Welcome!

Best Practice Transfer: An Approach to the Organizational Adoption of Best Practice and Continual Improvement

Marty Larsen, Microsoft

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Welcome!

Todays Agenda



 Overview of the 5 Step Process for the Implementation and Transfer of Best Practices



- Additional Detail
 - √ The five steps with additional data and examples.

5 Day Best Practice Transfer (BPT) Program

- 1. Assess Readiness for Change
- 2. Gain leadership and staff acceptance
- 3. Setting up breakout sessions
- 4. Facilitation of BPT Breakout sessions
 - Start
 - Scope and Objectives
 - Problem and Analysis
 - 4. Development of Process flows
 - 5. Development of Consensus and Actions
 - 6. Report Out
- Realizing the return on effort: The Report Out



Assess Readiness for Change

- Identify the Organizational Impetus
- Anticipate and Identify the Resistance to Change
- Assess Organizational Alignment
- Assess the Time Commitment

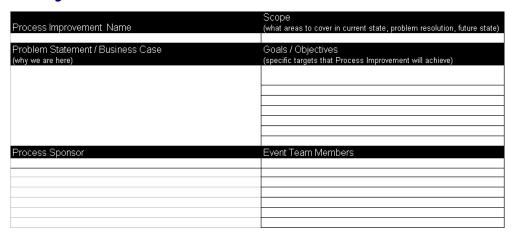


Gaining Acceptance

Process Improvement Approach & Time Requirements Sponsor Level 1hr / 1 Define Goals & Objectives Policy month review Process Level after 1-3 Organizational View hrs eam Manager / Lead Level 1hr Define Goals & Objectives Process weekly for review Process Detail Level review daily 1 month 1-2 Team View hrs Team Level Improve Processes Procedure Daily Implement Procedure Level Report Out Action Plan Progress Team View For 1 month. 2-5 full, committed days for improvement event 1 hr - 2 days per week Preparing Gain Report **Assess** Facilitation Acceptance **Breakouts** Out

Preparing Leadership and Staff

- Techniques for Overcoming Resistance to Change
 - ✓ Generate broad support and participation
 - ✓ Work with multiple levels of leadership
 - Policy, Process, Procedure
- Identification of Scope and Objectives
 - ✓ Scope Identification form and facilitation
 - ✓ Identify team members

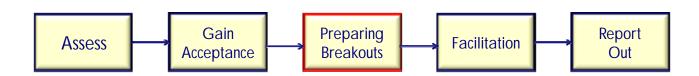




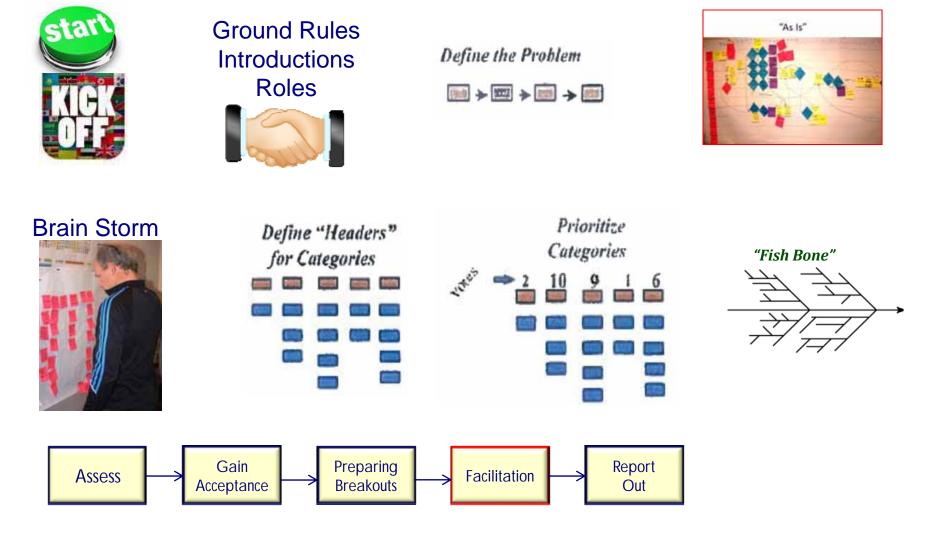
Preparing the Breakout Session

- Scheduling
- Room set-up
- Scope Doc
- Agenda
- Training
- Materials





Overview of the BPT Breakout Session



Overview of the BPT Breakout Session



Assess

Gain

Acceptance

Facilitation

Report

Out

Preparing

Breakouts

BPT Report Out Scope Review viagro iviag - Problem & incluent n. Tools Wish List Tool populates all task for standard change · Tool auto-populates user data . Tool has template of change request . Tool automatically asymptotic result in "As is" · Tool is simple: Team Consensus · Tool is faster . Team agreed upon the following concepts, assumptions, principles and why.... · We need to handle incidents this way because....we came to this conclusion why. Initial Problem Brainstorming · We cannot adapt this make onese meanwhile Fishbone Cause & Effect/ Brainstorm Future State - picture Action Plan Return on Effort Communication Plan · KPI's Identification of work products that demonstrate the execution of the best practices. - Reporting and communication of work products Metrics a trend toward improvement - Identification of how to collect metrics RACI - Reporting and communications of metrics Event Feedback Report Gain Preparing Plus + Deltas A **Assess Facilitation** Acceptance **Breakouts** Out © Microsoft, Presented in Partnership with ITSM Academy 11

Detail

- Facilitator Preparation
- Assessment of Readiness
- Scoping
- Preparing for Breakouts
- Executing the Breakouts
- Reporting the Breakouts



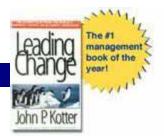






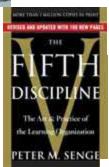


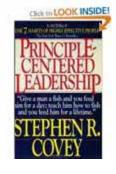
Best Practice Transfer (BTP) Facilitator Preparation



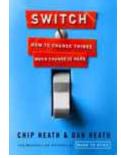
- Psychology of a Breakout Session
 - ✓ Empowered teams and high-performing teams
 - ✓ Ownership of solutions
 - √ Team and organizational behavior
- Facilitation of a Breakout Session
 - ✓ The leaderless facilitator
 - ✓ The tools of the facilitator
- Objectives of a Breakout Session
 - ✓ Streamline decision making
 - ✓ Reduction of bureaucracy
 - ✓ Structured problem solving











Assess Readiness for Change

- Identify the Organizational Impetus
 - √ "Why do I care" and "Why do we need to change"
 - ✓ Assessment of current state maturity
- Anticipate and Identify the Resistance to Change
 - ✓ "Why we cannot change"
 - ✓ The psychology of cultures and individuals
- Assess Organizational Alignment
 - ✓ Is the organization aligned and set up for change?
 - ✓ What do we want to change?
 - ✓ How will we measure the change?



Assess Readiness for Change Work Product

- Answer
 - "Why do I care" and "Why do we need to change "
- Maturity Assessment (very high level)
 - Based on IO, CMMI, ISO20000 or other
- Past Resistance to Change and Past Efforts
 - Cultural barriers confronted
- Identify What is to be Changed
 - Behavior, work products, tools, reporting



Scope Goals and Objectives

- Confirm the Effort (time) the Leadership Team is willing to Commit
- Confirm the Time the Leadership Team is willing to Commit to the breakout team members
- Confirm the Way in which the Time Allotted will be Communicated
- Agree on KPI's or Measurements



Breakout Session Leadership Pre-Meeting

- Mini session of Q & A with the objective of having leadership fill out and agree on session's the "Scope and Objective"
- Prior to the leadership pre-meeting the facilitator may or may not send the Scope and Object form to the leaders

Process Improvement Name Change Management Activities	Scope (what areas to cover in current state, problem resolution, future state) (Domain Level) Server Group
Intake and Logging	, ,
Problem Statement / Business Case (why are we here)	Goals / Objectives (Specific targets that Process Improvements will achieve)
 Request for change arrives via multiple 	Consolidate and/or broker multiple change intakes
intakes causing confusion and difficulty for	Enable the service to see approved changes so
planning and project management.	that the SD may incorporate the information into
2. Changes authorized for work and release	their standard triage activity.
into production are not visible to the	
Service Desk 3. Leadership needs to know if the Server	Assess Server Team domain level change manager process and determine if level of maturity is
Team Change Management process is	enough to enable propagation.
ready to be propagated to other domains.	enough to enable propagation.
Process Sponsor	Event Team Members
Tumar, S.	
Rob, Gabriel	
Nokia, Mike	

Prepare for the Breakout Session

- Super Sticky Post-it Notes
- Name Tents or Name Tags
- Flip Charts (two or more)
- Roll of Butcher Paper
- Markers and Pens
- Leadership Pre-meeting Slides
- Candy | Horn
- Projector
- Posters
- Parking Lot and Job Assignments
- BPT Session Slides (specific to the session focus)



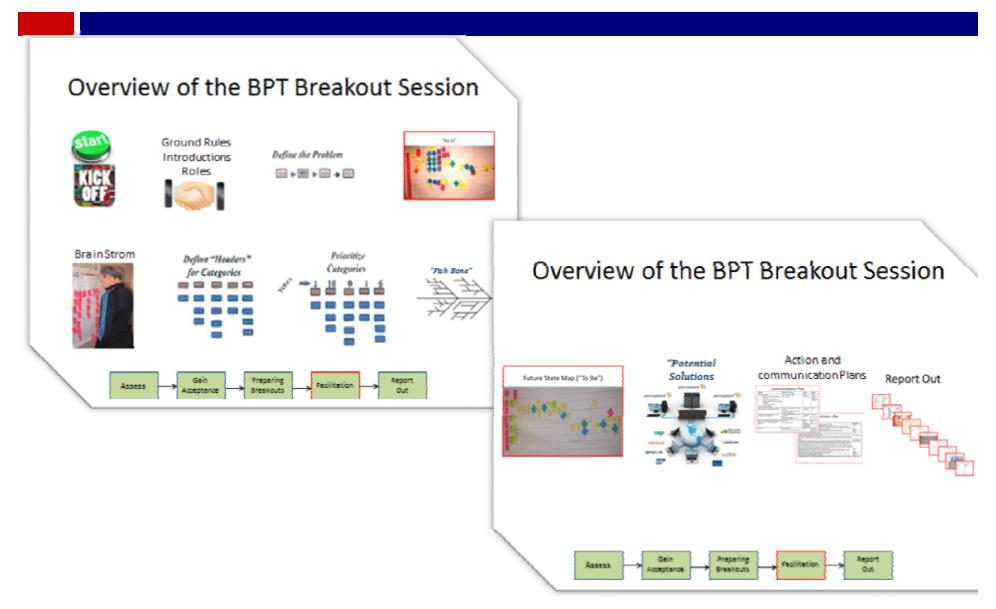


Breakout Start

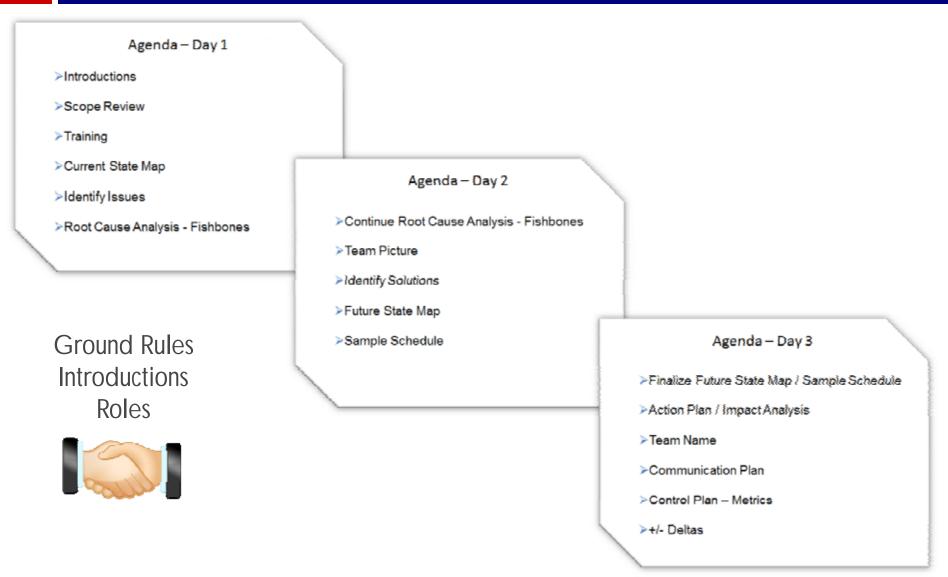
- Set up Room Appropriately
- Hang any Preprinted Material
- Handwrite Agenda and Post on Wall
- Invite Leadership to Kick Off Meeting
- Confirm the Appropriate Team is in Attendance
- Post "Check-in / Check-out" Form
- Post WO or Approval Number if Appropriate



The Breakout Session



Breakout Session Agenda



Breakout Principles and Ground Rules

Team Ground Rules

- Keep an open mind to change
- Maintain a positive attitude
- Never leave in a silent disagreement
- Create a blameless environment
- Treat others as you want to be treated
- One person, one voice—no position or rank
- There's no such thing as a dumb question
- Understand the process and Just Do It!

Ground Rules Introductions Roles



Top 50 Creativity Killers

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- The Sen'there Do Sees.

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- No expension one that 10 cm looking is further.

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- Cold despring I distribute, darkfull.
- that's too much kery true. Or fee much week.

Breakthrough Principles

- Clear objectives
- Team process
- Tight focus on time (3 days)
- Creativity before capital
- Quick & simple, not slow & elegant
- Necessary resources immediately available
- Immediate results (new process functioning by end of week)

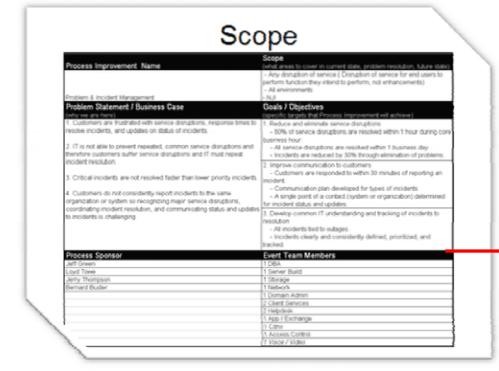
Top 50 Creativity Killers

- Our place is different.
- We tried that before.
- It costs too much. 3.
- That's not my job.
- They're too busy to do that.
- We don't have the time.
- 7. Not enough help.
- It's too radical a change.
- The staff will never buy it.
- 10. It's against company policy.
- 11. The union will scream.
- 12. That will run up our overhead.
- 13. We don't have the authority.
- 14. Let's get back to reality.
- 15. That's not our problem.
- 16. I don't like the idea.
- 17. I'm not saying you're wrong but...
- 18. You're two years ahead of your time. 36. It's too much trouble to change.
- 19. Now's not the right time.

- 20. It isn't in the budget.
- 21. Can't teach old dog new tricks.
- 22. Good thought, but impractical.
- 23. Let's give it more thought.
- 24. We'll be the laughingstock of the industry.
- 25. Not that again.
- 26. Where'd you dig that one up?
- 27. We did alright without it before.
- 28. It's never been tried.
- 29. Let's put that one on the back burner for now.
- 30. Let's form a committee.
- 31. It won't work in our place.
- 32. The exec. committee will never go for it.
- 33. I don't see the connection.
- 34. Let's all sleep on it.
- 35. It can't be done.
- 37. It won't pay for itself.

- 38. It's impossible.
- 39. I know a person who tried it and got fired.
- 40. We've always done it this way.
- 41. We'd lose money in the long run.
- 42. Don't rock the boat.
- 43. That's what we can expect from the staff.
- 44. Has anyone else ever tried it?
- 45. Let's look into it further.
- 46. We'll have to answer to the stockholders.
- 47. Quit dreaming.
- 48. If it ain't broke, don't fix it.
- 49. That's too much ivory tower.
- 50. It's too much work.

Scope Review



Scope Review

- NJI NJI as it is today, helpdesk, servers, etc.
 - Just a helpdesk lissue or lissues that go through them? No
 - Things that go through CRM? More than CRM, other systems too
- All environments DMZs, Dev (3), Test (2), Prod (3), ... 15 environments
- Disruption of service
 - lost of application or other sentices
 - Something not working
 - Unplanned and planned outages
 - OUT OF SCOPE Changes in environment that interrupt service - that is change management
- Updates of status answers: when will it be resolved?
- Prioritization of incidents is ad hoc and down at the team lead
- 80% of incidents PSTs, passwords, simple fixes
- Resolved? service is working from customer's view
- 1 hour when does the clock start? When first reported by customer
 - VIT OF SCOPE Event monitoring and

- "All" incidents within 1 business day
 - Excludes power outages, digging cut network, act of God, outside IT resolution
 - Excludes others in IT's control tapes offsite, failure of low-available system, permission fix
 - Most are enhancements and not incidents
 - Need a definition of an Incident
 - Incident Any disruption (planned or unplanned)
 - Customer / User notification
 - acknowledgement of incident
 - notify users of outage
- Communication Plan WHO to contact, how, and what triggers it
- Single point of Contact
 - Who does anyone call (helpdesk, customer, etc) to get undates
- Common IT understanding
 - Repeatable
 - All of IT does fithe same way
 - For prioritization, process, reporting, tracking, and
- · All incidents are documented and tracked
 - Outage has CMS ticket tracked against the incident
 - Emergency with lesson's learning and root cause analysis.
- IT users impacted or could impact (found by tools before users)

Define the Problem



Training

- Value Discuss
- Cause and Effect
- Test for Value

Cause and Effect Cause & Effect or Fishbone diagrams allow teams to brainstorm & discover issues. Categories typically explored: For Manufacturing For Support or Service Functions Manpower Equipment Methods Policles Materials Procedures People

Maximize the Value Activities



1. Test for Value Added



- Which steps are value added?
- Which steps are non-value added?
- How can you tell the difference?

Imagine the production process for making eyeglasses.

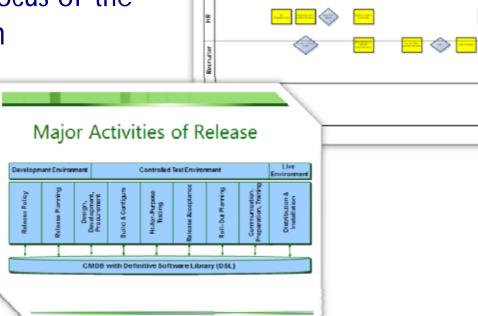
Product Routing - Eyeglass Manufacturer 10 Mold frame and temples

- 20 Transport to Quality Control Department
- O Inspect frame and temples
- Sort and stack frames and temples
- Fire polish frames
- O Pire poish frames
 O Print product name on frame
- 70 Transport to storage
- Store in primary stock bin
- Pick frames and temples
- 100 Transport to Final Assembly





Training Process Diagrams (Macro) Process Diagram (Swim) Cause and Effect Develop Swim Lanes and Detail the Steps New Hire Process **Best Practice Definitions** Specific to the Focus of the **Breakout Session**



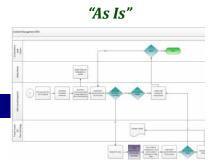
Create Macro Level Flow of Process

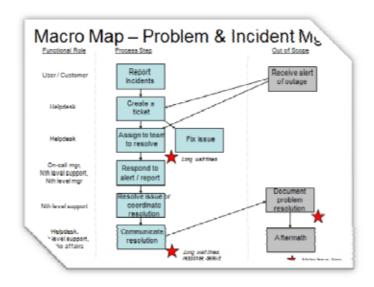
 \Diamond

Define the Problem

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Macro and Current State Map

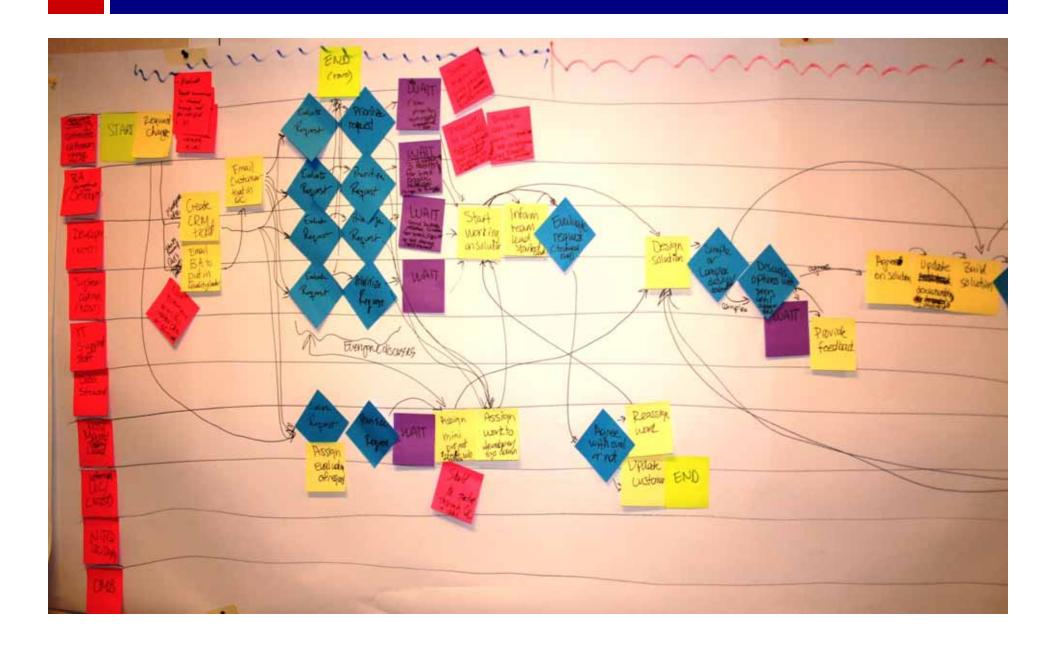




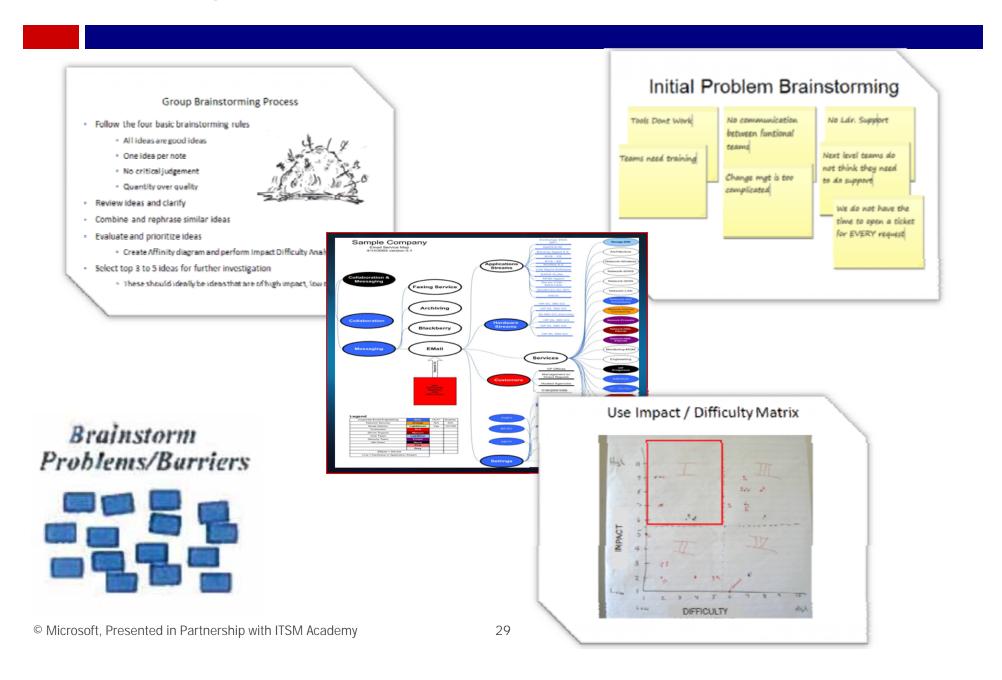
Keep the noun verb flow going Do lots of goofy little things such as "gold Star" For psychological reasons the current state map is built to be ugly and the facility wants to promote the ugliness



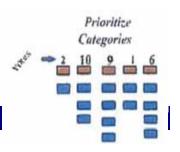
"As Is"



Identify Issues



Prioritize the Issues Team Votes

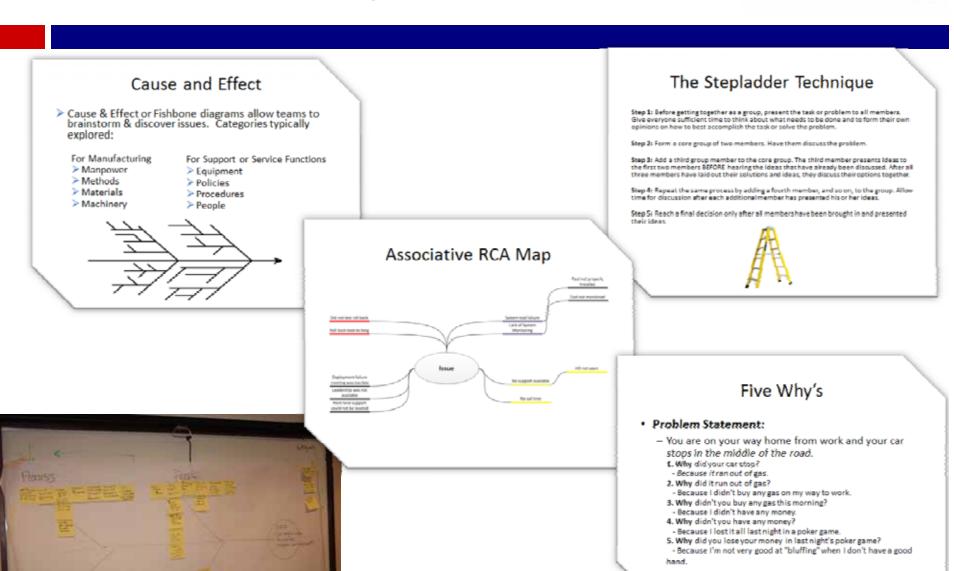


- Look at the Scope and Objectives Document
- Attempt to Quantify
- Refer to the Value Stream (training)
- Look for the Waste (training)
- The 80/20 Rule
- Impact vs. Effort (training)
- Time Allotted
- The 3 "yes(s)"

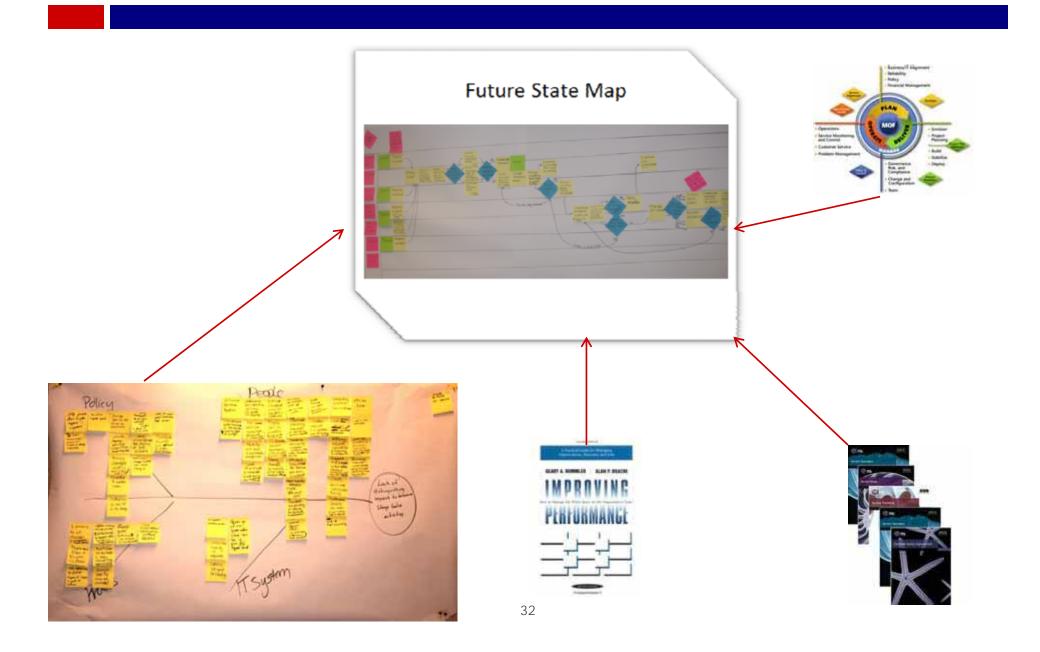
Root Cause Analysis

Define the Problem

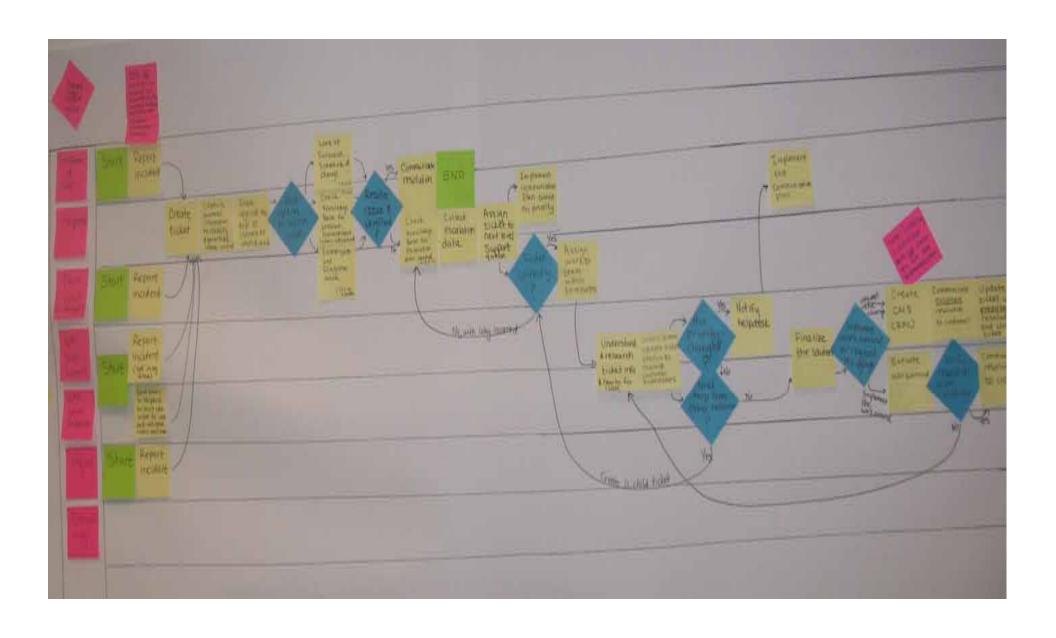




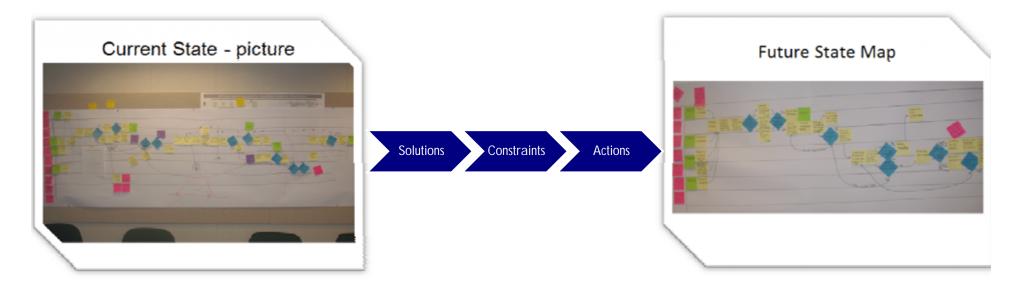
Future State "To Be" Map

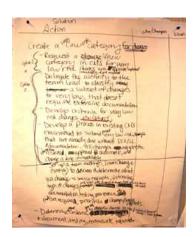


Future State Map ("To Be")



How Do We Get There?







The Action Plan

Action Items

The goal of our action items is that all action items can be achieved in less than 30 days, and a "YES" for two of the three following questions:

- a. Is it good for the organization?
- b. Is it good for the team?
- c. Is it good for the individual performer?

c. Is it good for the individual performer?		
Action Required	Who/Champion	When
Model classification - add priority, change name from 'date applied' to 'release date'	Gabe	
Change systems/servers impacted to be drop down (services)	Gabe	
Add sanity check in change logging system for approval of changes - can be done by team lead or peer.		
Service desk looks at upcoming changes (also helps with proper escalation and request that some changes not be	Aura and Gabe	
done) and include that into their triage process; view that meets their needs		
Every change should have a back out option when applicable	Gabe	
Services should be a drop down - need some thinking and discussion (needs both client name and tech name); ask	Gabe and Aura	
user for their names for services; need agreement on name (drop word impacted)		
services list to be generated by service desks (students)		
New hardware - spend focused time with new employee to help save time overall; need to convince business unit to	Steve	
allocate time		
Top ten review and allocate resources to solve issue if deemed a problem	Gabe	
Set up problem management meeting	Gabe	
Problem management artifacts and agenda	Marty	6 Dec
Apply priority matrix to known issues and see how it turns out; spawn RFC from this once root cause analysis is	Linda and Steve	
determined		
Include review of known issues + problem mgmt. database + kb as part of the triage process (after looking at top 10,	Linda and Steve	
changes list)		
Escalated items: when it gets picked up, estimated fix time needs to be provided within 5 minutes	Gabe	
Service desk escalates issues internally the same as externally. Escalation within a group should follow the same	Linda and Steve	
standards as escalation to another team.		
Override of specific tickets. CSR will follow STS approach - everyone looks at all tickets and takes next in queue, not	Linda and Steve	
their specific ticket. A combo of auto and override is likely the appropriate approach.		
Use a team calendar & tasks for service requests (like projector requests, loaners); resolve the ticket and create	Linda and Steve	
additional supporting entries or other technique that precludes the need to keep a service ticket open.		
Change auto-email response in ticket system to include hours of operation and to help set expectations	Linda and Steve	
Need to define model (standard, normal, emergency), type/category (minor, major, significant), priority (low, med,	Gabe and Kumar	

What Needs to be Communicated

- What is the intended purpose / action?
- Who is the intended audience?

Communication Plan

What	Who (To / From)	How	When
What will change: Respond to incident reports within 30 minutes Ticket status update within 2 hr Helpdesk will be the point of contact for updates Definition of an incident What will stay the same?	To: Customers / users From: Gitah	BPA connection	Once solution is working, estimated 1 month
Report out: New process, why changing, new prioritization, new definitions, etc	To: NJI teams (Helpdesk, Nth level support From: Team Leaders, Mgrs, and Process Improv Team	Email and meeting	ASAP
Update on procedures, policies, action completion, etc from event	To: NJI teams (Helpdesk, Nth level support) From: Team Leaders, Mgrs, and Process Improv Team	Email and meeting	As made or completed
Report Out (higher level with link to detail) and common (to IT) process changes approved	To: All of IT From: Gitah for Larry	Email, portal, newsletter, IT leadership presentation:	As soon as approved
*port out	To: Management From: Process Improv Team or Erin	Meeting	At the end of eventor soon after

RACI if Applicable

	User Departments	Business Analysis/ Applications Development	Operations Acceptance/ QA	Service Management/ Change Control	Service Delivery	Capacity Planning
Define business requirements roadmap	AR	C				1
Define IT strategy roadmap	С	AR	C	С	C	С
Define IT release calendar	С	AR	1	С	С	С
Aggregate business & technical development requests	С	AR	1	С	1	С
Prioritise requirements and schedule to target release	С	AR	1	С	_	С
Define specific components for next release	С	AR	-	С	_	С
Develop release components	_	AR		I		
Complete unit test/ system testing	_	Α	R	1		
Assemble target release components	_		AR	С	С	С
Confirm QA requirements met	С		R	Α		
Confirm Operations Acceptance criteria met	1	1	R	A	1	
Authorise risk and contingency arrangements	C	C C	R	Α	C C	1
Define implementation plan	С		R	Α		_
Authorise GO/ NO GO decision	С	С	С	AR	С	С
Execute implementation	_	С	С	Α	R	
Manage post-implementation				Α	R	R
Complete post-implementation review	C	С	С	AR	С	С
Confirm business value realised for release	AR					
Deliver service within service level agreements	С			1	AR	

RACI

- We Must know who is Accountable
- We Need to know who is Responsible and When
 - √ What process am I supporting when? What hat to ware when (Responsible)



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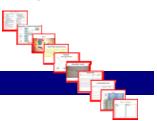
Metrics Plan

What	How to Measure	Target or Direction
Cycle time to resolve incidents (at the end of incident management). E.g.	Ticket time stamp in CRM from open to closed	Target: 80% closed within 1 hr ~100% tickets closed in 24 hrs
# of knowledgebase updates (submissions) to problem management	Capture baseline and count after that	Increased
# of incidents resolved by knowledge base	Low-tech solutions	Increased
# of tickets updated within 2 hrs by Nth level support	In CRM	Increase, Target 100%
# of tickets assigned to team lead or delegate	In CRM	Target: within 30 mins for 100%
# of tickets assigned to group queue for incidents reported to the Helpdesk	In CRM?	Target: within 15 minutes for 100%
# of customers responded to by Helpdesk within 30 minutes for all intake (phone, voicemail, email)	From survey	Target: 100%

BPT Report Out Scope Review viagro iviag - Problem & incluent n. Tools Wish List Tool populates all task for standard change · Tool auto-populates user data . Tool has template of change request . Tool automatically asymptotic result in "As is" · Tool is simple: Team Consensus · Tool is faster . Team agreed upon the following concepts, assumptions, principles and why.... · We need to handle incidents this way because....we came to this conclusion why. Initial Problem Brainstorming · We cannot adapt this make onese meanwhile Fishbone Cause & Effect/ Brainstorm Future State - picture Action Plan Return on Effort Communication Plan · KPI's Identification of work products that demonstrate the execution of the best practices. - Reporting and communication of work products Metrics a trend toward improvement - Identification of how to collect metrics RACI - Reporting and communications of metrics Event Feedback Report Gain Preparing Plus + Deltas A **Assess Facilitation** Acceptance **Breakouts** Out © Microsoft, Presented in Partnership with ITSM Academy 40

BPT Breakout Session Report Out





- Consensus on a Shared Need (Scope)
- Consensus on a Vision for Success (Scope Review)
 - ✓ Modification or adoption of Scope and Objective worksheet
- Consensus on Current Process
 - √ "As Is" Macro diagrams
 - √ "As Is" Rommler Brache diagrams
- Consensus on Goal of Current Process
 - ✓ Introduction of best practice definitions (ITIL/Industry)
- Consensus on Responsibility(s) of Current Process
 - ✓ RACI diagram

Report Out

BPT Breakout Session Report Out



- Identification of Value-add and Wasted Efforts
 - ✓ Maximize value
 - ✓ Reduce the 8 aspects of waste
- Consensus on "Should" or "To Be" Diagram
- Consensus on Good Practices in Need of Adoption
 - ✓ Introduction of good practices at the activity level
- Consensus on Actions Required to Adopt Good Practices
 - ✓ Codification of actions required to incorporate and sustain good practices
- Consensus on KPIs and Metrics
 - ✓ Identification of business analyst for collection of metrics

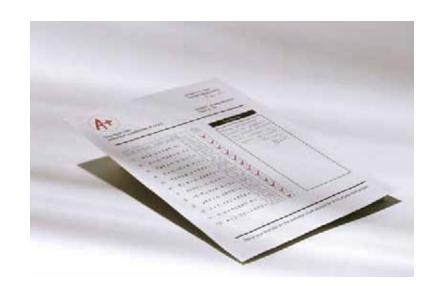
Leadership Report



- Each Day of the Breakout Session Should End with a Report to the Sponsoring Leadership
 - ✓ Cover the agenda items that were completed
 - ✓ Highlight and conceptual challenges the team may have had
 - ✓ Cover the scope review exercise, clarification of definitions, points of confusion
 - ✓ Cover all of the work products created by the team
 - Diagrams, issues list, etc
 - ✓ MOST IMPORTANT cover any and all issues around managing the expectations of the leadership team
 - Reset or re-negotiate expectations as necessary
 - ✓ Cover the end of day report at the beginning of the next team breakout session

Leadership Report

- Report to Team any Leadership Feedback
- Cover with Team the Work Products Already Developed
 - √ Validate the "As Is" process map
 - √ Validate the "To Be" process map
 - √ Validate issues identified
 - √ Validate RCA's completed



Return on Effort

KPI's

- ✓ Identification of work products that demonstrate the execution of the best practices.
- ✓ Reporting and communication of work products

Metrics

- ✓ Identification of measurements that demonstrate a trend toward improvement
- ✓ Identification of how to collect metrics
- ✓ Reporting and communications of metrics



ITSM Academy Affiliates



















