



\$ 20+ Billion Worth of Disruptive Innovations

We Exist To Change The World Through Systems That Help Everyone Think Smarter, Faster & More Creatively

We Exist To Change The World Through Systems That Enable Everyone To Have Their Very Own Custom Bourbon, WHISKey or Rum

EMPLOYEE ENGAGEMENT Ignites...
A Chain Reaction of Positives

- 81% decrease in absenteeism
- 58% decrease in patient safety incidents (mortality and falls)
- **18% decrease in turnover for high-turnover organizations**
- **43% decrease in turnover for low-turnover organizations**
- 28% decrease in shrinkage (theft)
- 64% decrease in safety incidents (accidents)
- 41% decrease in quality (defects)
- 10% increase in customer loyalty/engagement
- 18% increase in productivity (sales)
- 23% increase in profitability

#1 Predictor of Employees Feeling
"My company is one of the best places to work."
My talents are well used in the workplace

System Thinking Is The Foundation Of Our Work...

Dr. W. Edwards Deming

1950
Rebuilt Japan

1980
Rebuilt North America

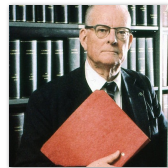
Ford
Xerox
P&G
Lean
6 Sigma

**"94% of failures are due to the system
6% are due to the worker"**



100% Synergistic with....
Total Quality - LEAN - 6 SIGMA

That's because all are grounded in the work of
Dr. W. Edwards Deming



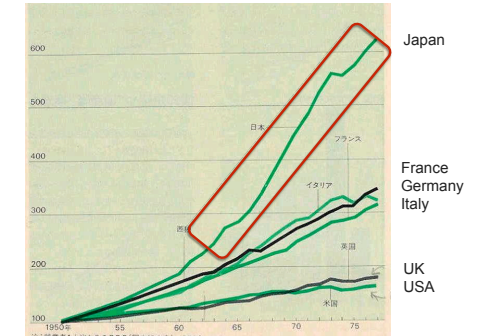
Employees Are A POWER to be UNLEASHED



Kenneth Hopper



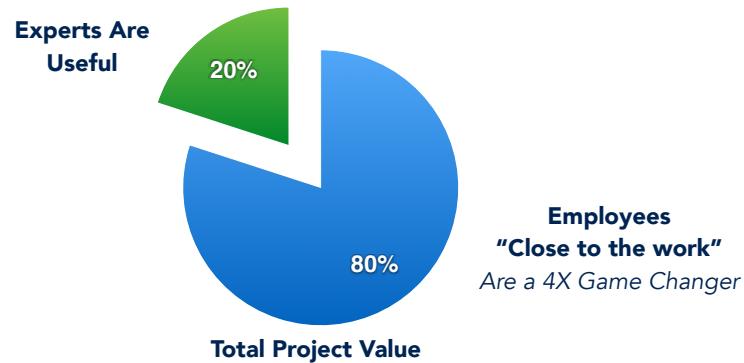
The Secret to Japan is
Enabling Everyone



EXPERT GURU
1950 - 1962

**ENABLED
EMPLOYEES**
1962 Deming Prize
Sumitomo Electric

Employees Are A POWER to be UNLEASHED



Employees Are A POWER to be UNLEASHED

"In almost all the solutions to the problem of productivity there is a common thread. Each of them includes, in some way, worker participation. Every expert to whom we talked to agreed that no solution can succeed fully unless it includes the active participation of the people who actually do the work, union or nonunion. All humans think and nowhere is it chiseled in stone that those in management think best."

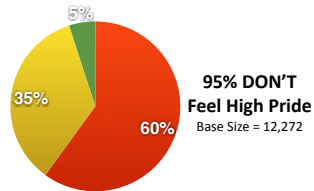
NBC TV Special Featuring Dr. Deming
"If Japan Can Why Can't We?"



Dr. Deming was asked how he would summarize his message in a few words. "I would say **Pride of Work.**"

HOW ARE WE DOING ON PRIDE IN WORK?

How would you rate the overall quality of work done by your company?



95% DON'T
Feel High Pride
Base Size = 12,272

PROACTIVE Problem Solving
Ignites pride in work...
It makes work FUN AGAIN

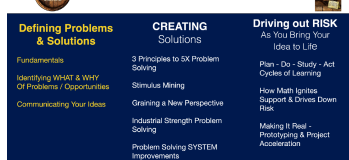
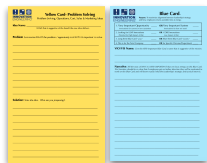


Employee Engagement - Development Journey



Three Learnings from Research

Workshop Agenda



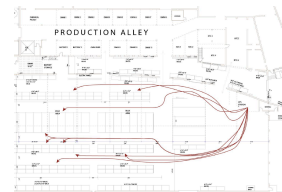
Clarity on
WHAT & WHY
Is the **PRIMARY** Motivator
For Today's Workers

HOW
Hands on - Step By Step
Training & Tools for
Thinking Smarter, Faster
& More Creatively

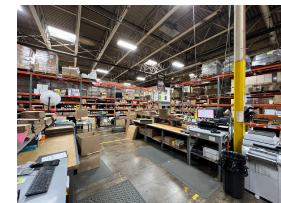
Teach for
"MY WORLD"
TRAINING CUSTOMIZED to
"Connect the Dots" with...
MY JOB, MY COMPANY & MY INDUSTRY

Company Customized Examples

Removes "Implied Criticism" From Training



OLD WAY - Filling Customer Orders
Walk to Fill Customer Parts orders



New Way
Top 200 Parts Racked Near Front

IMPACT: Saves 7 minutes / order
150 orders a day



Company Customized

Builds Culture, Pride & Mindset

- One-on-one Interviews
 - Legendary Company Stories
 - Small Problem Solving Stories
 - Company “Values” Stories
- Match Company “Vocabulary”
- Align Company SOP System
- Company Success Norms

Industry Customized

Helps “Connect the Dots”

- Health Care
- Distilleries
- Manufacturing
- Hospitality / Services
- Government Services
- Higher Education



Employee ENGAGEMENT with PROACTIVE Problem Solving



“Excellent Class! Thank You!”

“Appreciate the company making the investment towards innovation and providing the tools for continuous improvement.”

“Great presentation and great speaker. Kept me engaged for 8 hours!”

“Great content I’ve been with the company for 20 years, This is by far the most impactful event I’ve attended with the company.”

“We all work very hard, but we need to start having more fun along the way”

“We need to expand this training & cultural shift to elevate the entire organization.”

Net Promoter Score = 74

For PROACTIVE Problem Solving Workshop

	Net Promoter
PROACTIVE Problem Solving Workshop	74
Apple benchmark	73
Amazon benchmark	73
Southwest Airlines benchmark	71
Netflix benchmark	67
Delta Airlines benchmark	47
Costco benchmark	45
A BAD SORE (0 to -100)	Less than 0

Created by Bain & Company



Engaged Employees Enable Speed

Dexter versus one of the world's most respected and largest WHISKY distilleries.	A Top International Whiskey Co.	Dexter Distillery
New Product Concept Test	1 Month	90 Minutes
New Product Taste Test	2 Months	1 day
R&D for completely new liquid	7 years	7 weeks
Liquid revision	1 year	1 week
New label	6 months	1 month
Label revision	2 months	1 week
New Custom Bottle	1 year	6 months
New bottle	3 months	2 weeks
New shipping case	3 months	3 weeks
New supplier approval	3 months	1 day
New case artwork	1 month	1 day
Place Product on-Premise	6 to 9 months	1 Day
TOTAL	11+ Years	Less than a Year

NOTE - As a Craft Distillery in Ohio, Dexter can Sell Direct to consumers and to on premise - making for the fastest product development and research lab in the industry.

The Dexter Way

Less than A Year

Classic Corporate WAY

11+ Years



10+ TIMES FASTER



Workshop Agenda



Defining Problems & Solutions

Fundamentals

Identifying WHAT & WHY Of Problems / Opportunities

Communicating Your Ideas

CREATING Solutions

3 Principles to 5X Problem Solving

Stimulus Mining

Graining a New Perspective

Industrial Strength Problem Solving

Problem Solving SYSTEM Improvements

Driving out RISK

As You Bring Your Idea to Life

Plan - Do - Study - Act Cycles of Learning

How Math Ignites Support & Drives Down Risk

Making It Real - Prototyping & Project Acceleration



PROACTIVE - creating or controlling a situation by causing something to happen rather than responding to it after it has happened.

PROACTIVE - Things you CHOOSE TO DO

REACTIVE - What you HAVE TO DO



CEO: "What will it take to have an employee see that spot on our NEW carpet and... without being told clean it?"

"I'm guessing we have to file a request to maintenance & wait a week to get it cleaned."

Walking to the lake as sun was setting



Lieutenant colonel



"My job is to create a culture where everyone takes action when they see things..."



The “Irreverent” Motivator

Front Line, Middle Management & Leadership

It's how you can finally...
STOP THE STUPID
“Stupid” Work Systems, Tools & Methods

There are no STUPID People
*Only Those Who Have Not Been
Taught & Supported As Problem Solvers*

PROACTIVE Mindset starts with...

WHAT & WHY

Gives Focus

Gives Motivation

WHAT & WHY is Based on Commander's Intent

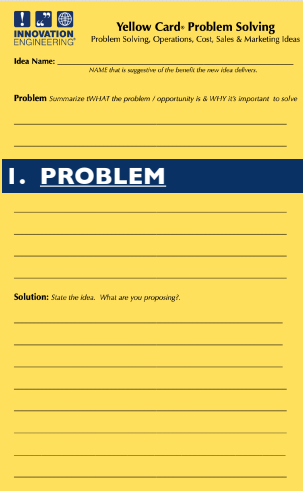
The Modern Military Approach

Definition: A clear and concise expression of the purpose of the operation and the desired end state that supports mission command, provides focus to the staff.

*In the absence of further orders you would
know what to do....*

PROACTIVE Problem Solving Communication System

1. Problem
2. Solution
3. Explain how it Works
4. Reinforce Key Benefits
5. Suggest an Easy Next Step



Yellow Card- Problem Solving
Problem Solving, Operations, Cost, Sales & Marketing Ideas

I. PROBLEM

Solution: State the idea. What are you proposing?

Problem /
Opportunity
is our FOCUS

Is it important
TO SOLVE

WHAT & WHY

Gives Focus color: blue;">Gives Motivation

WHAT & WHY



THINK - RELIABLE Problems that REPEAT

Problems that small but repeat over and over again

A small problem that wastes just 20 minutes every other day = 86 hours a year (assuming 2 shifts a day)



THINK - BIG Problems that Happen Infrequently

Problems that are RARE but Devastating

Product Quality Recall - Worker Accident - Plant Shut Down

WHAT = PROBLEMS AND OPPORTUNITIES for Working Smarter

WHAT & WHY

Is what gives you....

The courage to think differently

The energy to solve the problem

The intrinsic motivation to keep going

WHAT & WHY

Powered by VALUES...
What's the RIGHT THING to do

Powered by COMMON SENSE...
Stop making excuses for "Existing systems"

Powered by SIMPLE MATH...
*"X" Events * "Y" Times * "\$ / Event" = WOW*

WHAT & WHY



**Helps YOU
focus & energize
Your PROACTIVE
Problem Solving**



**Aligns OTHERS
To Support
PROACTIVE
Problem Solving**



Simple Problems with Just a Few People Involved

Complexity & Many People We Use BLUE CARD To Set Mission



WHAT & WHY

Gives Focus Gives Motivation


Blue Card

Purpose: To increase the number of Blue Card strategies.

Very Important Opportunity	OR Very Important Systems
<ul style="list-style-type: none"> Linking to the Blue Card Strategy Improving the Blue Card Strategy Linking to the Blue Card Strategy Linking to the Blue Card Strategy 	<ul style="list-style-type: none"> OR OR OR OR

VOUCH NUMBER: Give this VOUCHER NUMBER to Card number that is registered at the station.

Important: We have a list of all the VOUCHER NUMBERS that we have received from the Blue Card and the Voucher Number is a copy that is registered on the station database and it can be returned to the station if the card is lost and the card is not used. The card is not used if the card is not used.



Yellow Card- Problem Solving

Problem Solving, Operations, Cost, Sales & Marketing Ideas

Idea Name: _____

NOTE: that is suggestive of the benefit the new idea delivers.

Problem Solve/Reduce/Increase the problem / opportunity is & WHY it's important to solve

Solution: State the idea. What are you proposing?

2. Solution

Clearly State the Idea

I. Problem

- Summarize the Situation

We often suffer back problems from lifting...

We waste 2 hours a day
doing data entry leaving 6
hours to do our work.

2. Solution

Clearly State the Idea

What if we added a roller conveyor so we can push production units on to the next person.

Create a one input system - as we place order it does the paperwork.

Explain How Your Idea Works: *The key details on what is new - focus on key steps.*

3. Explain how it Works

- The Details on What is Different

Reinforce Key Benefits: The “Why” this is meaningful to do. 1 to 3 benefits at most.

Suggest an Easy Next Step: Detail a simple PDSA, action or way to learn more.

Idea Validated & Ready To Become Our New Work Process: ____ Yes ____ No

Problem Solver Name(s): _____

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This is **HOW** you will
SOLVE the **PROBLEM**

How to 5X Your PROACTIVE Problem Solving Ability

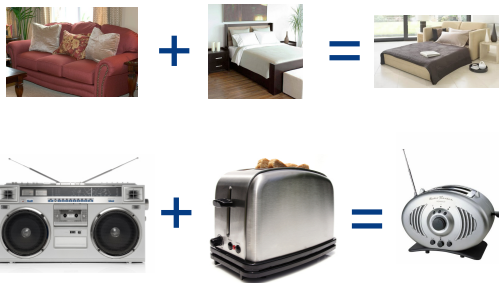
$$\text{Meaningfully Unique Ideas} = \frac{\text{Explore Stimulus}}{\text{Drive Out Fear}} \quad \begin{matrix} \text{Leverage} \\ \text{Diversity} \end{matrix}$$

$$MU = \frac{S^D}{F}$$

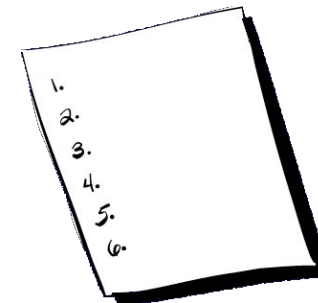
Validated by INDUSTRY & ACADEMICS

At Their Most Basic
Problem Solving IDEAS
are Feats of Association

Stimulus 1 + 1 = 3



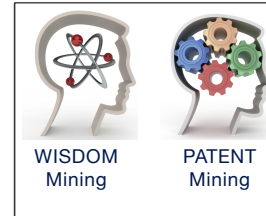
Where To Go On Vacation?



Where To Go On Vacation?



Tech Mining



Borrow Brilliance
from Academic
Research

Find Inspiration
from Patents/
Technology

Classic Mining



Understand
Competitors

Voice of the
Customer

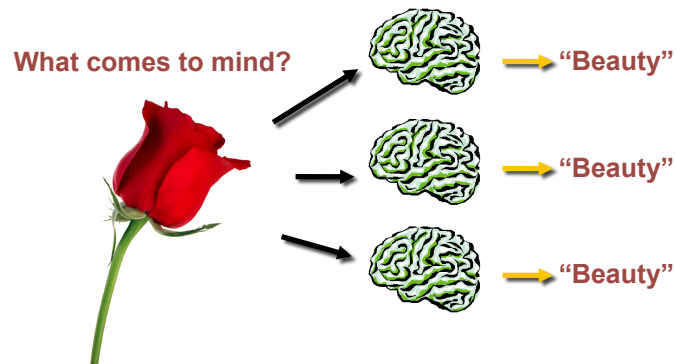
Stretch Mining



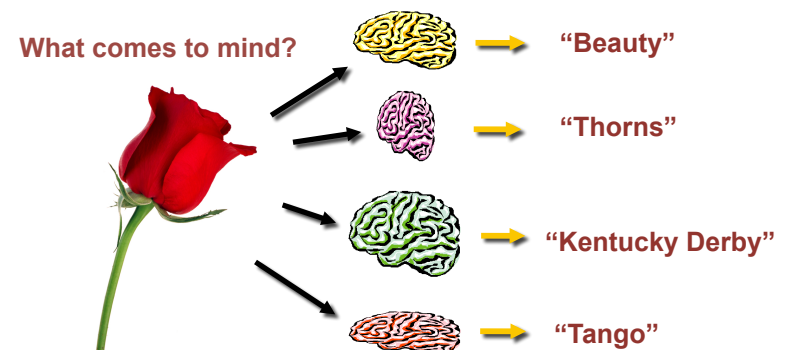
Anticipate Future
Shifts, Leverage
Current Trends

Analogy, Force
-Associate
Unrelated Topics

No Diversity of Thought



Diversity Multiplies Impact of Stimulus



$$MU = \frac{S^D}{F}$$

**DIVERSITY is
NOT Additive
NOT Multiplicative
IT'S EXPONENTIAL**

Diversity
of thinking

Meaningfully
Unique ideas = $\frac{\text{Stimulus Mining}}{\text{Drive Out Fear}}$

$$MU = \frac{S^D}{F}$$



Drive Out Fear

Drive out Fear

by Making it EASY...

to Learn More



Respect Emotional Nature of Fear

“Re-Label” with

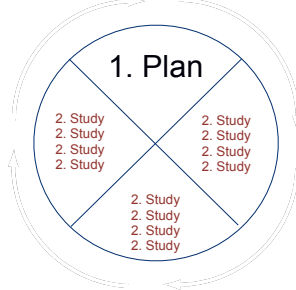
Equally Emotionally Language

Fear	→	Death Threat
“No”	→	Death Threat
Can't Do it	→	Death Threat
Can't Afford It	→	Death Threat
Can't Make It Work	→	Death Threat

Old World

"Proper & Mature"
Way of Working

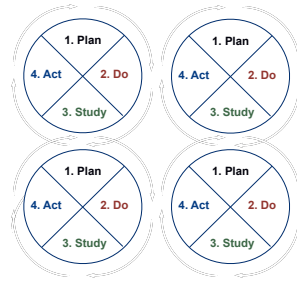
Expensive & Slow



New World

Fail FAST - Fail CHEAP

Dissolve Risks with Small Steps



PLAN: Our Ideas for how to solve the problem.

DO: Document the results of the experiment - why did we or didn't we solve the problem?

ACT: Based on what we learned we will...



SUCCESS IS GUARANTEED
We just don't know the number of cycles.

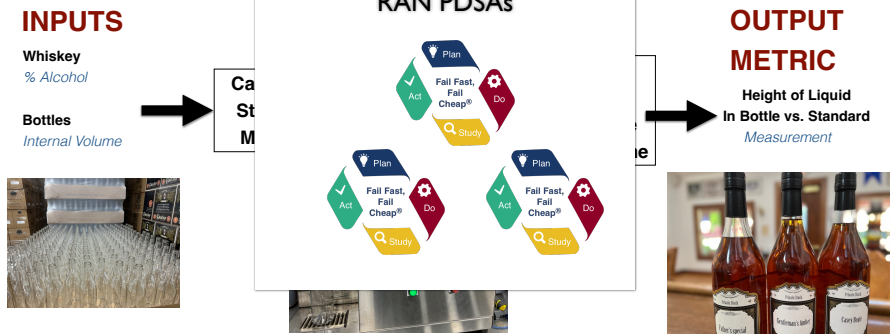
2 Examples of Employee PROBLEM SOLVING From our Distillery

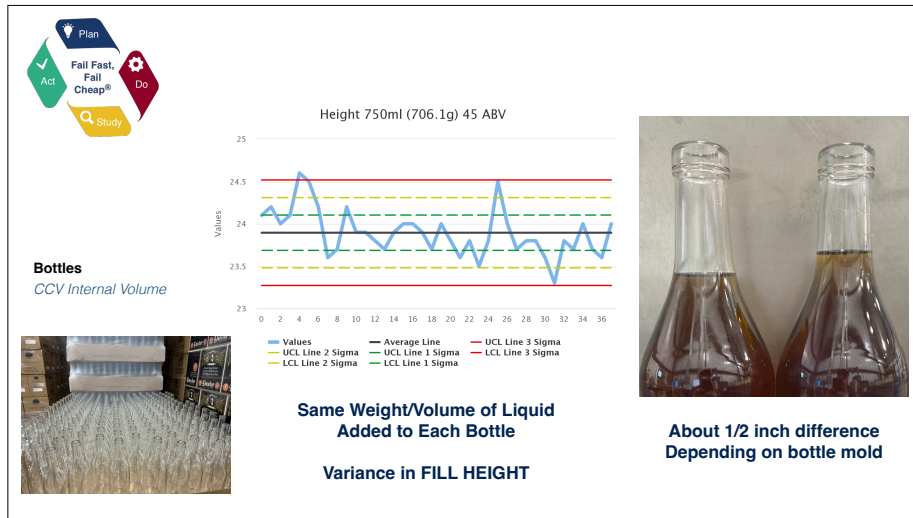


Greg Carroll

Example #1: Variance in fill height of custom bottles creates customer frustration.

MAP System To Identify Variances





Plan
Fail Fast, Fail Cheap®
Do
Study
Act

REALITY is - Bottles Have Correct Volume

CUSTOMER PERCEPTION - Not Filled Correctly

SOLUTION #1 - Add a “NUDGE” Button & Changed SOP

Plan
Fail Fast, Fail Cheap®
Do
Study
Act

SOLUTION #2 - Use Longer Shrinks to Hide Variance

Plan
Fail Fast, Fail Cheap®
Do
Study
Act

EXAMPLE TWO

PROBLEM

New Bottling Line Still Breaks Down every 6 Minutes

AND

It's the busiest time of the year November/December

FIRST ACTION

CHANGE WHAT WE MEASURE

From “# of cases packaged”

To

“# Breakdowns Per Hour”

SECOND ACTION

Enable Kainon

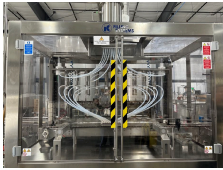
Packaging Team Leader

To be PROJECT LEADER

Total Responsibility

And No Authority Over Scotland / Italy

Packaging Machine has FOUR Modules



1. RINSE & FILL



2. CAPPER



3. LABEL & SHRINKS



4. CARTONS



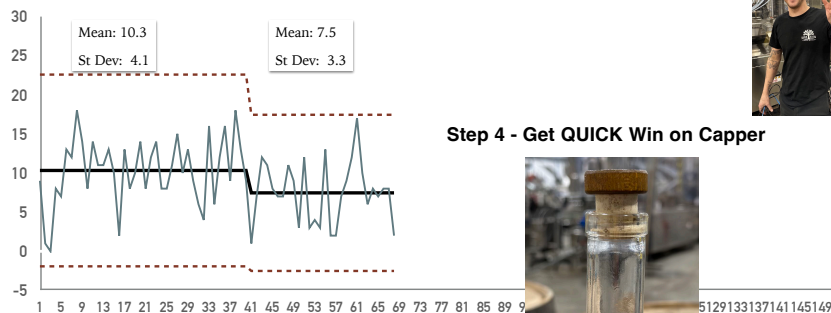
Breakdowns / Hour



Step 4 - Get QUICK Win on Capper

Control limits are 3 standard deviations

Breakdowns per Hour



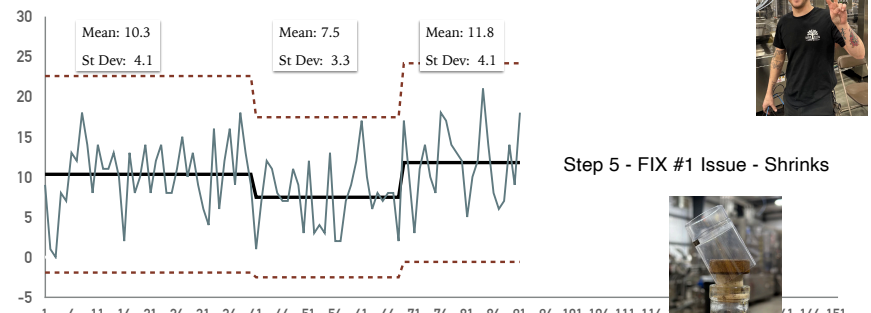
Step 4 - Get QUICK Win on Capper



Reduced Breakdowns by 27%
AND Reduced Variation



Breakdowns per Hour

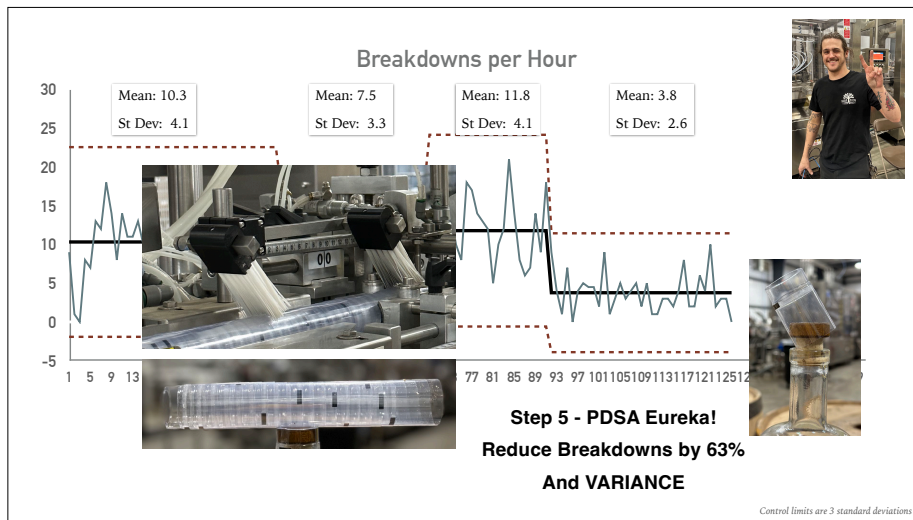


Step 5 - FIX #1 Issue - Shrinks



NOT Ideal...
Need to Produce for Holidays
RESULT Things Get WORSE

Control limits are 3 standard deviations



From Kainon

Very solid day after recent adjustments.

Module 1 THREE Breakdowns an hour

Module 2 No breakdowns

Module 3 No Breakdowns

Module 4 No breakdowns

A Powerful Measure of Improvement
“Working Smarter”
Improvements to your SOP

Enabling Innovation By Everyone, Everywhere, Every Day

Employees
 How to Think Faster
 Smarter & More Creatively

Leaders of
 Teams &
 Projects

Mastery
 Of Improving
 Work Systems

Capability Building - through On Site Support & Customization



Workshop Agenda



Defining Problems & Solutions

Fundamentals

Identifying WHAT & WHY Of Problems / Opportunities

Communicating Your Ideas

CREATING Solutions

3 Principles to 5X Problem Solving

Stimulus Mining

Graining a New Perspective

Industrial Strength Problem Solving

Problem Solving SYSTEM Improvements

Driving out RISK As You Bring Your Idea to Life

Plan - Do - Study - Act Cycles of Learning

How Math Ignites Support & Drives Down Risk

Making It Real - Prototyping & Project Acceleration



For Leaders of Projects & Teams



PROACTIVE Problem Solving WORKSHOP

+

Identifying Opportunities

1. Meaningful Uniqueness
 - Scoring Ideas
2. Blue Cards
 - Purpose
 - Writing
3. Yellow Cards
 - Problem Solving Yellow Card
 - New Products Yellow Card

Coaching Your Team

4. Coaching Stimulus
 - Stimulus Mining
 - Spark Decks
5. Coaching Diversity
 - Planning Create Sessions
 - Leading Create Sessions
6. Coaching Yellow Cards
 - Free Writing
 - Numeric, Clarity
7. Coaching PDSA
 - Death Threat Identification
 - Solving with Prototyping

Gaining Buy-In For Change

8. Team / Project Leader Role
 - Primary & Secondary Roles
9. Using Math to accelerate Buy In
10. Rapid Research Overview
11. Introduction to System Mapping

TRAINING MAGAZINE
#1 Priority Skill for Leadership Development
Is "Coaching Others"
It's been the #1 NEED
6 Years in a Row



MASTERY COURSE For System Leaders



Body of Knowledge

A New Field of Academic Study & Leadership Science



1. FUNDAMENTALS

CREATE Fundamentals

1. Meaningful Uniqueness
2. Stimulus & Diversity
3. Exploring Stimulus
4. Create Sessions 1.0

COMMUNICATE Fundamentals

5. Strategy Activation - Blue Card
6. Concept Writing - Yellow Card
7. Concept Improvement
8. Estimating Concept Value

COMMERCIALIZE Fundamentals

9. PDSA Plan, Do, Study, Act
10. PDSA - Best Practices
11. PDSA - Concept Prototypes
12. PDSA - Functional Prototypes

2. CREATE Expert

13. Unrelated Stimulus
14. Patent Mining
15. Insight Mining
16. Market Mining
17. Advanced Create Methods
18. Future Mining
19. Wisdom Mining
20. Professional Grade Create

3. COMMUNICATE Expert

21. Optimizing the Whole Concept
22. Concept Feedback Systems
23. Advanced Benefits & Proof
24. Omph
25. Technology Translation
26. Meaningful Marketing Messages
27. Real World Communications
28. Proactive Selling Pitches

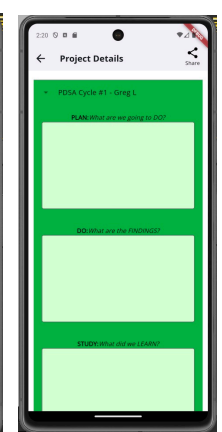
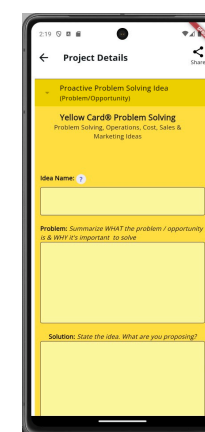
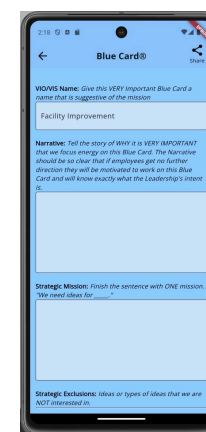
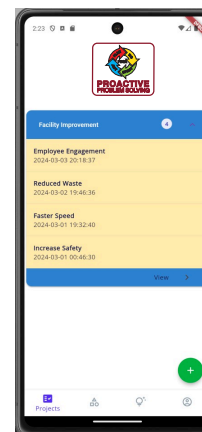
4. COMMERCIALIZE Expert

29. PDSA - Rapid Research
30. PDSA - Reducing Forecast Variation
31. Cost & Price Estimating
32. Business Models
33. Proprietary Protection
34. Organizing for Success
35. Business Opportunity Recommendation
36. Innovation Decisions & Recommendation

5. SYSTEM Driven LEADERSHIP

37. Appreciation for a System
38. Knowledge about Variation
39. Psychology
40. Theory of Knowledge
41. Strategic Alignment
42. Departmental Alignment
43. Rapid Research Operations
44. Rapid Research Analytics
45. Collaboration
46. Patent ROI
47. Diffusion of Innovation Mindset
48. Personal Leadership

App enables COACHING & Encourages Deeper THINKING





A Culture of CURIOSITY

Stimulus - CURIIOUS to Learn More

Diversity - CURIIOUS to Listen to Others

Drive out Fear - CURIIOUS to Experiment

$$MU = \frac{S^D}{F}$$



It's About Embracing a Mindset of...

1. I Don't Know Stimulus / Learning

2. I Need Help Diversity / Collaboration

3. I Fail A Lot Experiment / Fail FAST Fail CHEAP Cycles



\$ 20+ Billion Worth of
Disruptive Innovations



To learn more got to www.eurekaranch.com or
contact: Corie@EurekaRanch.com



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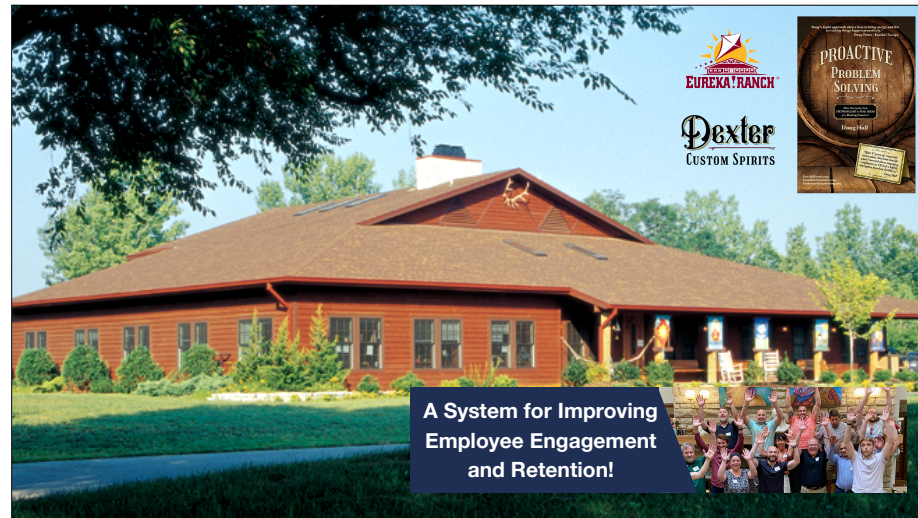
To learn more about education & training
contact: Corie@EurekaRanch.com



We Exist To Change The World
Through Systems That Enable Everyone
To Have Their Very Own
Custom Bourbon, WHISKeY or Rum



To learn more about Dexter Custom Spirits
contact: Doug@Eureka-Dexter.com



A System for Improving
Employee Engagement
and Retention!