Visual Management

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*Contents included in the presentation are informed by our study of the Toyota Production System

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Workshop Definition

- How do you solve a problem if you can't see it?
- How do you build a culture where people doing the work feel safe surfacing problems and tap into their creativity in coming up with solution?

Visual Management is a foundational Lean concept focused on making goals and actual results visible so that they can be solved.



Visual Management: Agenda

- Why is it important?
- What is it?
- How do I apply it?



What is actually happening VS What should be happening





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Visual Controls in Everyday Life

Simple



Actionable



Intuitive



In the right place



You have to see it to improve it!

- Simple & Intuitive
- Easy to understand
- Visibility to problems





Visual Control: Let the Pictures Do the Talking





Visual Controls: Simple and Intuitive





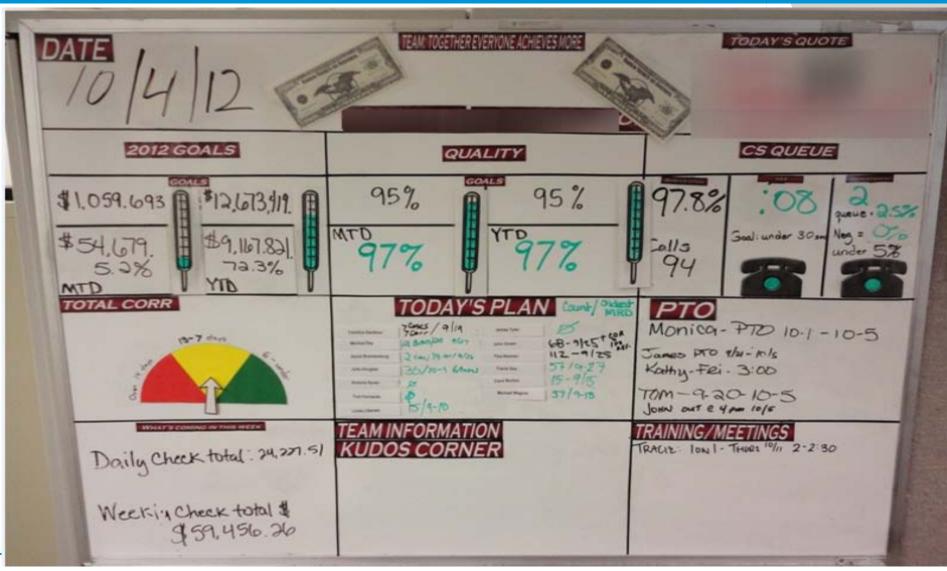
Visual Controls: What is Happening?

4PO Availability Indicators: = Please do not disturb =I'm available = If it can wait, Please wait





Visual Controls: What should be happening





Visual Control Board: Status at a Glance





- Alert to problems
- A call for help
- Stop the line
- A plan for action



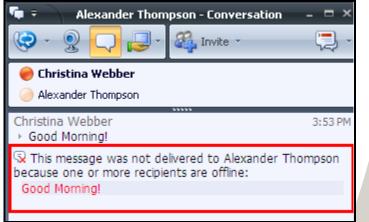
Andons Alert Everyone to Problems





You should change your battery or switch to outlet power immediately to keep from losing your work.

our mailbox is almost f	
Microsoft Outlook	un.
This message was sent with High in	mportance.
ent: Sun 10/14/2012 1:00 AM	
o: 🔎 Christina Webber	
 Christina Webber Your mailbox is almost 237MB 	full. 250MB





Andon: A Call for Response and a Plan for Action







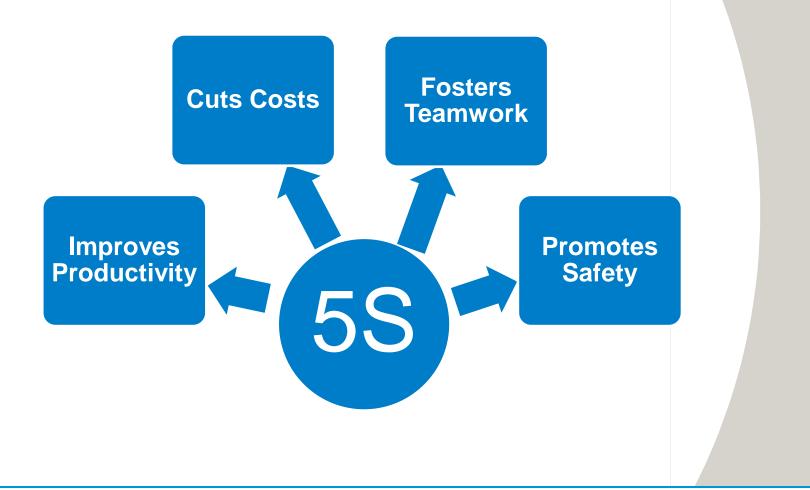


5S: A Series of Steps to Eliminate Waste

- Sort
- Simplify
- Sweep
- Standardize
- Self-Discipline









5S - Sort: Separate Necessary from Unnecessary

BEFORE

AFTER







5S - Simplify: A Place for Everything

BEFORE





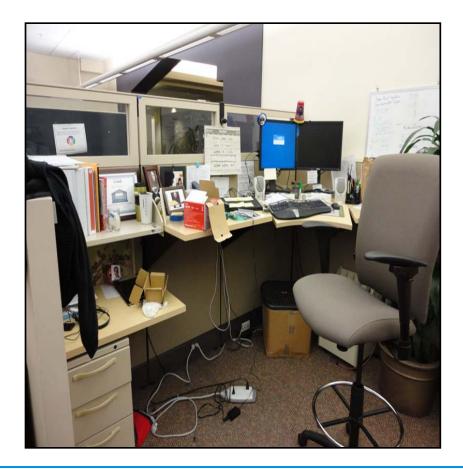




5S - Sweep: Make it Clean and Safe

BEFORE

AFTER



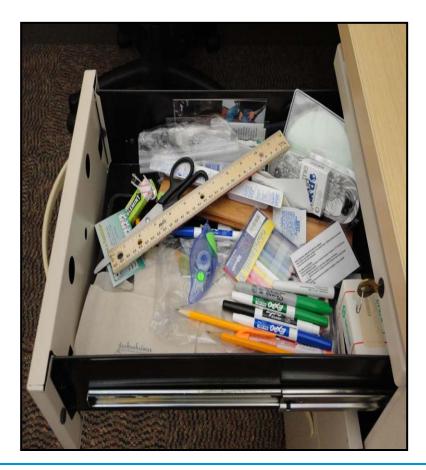




5S - Standardize: Make it Easy to Maintain

BEFORE









5S - Self-Discipline: Maintain and Improve

BEFORE

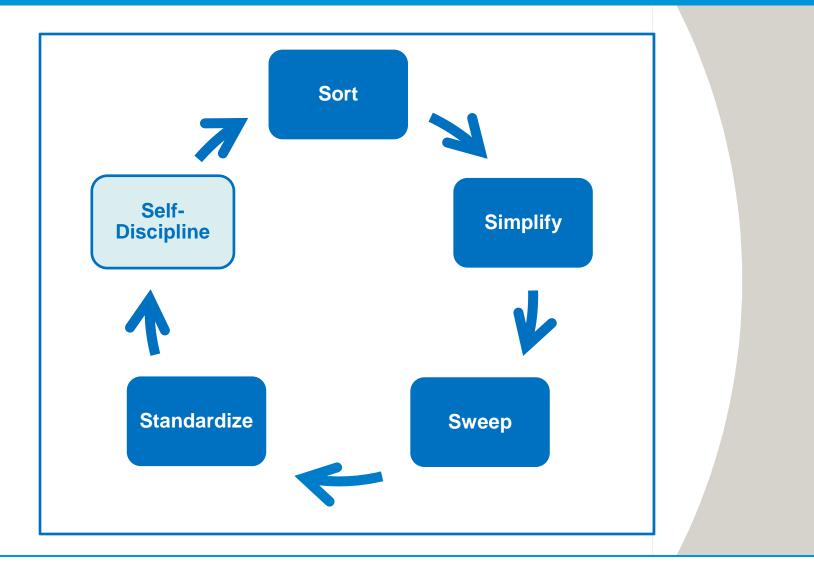
AFTER







5S: Foundational to Continuous Improvement





Visual Controls Lead to Visual Management!

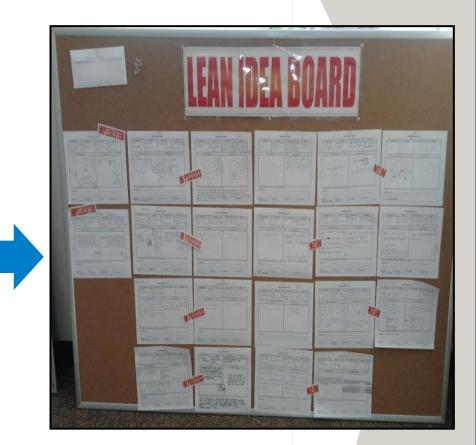
- Make it Visible
- Actual vs Expected
- Take Action





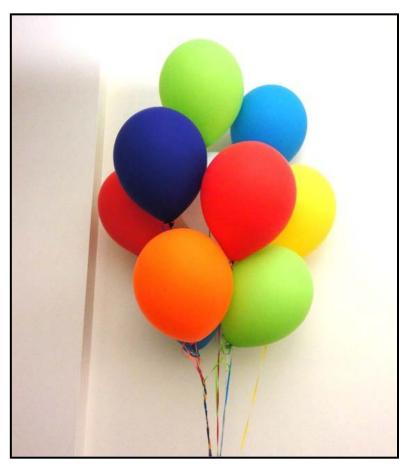
Visual Management: Seeing Leads to Solving







Celebrate Problems as Opportunities!



Recognize associates who make problems visible!



Questions



