

This is a quick overview of creating a current state value stream map.

It is designed to prepare you for what will be coming in your kaizen blitz event.



You will need to create your future state map, if that is not yet done.

Don't Get Carried Away

"Any intelligent fool can make things bigger and more complex...

...It takes a touch of genius, and a lot of courage to move in the opposite direction."

- Albert Einstein



Lean is systematic and creating a value stream map is also systematic.

There are 21 steps.



The first eight steps of creating a future state involve filling out that value stream definition form we used for defining the current state.



Is the name still the same for the future state?



Do you need different team members for future state?



Are they still the same?

You may have a better feel for the connections with other value streams. No gaps allowed!

But also, watch out for scope creep.



Who are the key people for this value stream.

This is probably not the same list of people who are on the project team.



You probably found a few more customers when you created the current state. Maybe you found reports going out that should be eliminated; you need fewer customers!

Will the volume be changing?

Many projects have involved preparing a value stream for a new level of business.

Volvo Power Transmission = ramping up the number of engines per day by 33%.



For the future state, you need to meet and talk with your customers.

It was OK to speculate for the current state, buy you must do better for the future state.



You probably found a few more suppliers when you created the current state







Why do you want approval at this point?



Get educated on best practices.

What should the future state look like? You cannot just assume that the people on your team know what needs to be done.



Beyond best practices that many are already doing, you also want to look at emerging trends; it's about emerging trend for the value stream you are about to improve.

There may be new techniques, new materials, new technology and all sorts of trends available that can help you improve your process.



Gather your list of best practices, emerging trends, and other ideas.

Look at what is working for others.

Get ideas and suggestions from the stakeholders.

If you find a better way that is new to the world, then go ahead and create a best practice or an emerging trend.

Take the long list and select which ones you want to include. You can't do everything.

What is reasonable in term of cost and amount of change?





You might want to add a few more symbols.

Replace inventory with supermarket.



Some like to start at customers and work back to suppliers.

This is not always the best and sometimes it's easier to start at suppliers.

Similar to current state mapping, you want to get at the big activities.



Decide what information you want to put on your future state.

You will be creating the future, so think about what data will be important.



Software is often a big item in terms of what you want to do in the future state. It's often not about new software; it's about getting trained on using the stuff you already have.

17 Define Your Future Data			
Activity 1	Activity 2	Activity 3	Activity 4
Super	rmarket Super	market Supe	ermarket
Data 1:	Data 1:	vata 1:	Pata 1:
Data 2:	Data 2:	Data 2:	Data 2:
Data 3:	Data 3:	Data 3:	Data 3:
Data 4: Data 5:	Data 4: Data 5:	Data 4: Data 5:	Data 4: Data 5:
Data 5: Data 6:	Data 6:	Data 6:	Data 6
Data 7:	Data 7:	Data 7:	Data
It's no longer about what it is today!			

Put your data on the map.

Many times, those uncontrolled piles of inventory will be changed to supermarkets or kanbans that are more controlled.





20. Validate Your Map IS this what we want to create?







What are the gaps you need to close.

The current state is generally low performance and you are going to a high performance value steam with much less waste.





Quickly summarize, don't waste time.

The bold red items are the significant differences between current and future state mapping.

The next three slides are just something to use as a checklist.



Gain approval to proceed.

The bold red items are the significant differences between current and future state mapping.

Investigate and choose what improvements you want to do.

Start mapping.



Finish mapping.

The bold red items are the significant differences between current and future state mapping.

Compare with current state and create gap analysis.

Gain approval.