

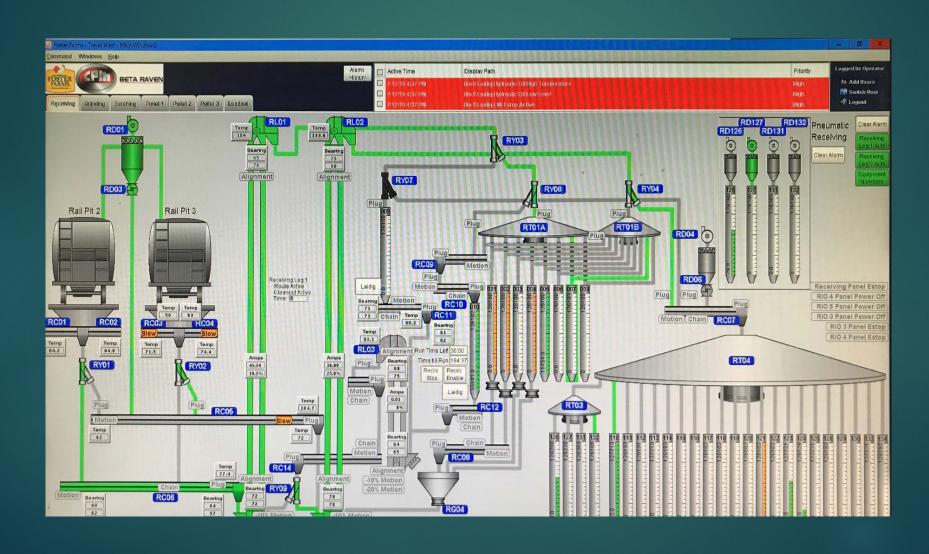
WRITTEN BY: CONNOR PARREIRA

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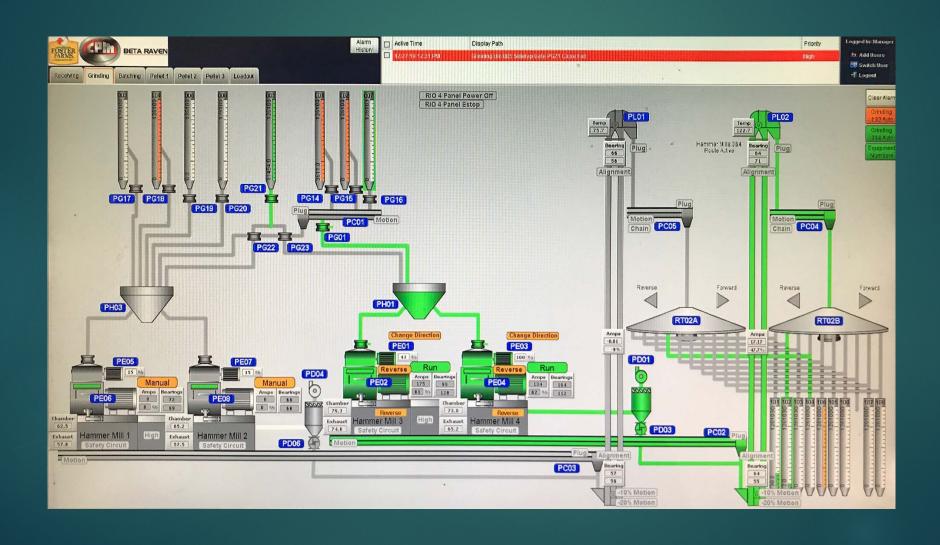
Process-Specific Tabs

- Allow operators to view the entire process, from receiving, to grinding and mixing, to batching, to pelleting, and finally to load out.
- ► The interface is designed in a user-friendly layout where each tab is associated with one step of the process.
- ► Each screen shows detailed diagrams of the production systems.

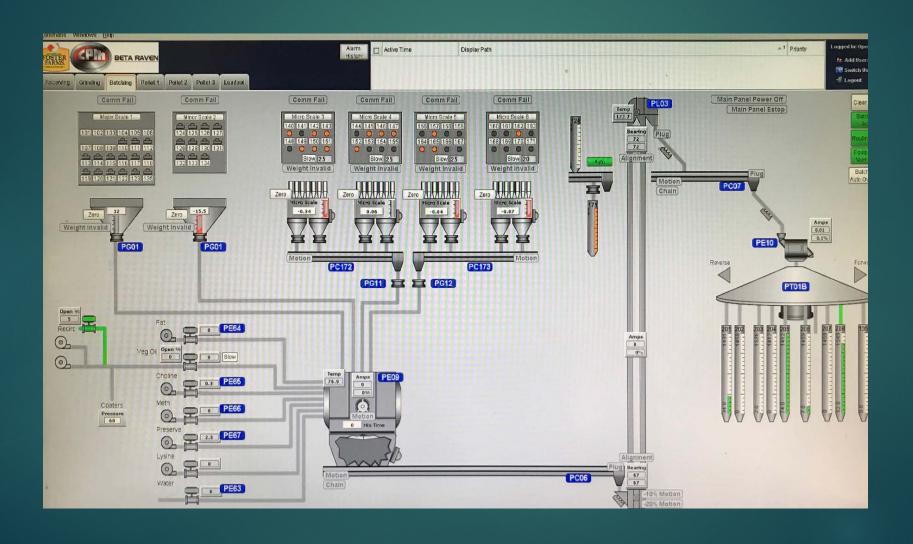
Receiving



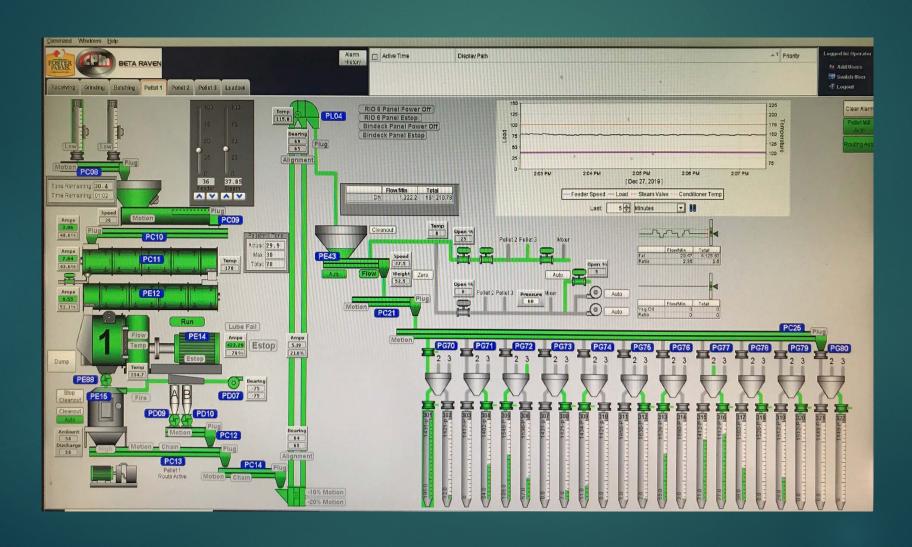
Grinding



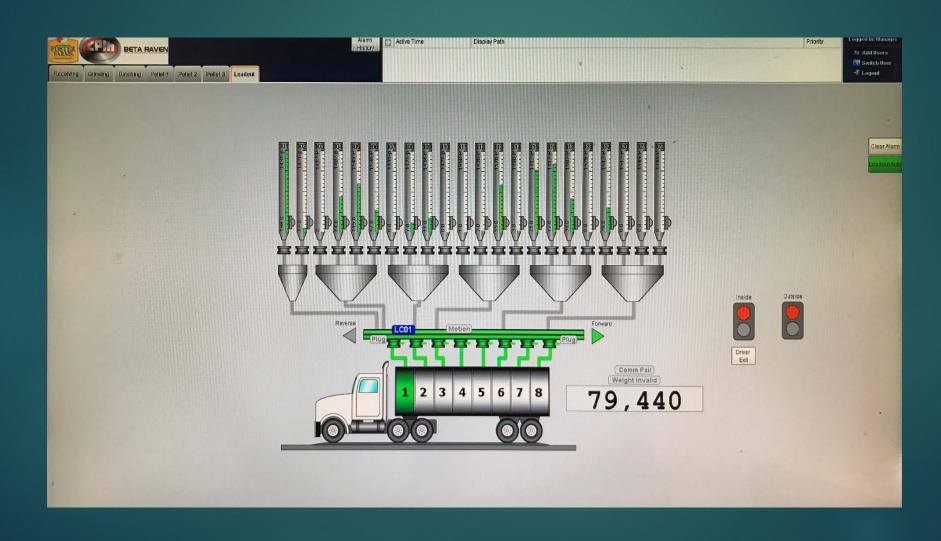
Batching



Pelleting



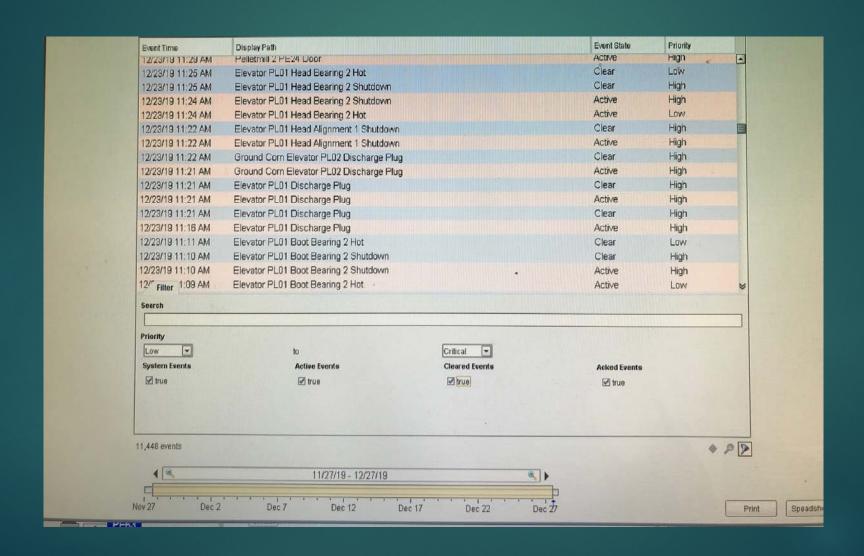
Loadout



Alarm Logs

- ► Allow management to prioritize alarms and generate reports that show alarms in order chronologically or by their level of importance (priority).
- Alarm logs can be printed and reviewed by management to ensure the maintenance team has attended to machinery needing inspection/maintenance.

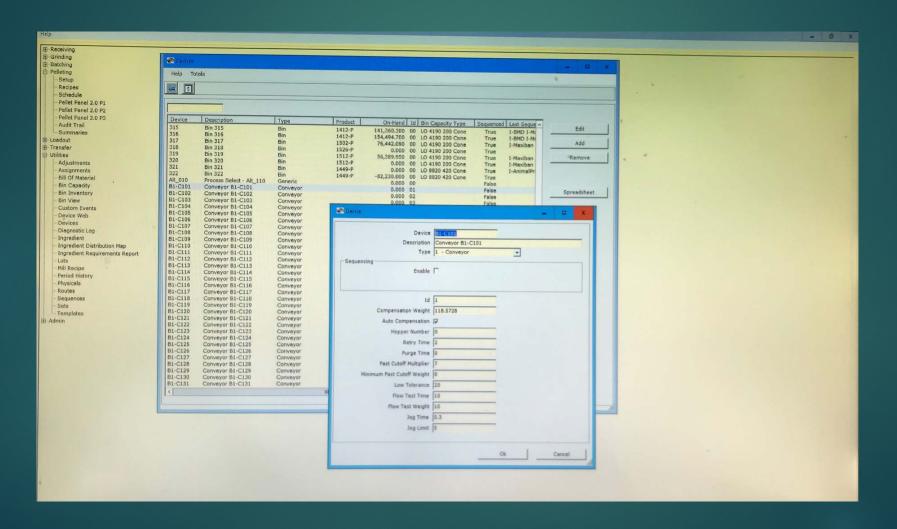
Alarm Logs



Alarm Logs

- Each piece of machinery in the system is linked to its own alarm which notifies the operator of any plugs, gates failing to open/close, motor overloads, belt alignment/motion, etc.
- Prior to Beta Raven, operators were not given specific alarms. Instead, they were given a general alarm for the production step and then went out and physically inspected the pieces of equipment until the issue was located.

Millmaster Software



Beta Raven's Millmaster Software makes it easy to upload formulas, adjust mix times and other "rules" (i.e. flushing and sequencing), and generate reports (i.e. ingredient usage, batch summaries, etc.)