

Quick MCT Stencil



Quick MCT is one of eVSM's **Quick Stencils** and supports the MCT mapping and calculation within the QRM (Quick Response Manufacturing) methodology. Its applicable to manufacturing, services and healthcare processes from detailed to enterprise levels. It provides *easy*, *fast*, and *focused* mapping as shown below:

Easy

Quick MCT has a small set of drag & drop shapes and a set of units converters that allows data to be input in production, office or calendar units and then converts values to calendar units for consistent output. It has been designed to complement the MCT Quick Reference Guide by Rajan Suri.

The multiple paths associated with MCT maps are visually handled via a set of sequence arrows (see next page). The "critical path" provides the MCT number and this is seen visually with its gray and white space components on the MCT chart.

The visual approach to creating and editing the map and the automated MCT chart is considerably easier than past approach's based on spreadsheets alone and is a better communication tool overall

Fast

4x mapping speed and quantified improvements with a well designed set of icons, variables, macro shapes, equations, and charts.



Standard Variables



Design Macro Shapes



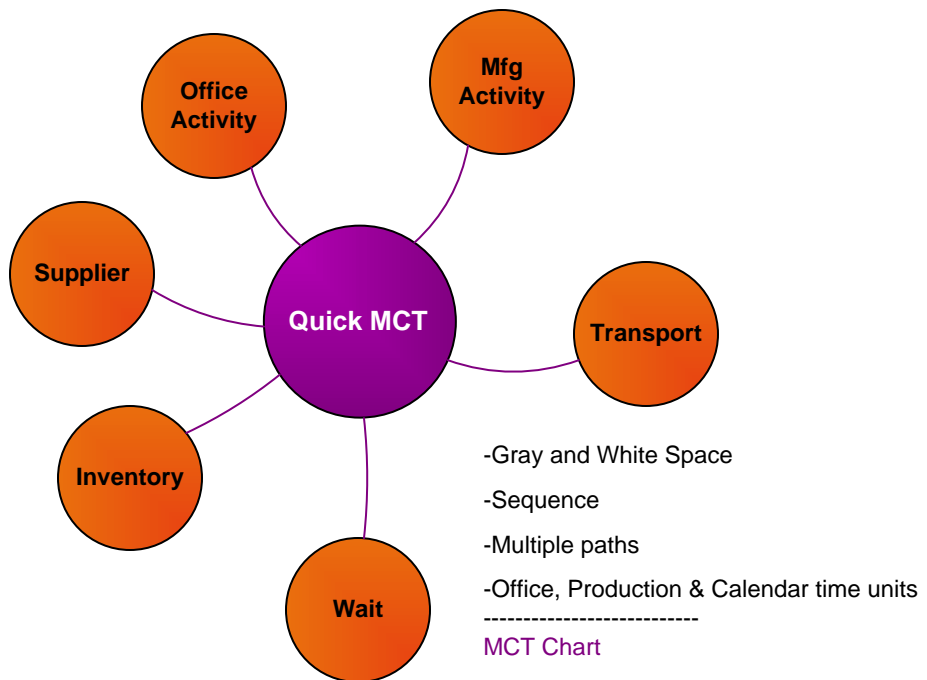
Built-in Equations



Built-in Charts

Focused

The shapes and concepts addressed by the Quick MCT stencil are shown below.



An example map drawn in Quick MCT is shown overleaf.

Wall Map Capture

Capture wall maps easily and quickly using the Sketcher components

Kaizen

Kaizen bursts can be applied, detailed and prioritized towards a future state value stream

Multi-Lane Maps

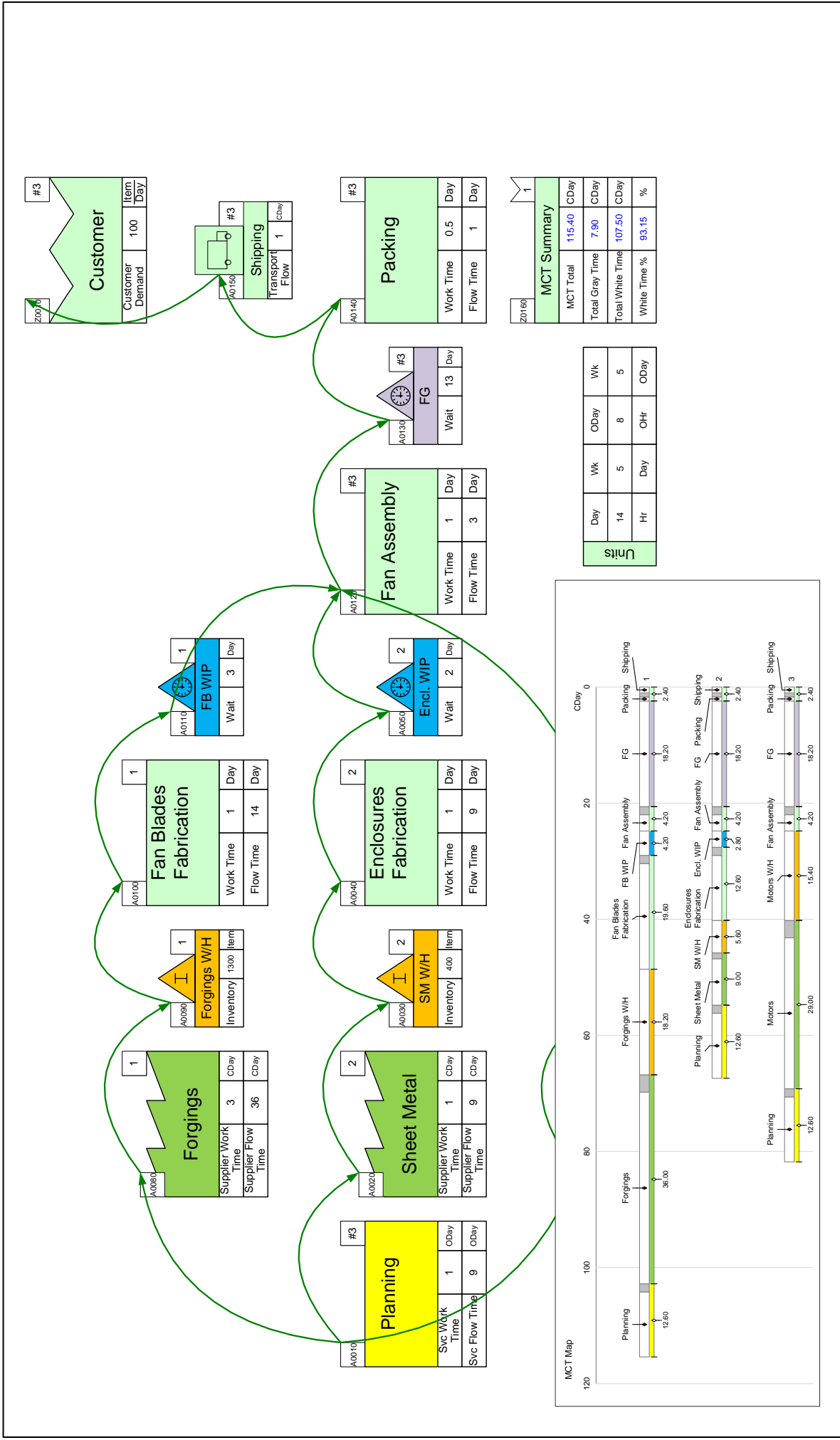
Filter charts and summaries by path numbers to handle multi-lane maps

Demand by Customer

Record demand for one or more customers

MCT Metrics

MCT Total & Components



MCT Chart

Automatically plot MCT charts showing selected or all paths

Time Units

Allows time input in office, production or calendar units

MCT Components

Color codes MCT components by Origin shape on map

Quick MCT Example Map with Features