

Reduce Your Muda

(<http://jisho.org/search/muda>)

Manufacturing Wastes

Planning and Scheduling Software can help your company meet your Lean initiatives by using various features or a combination of features to reduce waste.

Let software do the hard work... take the headaches out of creating Lean schedules and elevate your company to world-class status!

Transport:

Same Cell scheduling keeps work flowing between resources that are close to each other when given the choice.

Analytics can show where motion between resources, help with Value Stream Mapping and thus driving layout improvements.

Minimize inter-plant transportation when options exist to source more operations from a single plant.

Inventory:

Make or buy Inventory exactly when it's needed. Improve visibility and coordination between vertically integrated plants to facilitate more just-in-time production.

Motion:

Providing constraint-based schedules that can be followed saves supervisors and operators from spending time and energy finding out what to work on next and whether materials are available.

Save time for planners and expeditors walking the shop floor to determine where work is and when it will be completed.

If schedules are precise and stable then material can be moved to the precise location of use thus avoiding walking to the materials or moving them.

Waiting:

Automatic selection of the fastest resources or alternate routings leads to faster completion.

Reduction in long setup times can lead to higher throughput and less waiting.

Over-production:

Systematizing scheduling makes it easier to manage smaller production batches. Avoid producing early (common if left to shop floor); if order is cancelled after produced then stuck with inventory.

More agile scheduling allows make to order; By avoiding make to stock you're only making what customers ask for not what you think they will ask for.

Over Processing:

More easily schedule on alternate processes that are lower cost.

Schedule to the people who are most highly trained on doing the correct level of processing needed.

Defects:

Schedule work to the best people and machines for the job thus reducing mistakes and increasing quality.