

EDUCATIONAL SEMINAR Developing a Problem Solving Culture

Practical perspectives on how individuals at all levels can solve problems.

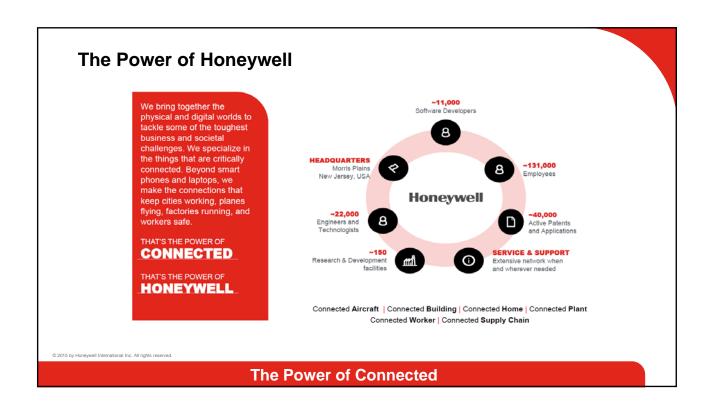
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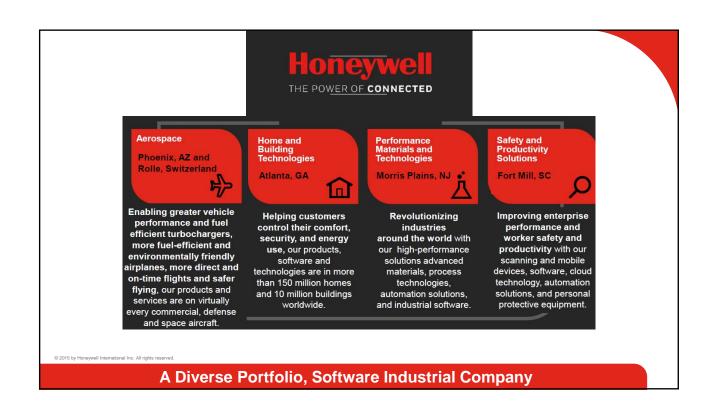
Leigh Erickson, Site Leader/ISC Director Plymouth

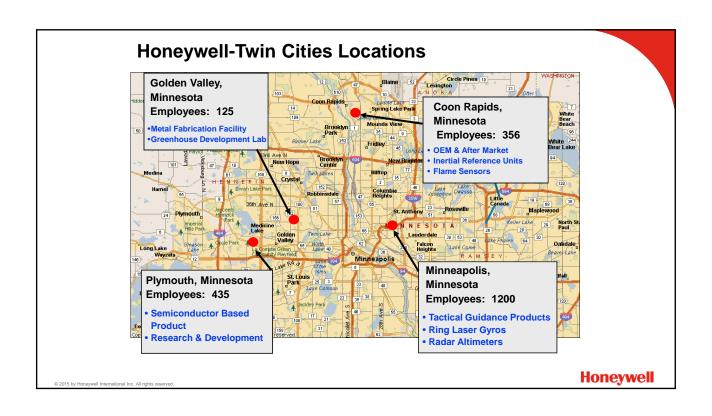


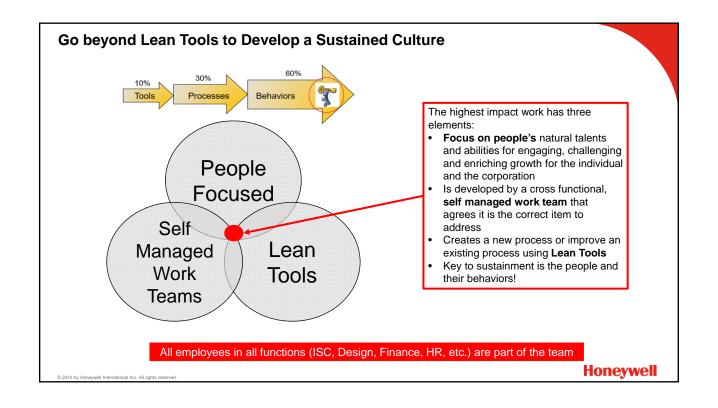
Agenda

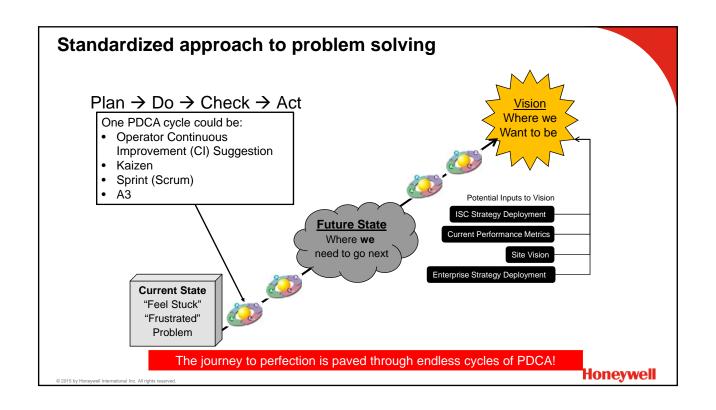
- About Honeywell
- · Vision and the relation to Problem Solving
- Example Between Cell Escape Alerts (BCEAs)
- Ties to Visual Controls, Tiered Accountability and Recognition Processes
- References for Further Learning

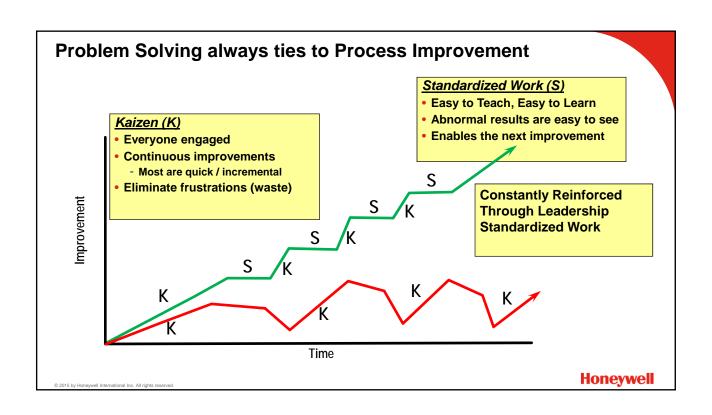












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Aerospace-Minneapolis Site Vision

To continuously improve performance ensuring we thrive long term as the:

- · Employer of choice for our employees
- · Supplier of choice for our customers
- · Customer of choice for our suppliers
- · Location of choice for our corporation

Accomplished through:

Empowered, self managed work teams that drive personal ownership & accountability to achieve:

- · Zero injury culture
- · Zero defect culture
- 100% on time delivery to commitments
- · Industry leading value proposition



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'Why does that cell keep giving me bad parts?'

Frustration (Problem that needs solving)

Could also be:

- Why can't I get the right demand information?
 - Why can't the supplier to ship on time?
- Why can't senior leaders recognize us more?

Start where the issue is occurring

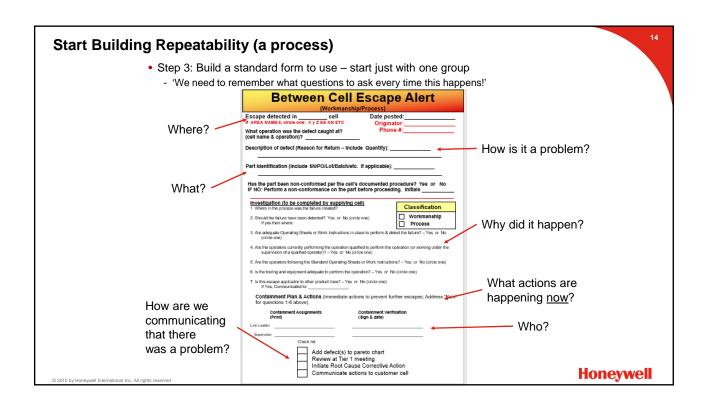
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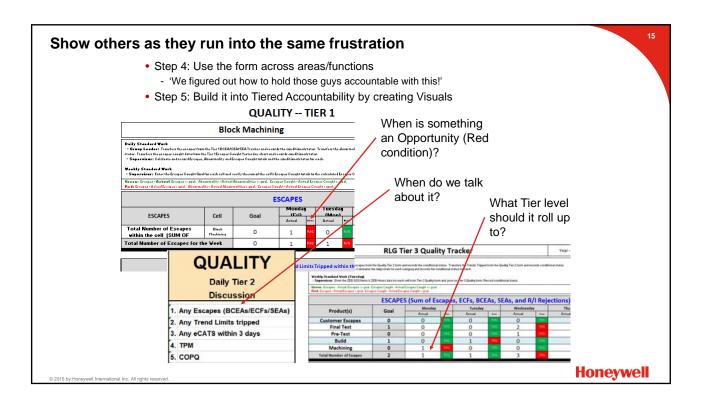
The energy to solve the problem and change the process is highest in the <u>areas that are feeling the worst effects</u>.

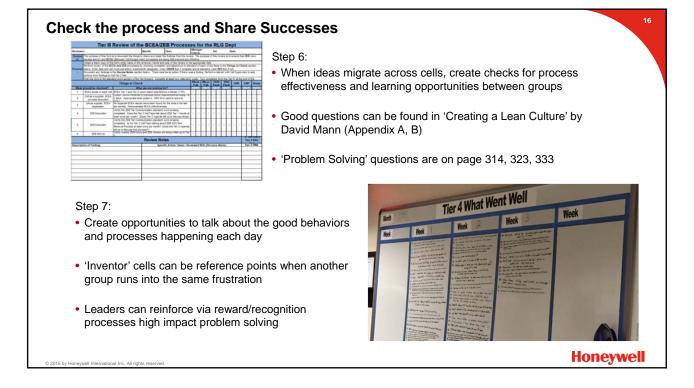
People who are 'repeatedly frustrated' see the value in doing something different.

- Step 1: Gather the group together (receiving and supplying cell) create a list of things to know
 - Part numbers, quantity
 - What happened
 - What 'bad' means
 - Who is going to do what to investigate
- · Step 2: Recognize that it repeats
 - 'This has happened before', 'there's lots of times we have to stop because it doesn't work right'

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Building Problem Solving takes the whole team!

- Start with frustrations
- · Let the team develop a Process
- · Make the Process Standard
- Use the Process across multiple areas with the same frustration
- · Build it into Tiered Accountability
- · Check the Process to make sure it's working as intended
- Recognize/Reward the team as they solve their frustrations

Repeat!

We often as ourselves 'the three questions':

- 1. Is there a process?
- 2. Is the process effective?
- 3. Is it improving?

Once it becomes commonplace to solve current (reactive) frustrations, the next step is FUTURE (proactive) frustrations, like:

- 'I know we're going to miss X delivery to X customer in a month'
- · 'We're going to run out of material next week'
- 'I couldn't add another check in my day'





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Next Step Suggestions – Wherever You Are in Your Journey

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Try Something Today!



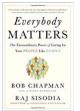


- Creating a Lean Culture (David Mann), 3rd ed., 2014
 - How to implement Lean Tools across operations and office areas
 - Filled with examples Problem Solving questions on pg. 314
 - Reads differently every time (context changes as you learn)

Self Managed Work Teams

- Turn the Ship Around (L. David Marquet), 2013

 - Leaders give control to the team and support improvement



People Focus

- Everybody Matters (Bob Chapman and Raj Sisodia), 2015
 - Every person in your organization has skills and abilities that can be utilized for individual and organizational success
 - Solving frustrations leads to growth and improvement!

Problem Solving/Continuous Improvement Systemic Approach

- Toyota Kata (Mike Rother), 2010
 - Continuous Improvement and problem solving are a part of every day
 - Teaching improvement (problem solving) processes needs to happen for every employee in the organization





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Thank you for joining us!