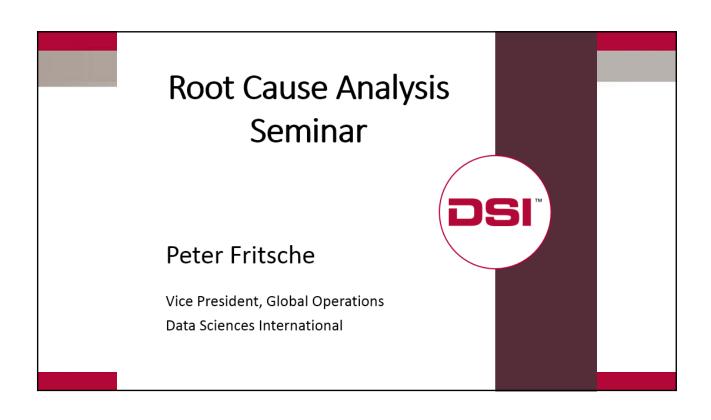


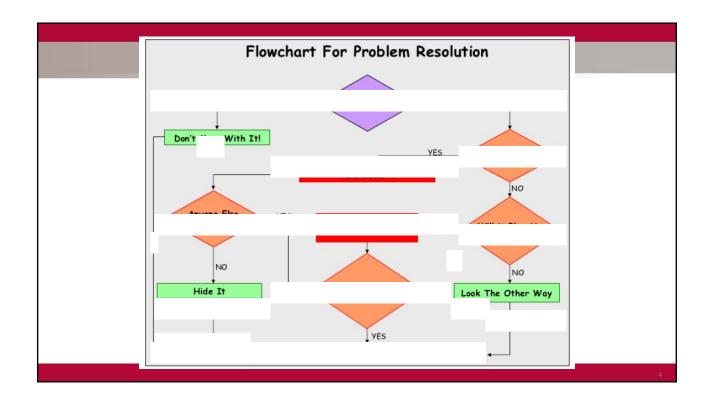
# Manufacturers Alliance Seminar Getting to the True Root Cause

Practical experiences from practitioners on how to prevent the quick fix and get to the real fix.

## DSI, Inc.

Peter Fritsche, VP of Operations





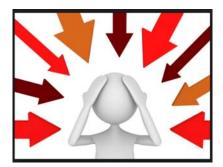
# Most Companies' Problem Solving Results

### Where most investigations end

- Operator error
- Procedure

Act: 15 this?

- ployee
- Laate procedure



### Typical results

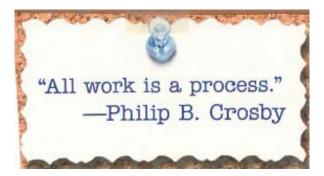
- Not fully understand the problem or the causes
- Not implementing "right" solutions
- Same (or similar) problem repeats itself...

Imagine a Tool that can Create this

Reality

Problems
Analysis (RCA)

### What is RCA?



### RCA is a Process

Process for identifying the causes of a problem

- Eliminate causes to prevent recurrence
- Apply learnings to all similar situations

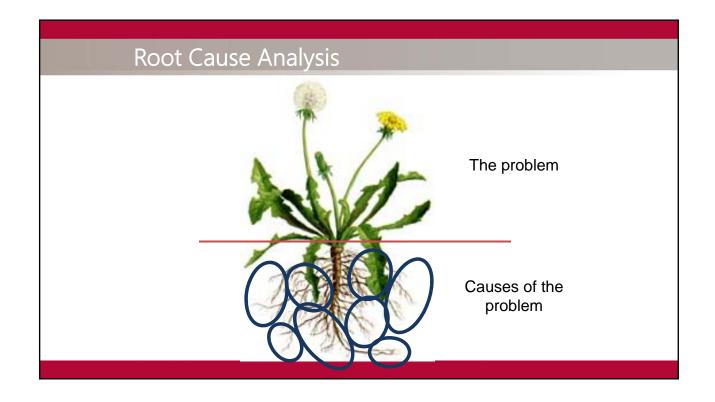


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If you can't describe what you are doing as a process, you don't know what you're doing.

— W. Edwards Deming —



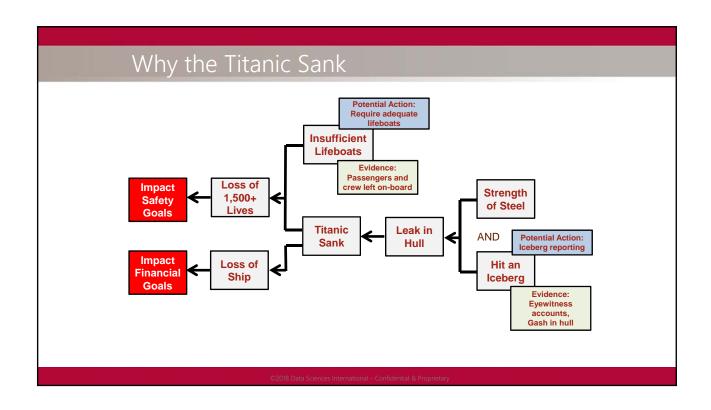


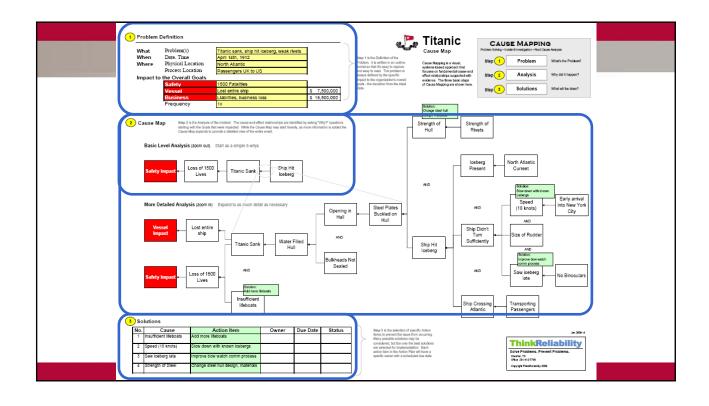
If there were "One Root Cause,"
what would it be?

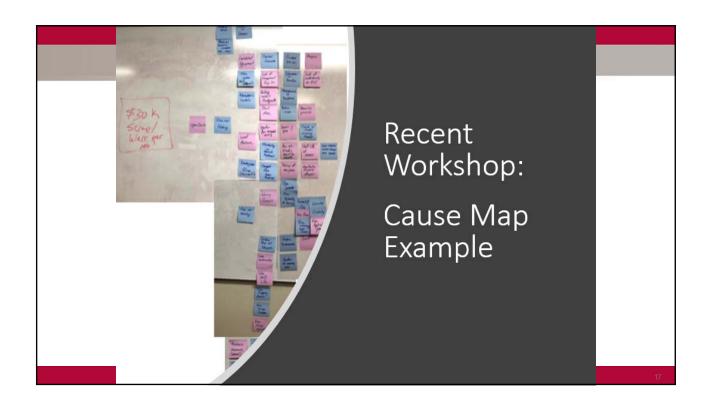




Why did the Titanic Sink?







# Cause Mapping Applications Make sure you're sitting down....

### Keys to Success

- Right team members
  - o A desire to understand & ask questions
- Understand the process that created the problem
  - o Do not place blame
  - o Take the time needed to identify causes
  - o Watch out for interactions!
- Identify possible solution opportunities
  - o Ensure new problems will not be created
  - o Prioritize solutions

### Keys to Success

- Take action & implement solutions follow-through
  - Transfer knowledge / communicate changes (including why)
- Monitor and assess results
- Apply knowledge to all similar situations

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# Thank you!

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