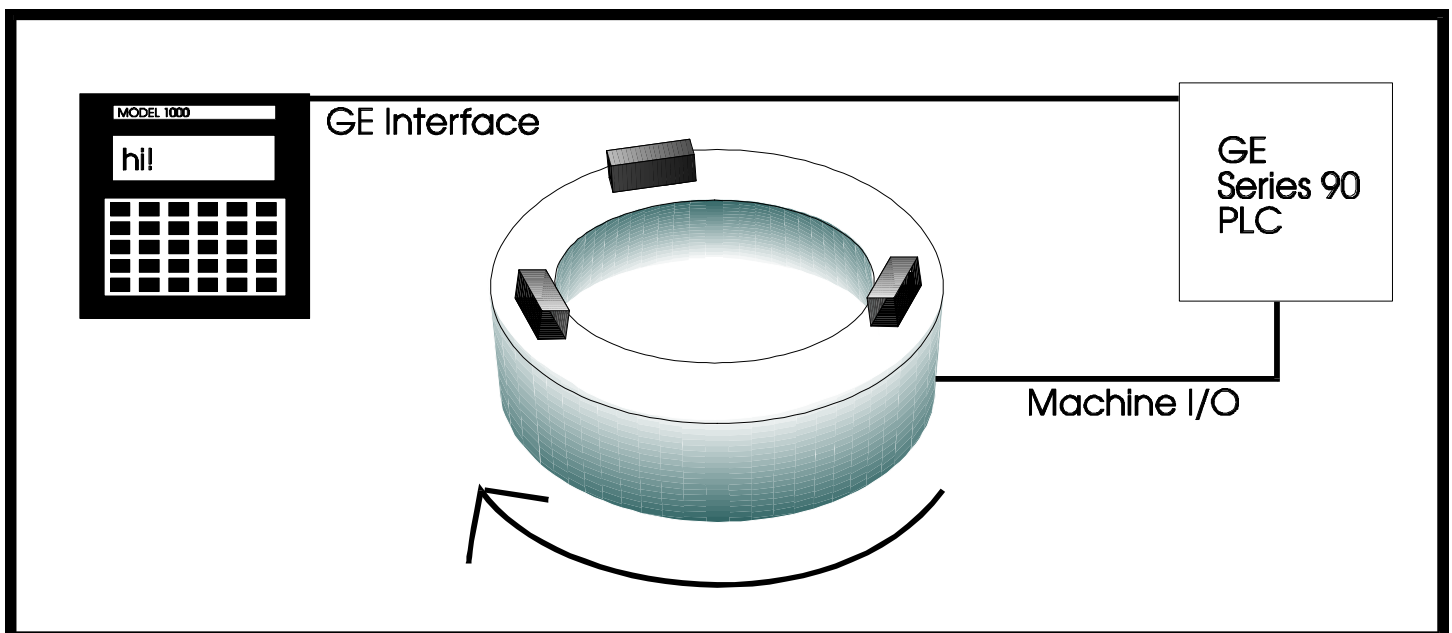
GE Series 90 PLC

Application Background:

The customer has not been able to find an operator interface that will communicate readily with the GE 90 Series PLC, while also giving him relatively fast on screen updates of the process.

Machine Objectives & Motion Requirements:

- To have an operator interface that can directly access the GE PLC's registers and I/O through the programming port.
- To be able to track the parts graphically as they move through the process.
- To have an easy means of programming the operator interface that does not require a dedicated software programmer.



Eason Solution:

The Model 1000-M01-GE9 is mounted on an arm above the machine and is directly connected to the programming port of the GE Series 90 PLC. The Model 1000 graphically tracks parts as they move around the rotary table to various stations. If a part is labeled as “bad” by the process, the Eason unit will tag the part and display to the operator where the part is in the process. The Eason unit is also responsible for tracking the number of parts run in a day and the ratio of good to bad parts. This information is collected at the end of the day by the operator.

Eason Benefits:

The customer appreciated DosBuild’s ease of programming. The direct connection to the GE Series 90 PLC was a must. It was the favorable price relative to functionality that closed the deal.

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