

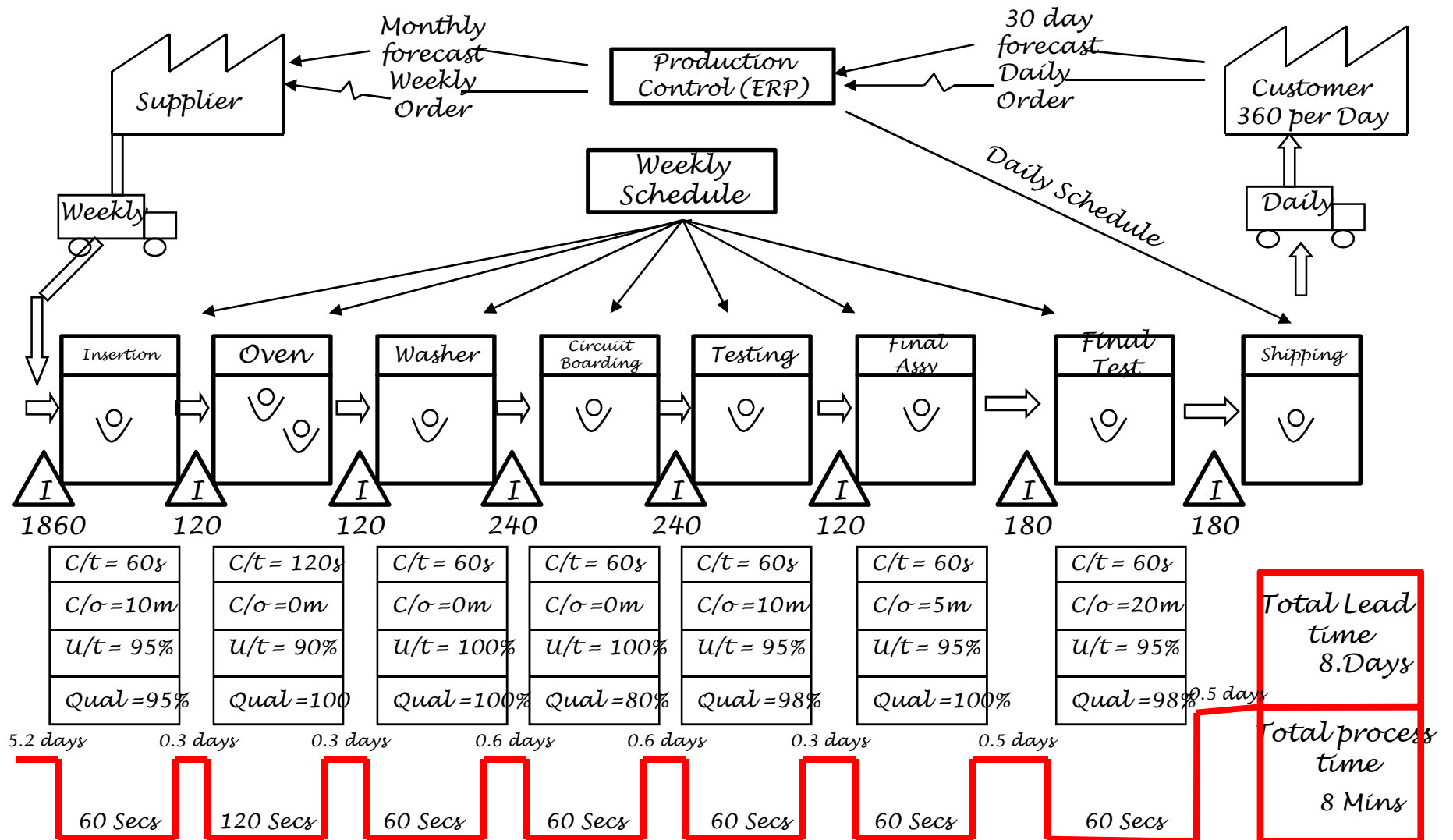
Creating a future state Value Stream Map

How do you create a future state value stream map?

Purpose of Value stream Mapping?

- Tell us where we are?
- Drive Improvement
 - Help us define an Ideal state
 - Provide a plan to move forward

Current State Value Stream Map



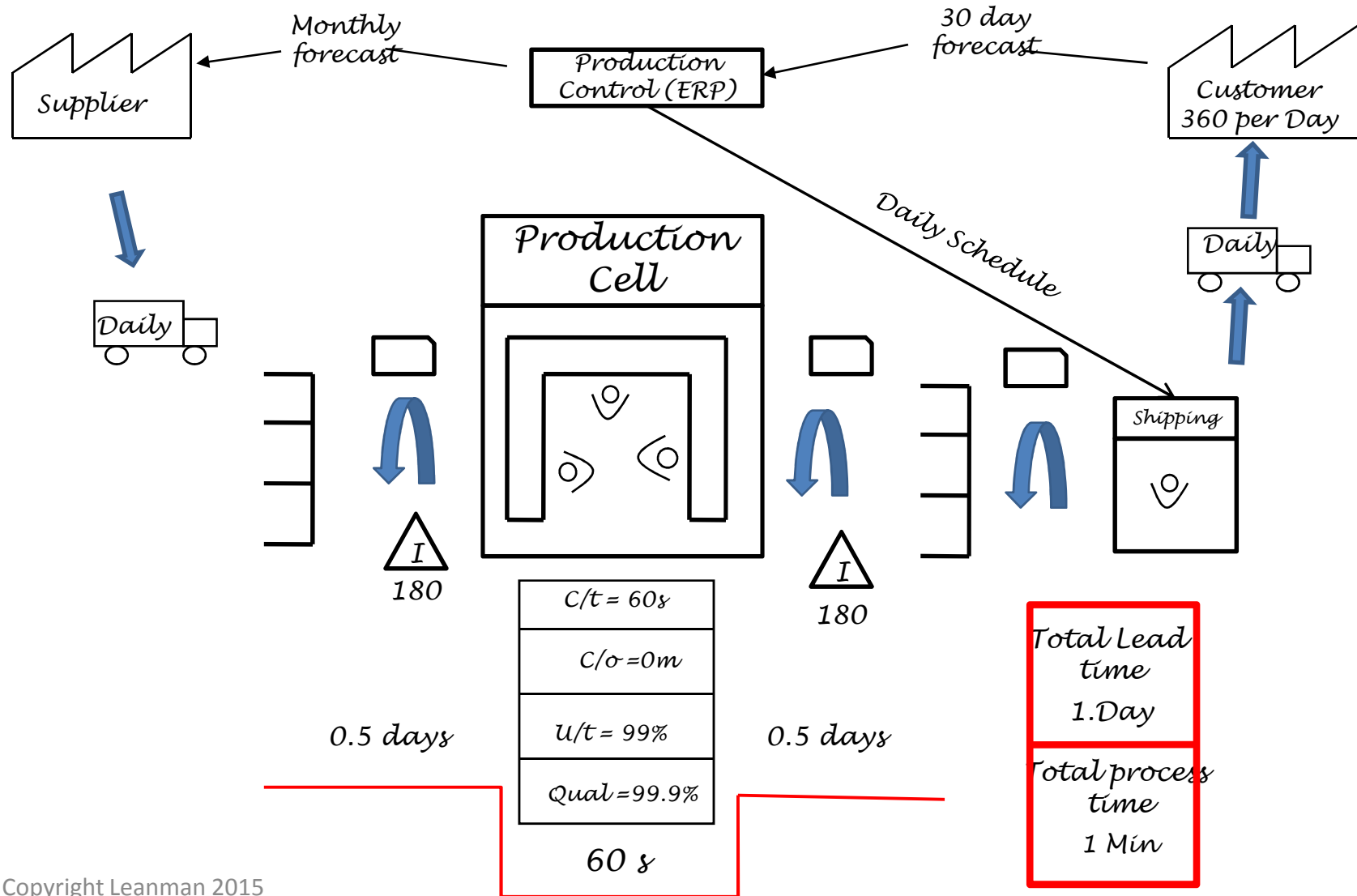
Why do we need an ideal state map?

- A shared vision that everyone can agree to.
- A target to aim for
- An objective
- Gets everyone working together towards a common aim

Developing an Ideal state map

- What would the ideal state be?
- Be radical
- Challenge what is possible
- Consider the lean principles;
 - Value according to the customer
 - Identify the value stream
 - Make the value flow
 - Pull of the customer
 - Strive for perfection

Ideal State Map



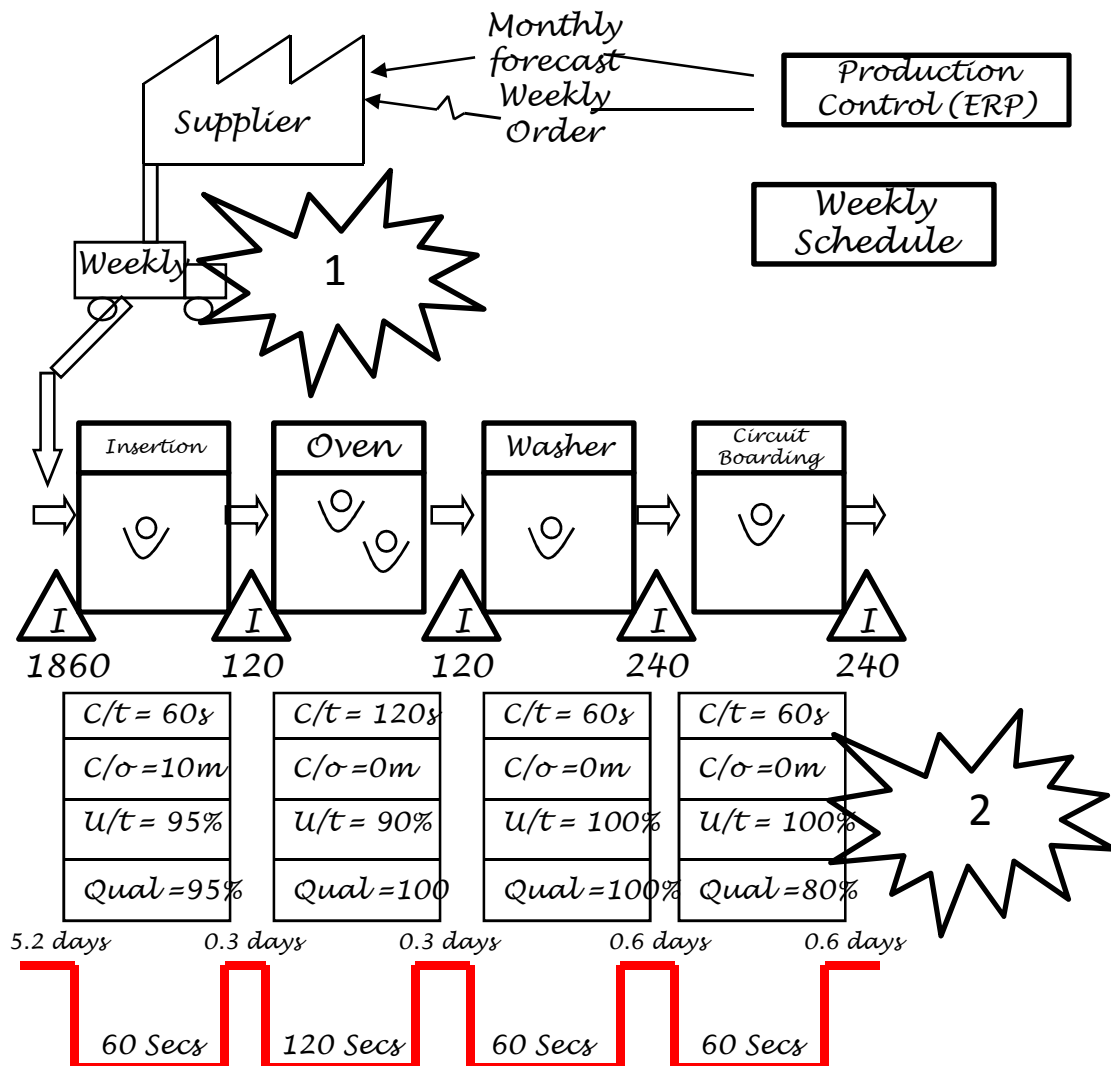
Reaching our ideal state

- Need a plan or series of plans to reach our ideal state
- Define a future state; use kaizen bursts to define the project
 - 2-3 month duration projects maximum

Future state Value Stream Maps

- May need several future state maps to move from current to the ideal
- Typical improvements;
 - Reduce Cycle Time
 - Reduce setups / reduce batches
 - Improve quality performance
 - Change delivery schedules
 - Implement kanban

Future State VSM



Kaizen Bursts;

1. Get supplier to make Daily deliveries
2. Improve Quality Performance from 80% to 95%+

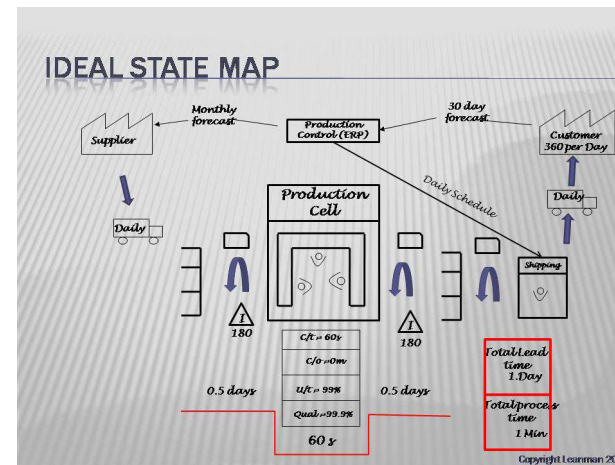
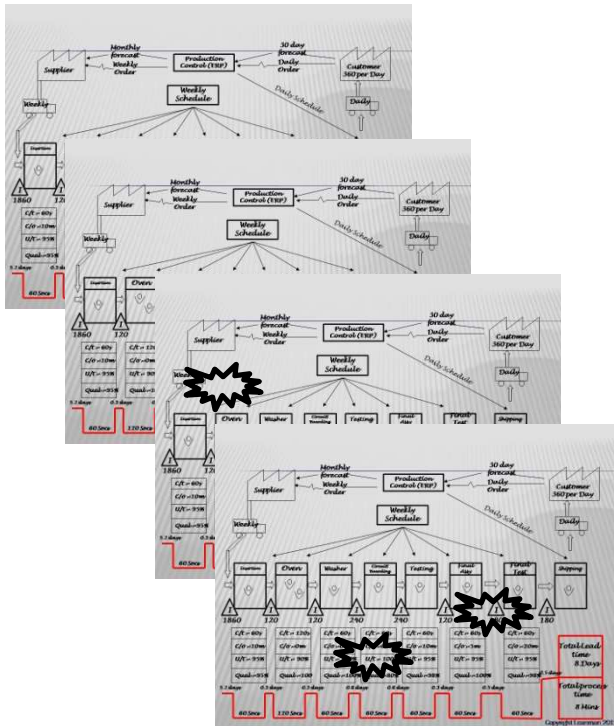
Use Kaizen Bursts to make improvements to process and define the next future state map.

Moving towards our Ideal state map

- As we complete our projects our future state map becomes our new current state
- Review the data boxes and inventory at the end of each iteration
 - Reduction in Inventory and other improvements will highlight more problems such as;
 - Machine reliability
 - Rework loops

Moving from Current State to Ideal State VSM

Through a series of future state maps utilizing Kaizen Bursts we move from Current state to our ideal state map.



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