

## Application/Problem:

Client was using Siemens S5 PLC platform in their cold mill. Siemens has declared the S5 PLC platform a mature product. This made spare parts and technical support nearly impossible to locate. Client wanted to upgrade to a modern controller. The new controller needed to integrate with the other existing devices in the control scheme. This upgrade could not disturb the normal production schedules of the mill.

## Project Solution/Customer Benefit:

Flanders Electric utilized their vast experience with Siemens PLCs to convert Client's PLC program to a modern Siemens S7 PLC platform. Flanders Electric was able to reuse existing remote I/O to reduce the cost of the upgrades. The upgrades were completed during regular maintenance outages so that there was no impact to production.

Sample of Old S5 PLC Software



Sample of Converted S7 Software

