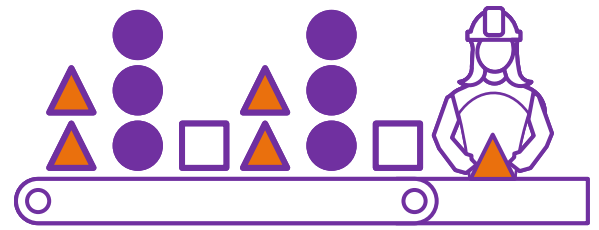


eVSM Mix Manufacturing VSM Application



Mix Manufacturing VSM is part of the **eVSM Mix** edition and provides the tools needed to value stream map and improve MIXED MODEL production environments for discrete parts and assemblies.



Easy

Applications built on the MIX engine remove the 'averaging' of products, demand, cycle times, and routing that make many mixed model maps difficult to create and of limited value. The benefits of the MIX engine can be summarized as:

Speed

- Less work to create the VSM and update it
- Avoid creating separate VSM's for products

Comprehension

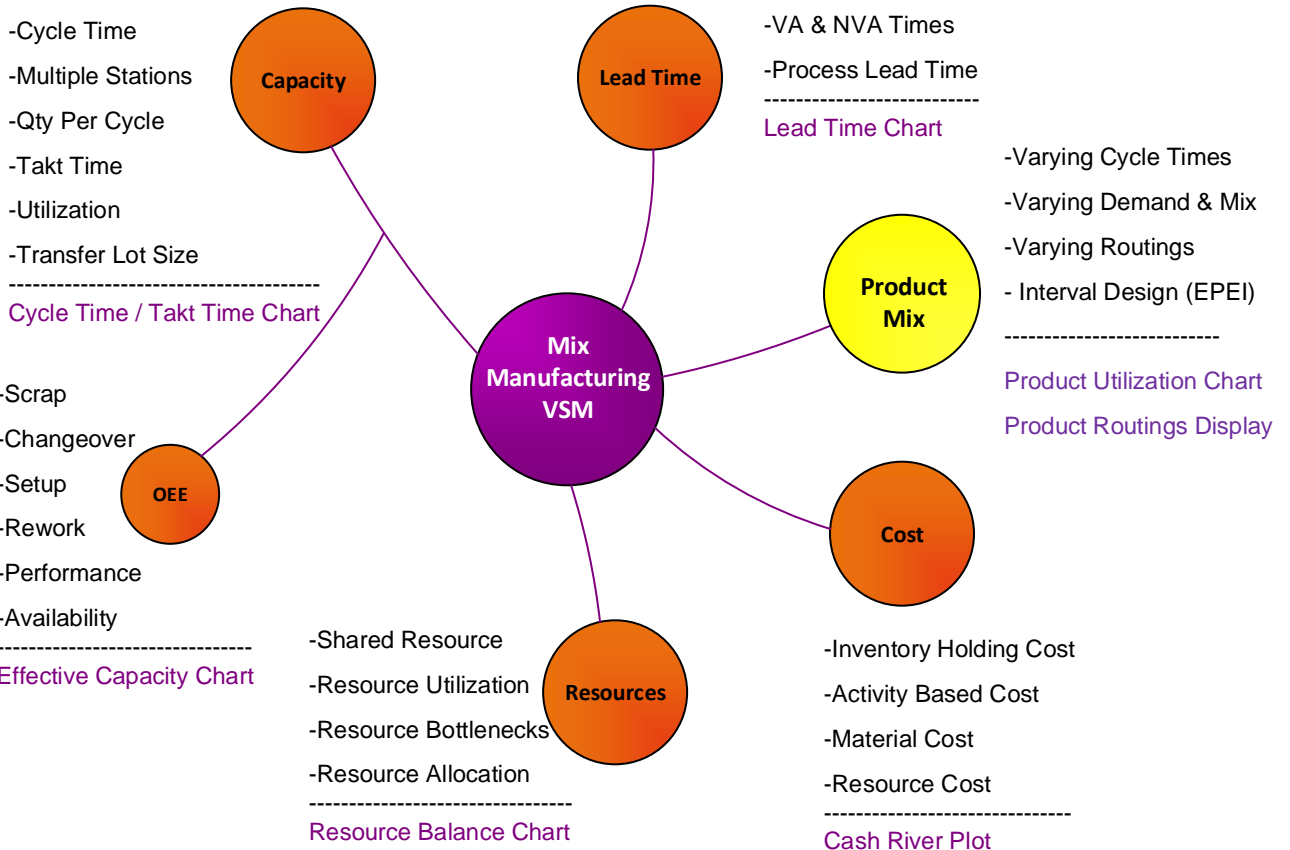
- Make it easy to SEE how products are made
- SEE the individual product demands and cycle times

Insight

- Visualize the key metrics
- Choose the best improvements

Fast

The technical concepts addressed are shown below:



Focused



eVSM Mix Manufacturing VSM Application Example Map

OEE Measures

Activities comprehend OEE, downtime, scrap, etc

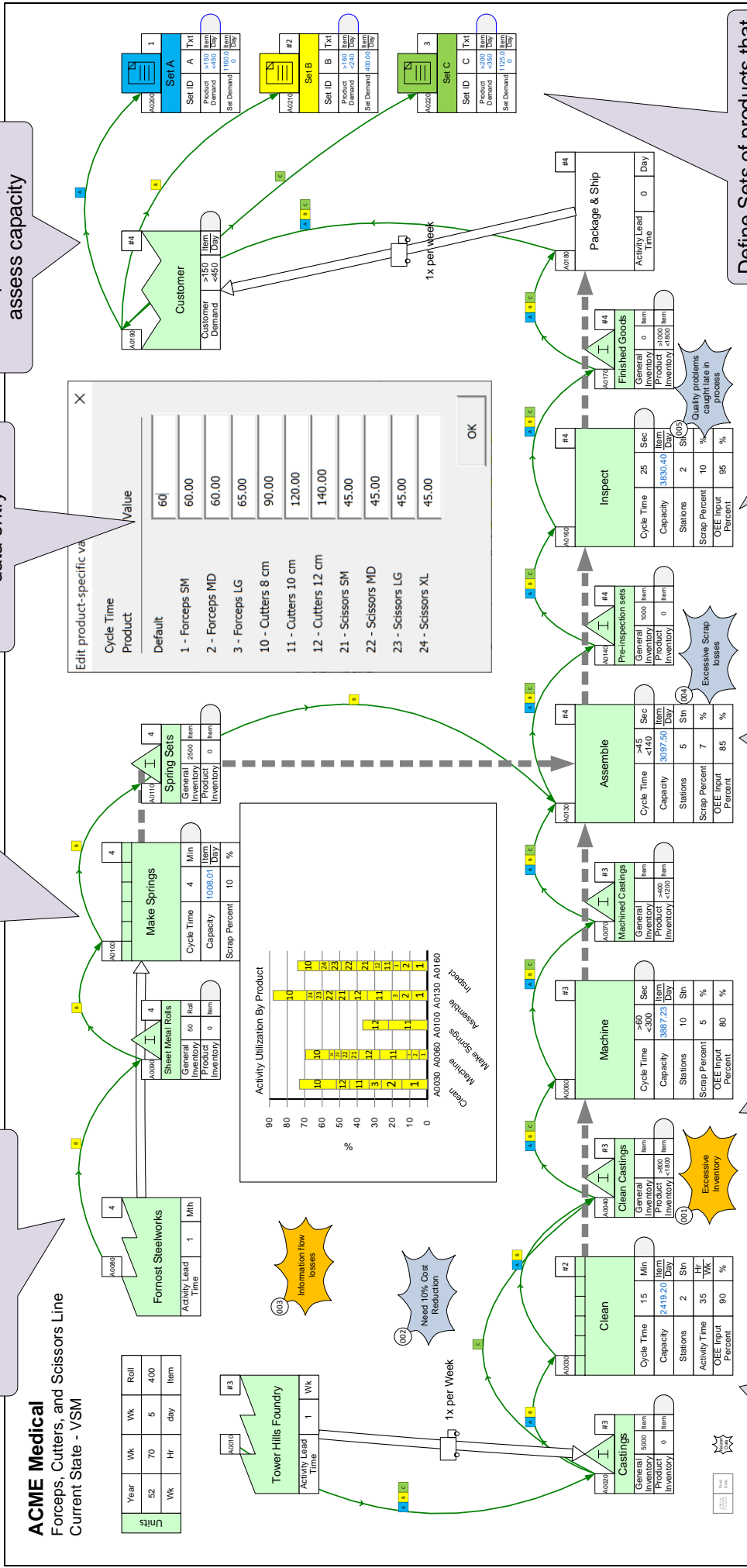
Multi-Lane Maps

Filter charts and summaries by path numbers to handle multi-lane maps

Product values

Input fields that allow separate values by product have 'tabs' for data entry

Demand by Product
Change overall demand and product mix to assess capacity



The map can also be used easily for single product value streams

Dedicated Value Streams

Use variables and calculations that have been standardized over the last decade

Standardized Variables & Calculations

Automatically plot Utilization charts that show asset usage by product

Product Based Charts

Color code arrows and activities to show product routings by set

Routings by Product Sets

Define Sets of products that have common routings but whose process parameters can vary

Product Sets