

October 1, 2013



Managing Change in Microbiology:



Leading Your Team to Cut Costs, Consolidate Testing and Implement Automation

Anne R Beall

Sr. Manager Workflow Optimization
BioMerieux, Inc



Objectives

- Determine if your organization is prime for change
- Establish a vision that is better than the now
- Develop a plan and take the first step towards your goal
- Manage resistance change



Technology is poised today to change the landscape of clinical microbiology laboratories





All those involved in delivering clinical microbiology results have to keep up with technology





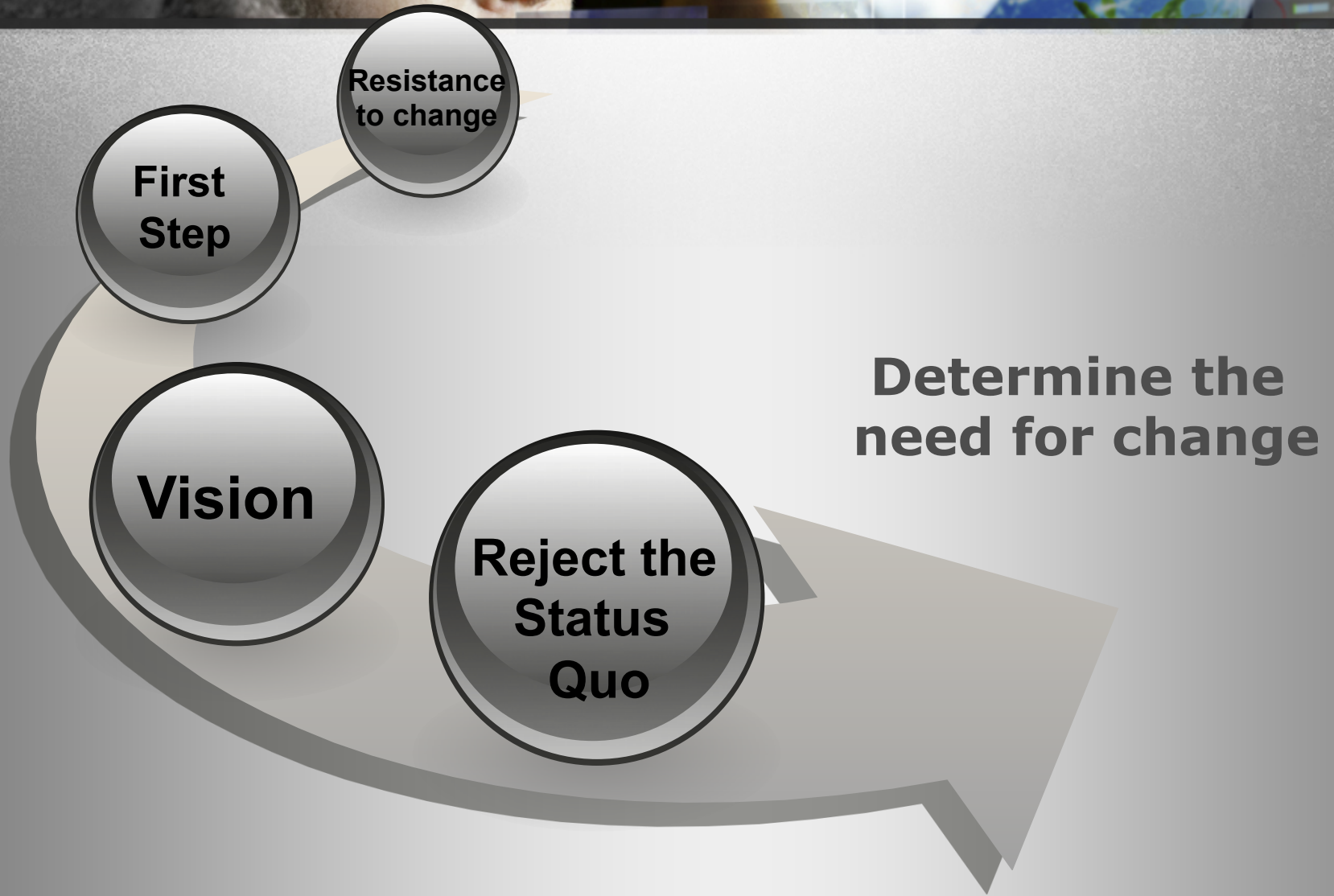
Today's market is rapidly growing and offers many choices





Making the right decision for your laboratory







Status Quo

- Microbiology has not changed in decades
- Microbiology has been and still is in the CAVE
- Technology in Micro is just beginning where Chemistry was 30 years ago



Early Microbiologists

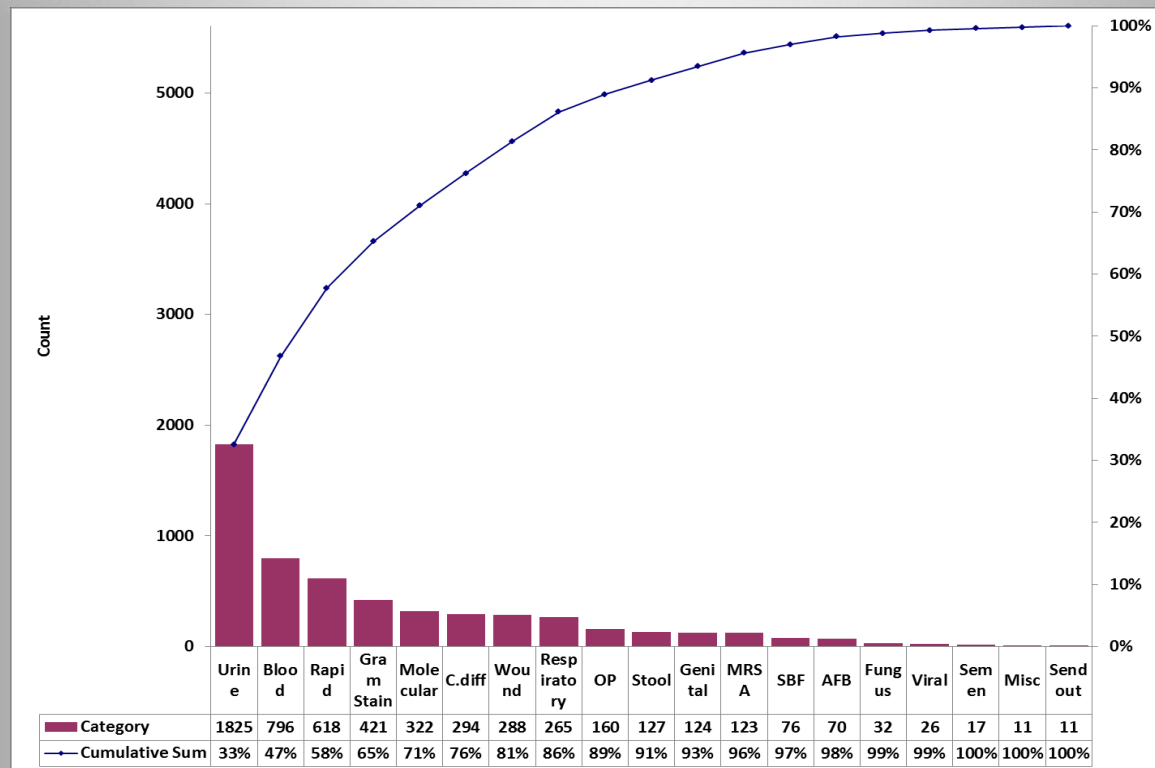


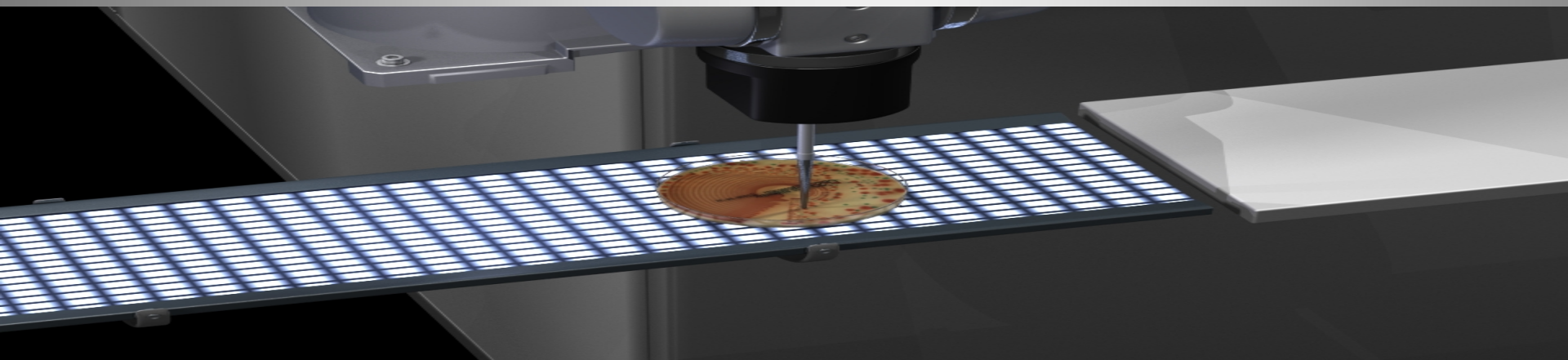
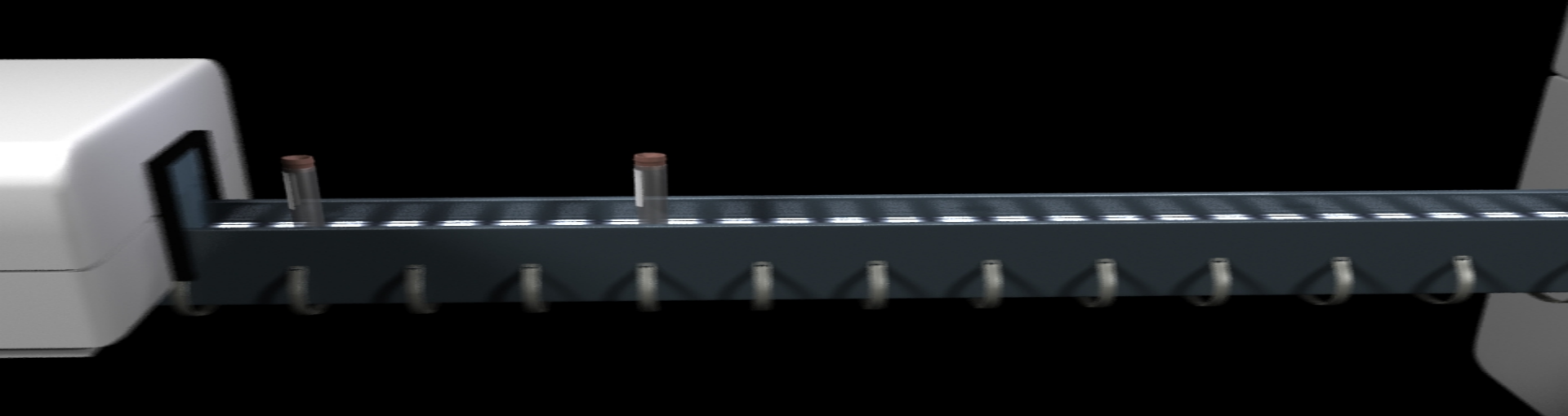
Is the Status Quo still working for you?

- Are physicians asking for more rapid results?
- Is administration looking to cut cost?
- Is your microbiology still mostly a day shift operation?
- Where are the skilled technologists?



Microbiology testing profile

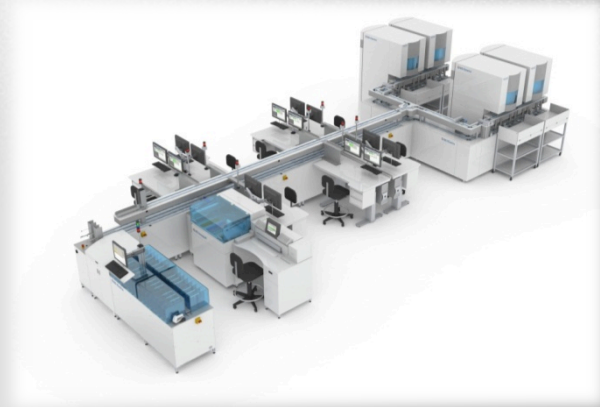






The WOW! Factor

- All that glitters is not gold!
 - Dazzled? It may look futuristic
- Affordable?
 - To acquire, operate and maintain
- Intimidating?
 - Is it really (human) touch-free
- Complex?
 - Will you need to retain and redeploy staff
- Space?
 - With lab consolidation trends, space limitation & renovation costs what is feasible?





Transformation of specimen to result

- Is it total automation or a combination of human touch and automation?

What is being automated?





What tasks are your automating?



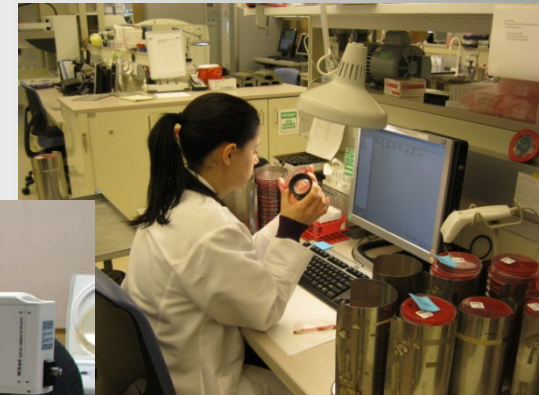
How much incremental time do you gain?

* May or may not meet lean definition of Value Added task



Are cognitive decision making still required?

- Microbiology is highly complex
 - test
 - process
 - results





What drives your vision?

- Centralize or decentralize testing?
- Volume vs. rapid results
- What are the benefits?
- How does it impact your labor resource?
- What is the right fit for your laboratory?



Setting Clear Goals and Objectives

- Deciding what it is you want?

Specific

Measurable

Attainable

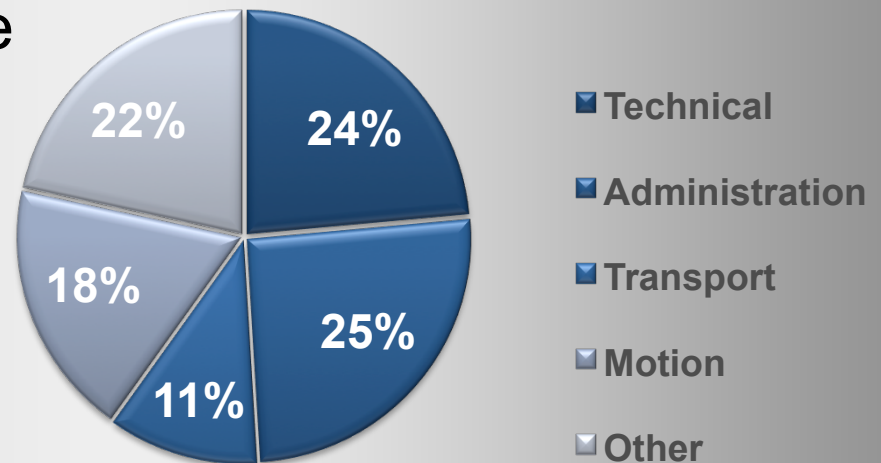
Relevant

Time Bound



Understand your current state



- How are your resources being utilized?
- Perception vs. Reality
 - For every paid hour there is 15 minutes of actual technical work done



Data collected across 25 labs



Current Process – within the laboratory

 Current Required Task*  Potential Waste



* May or may not meet lean definition of Value Added task



Current State Tasks – Required Tasks



* May or may not meet lean definition of Value Added task



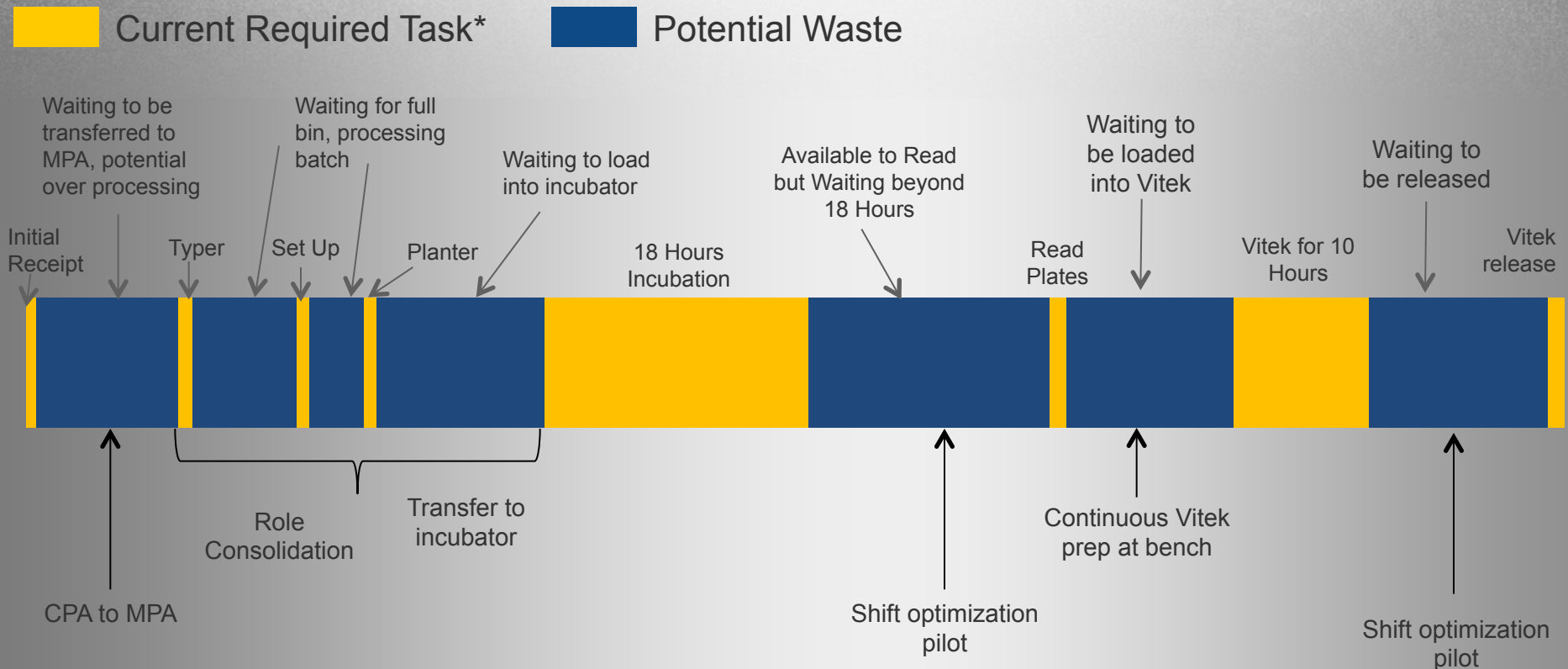
Current State Tasks – Potential Waste



* May or may not meet lean definition of Value Added task



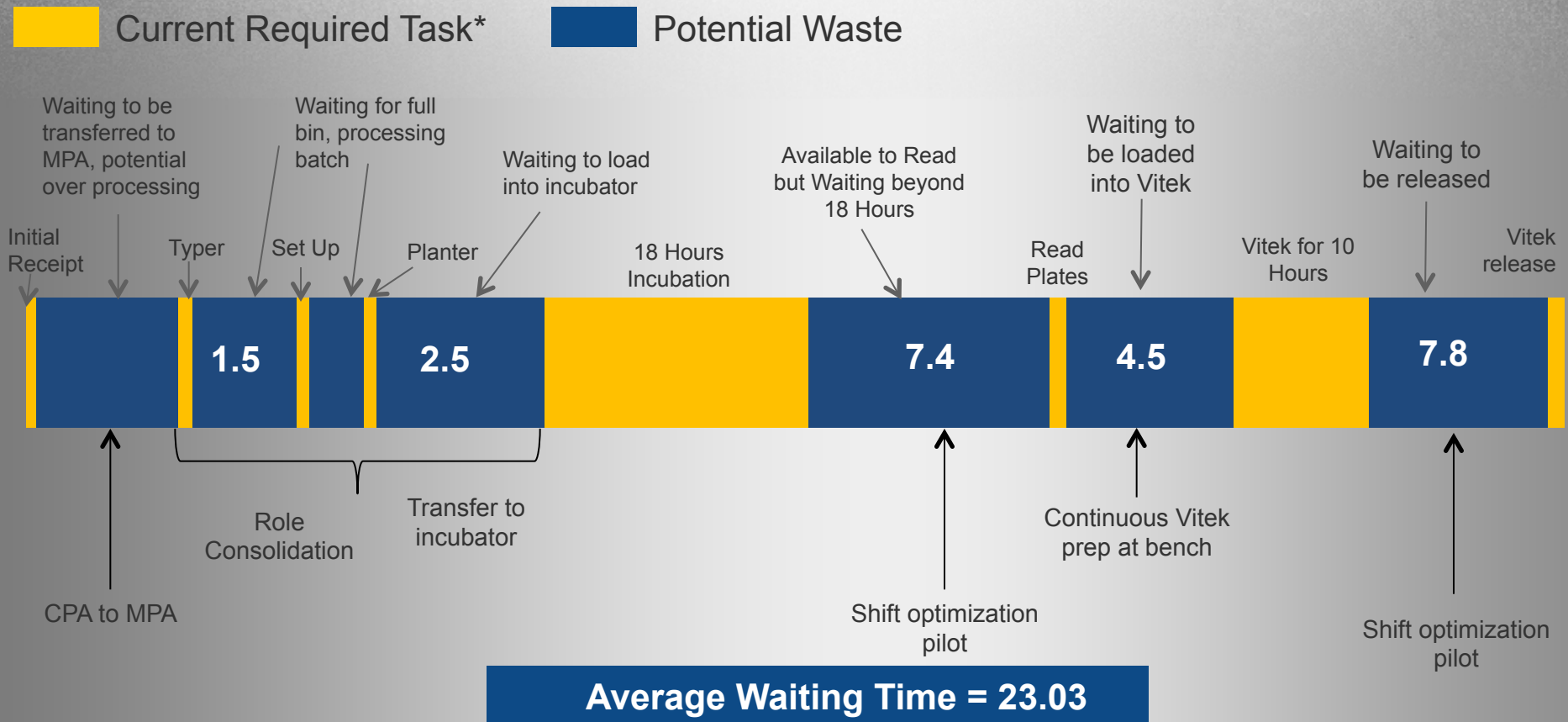
TAT Improvement Opportunities



* May or may not meet lean definition of Value Added task



Quantifying TAT Improvement Opportunities



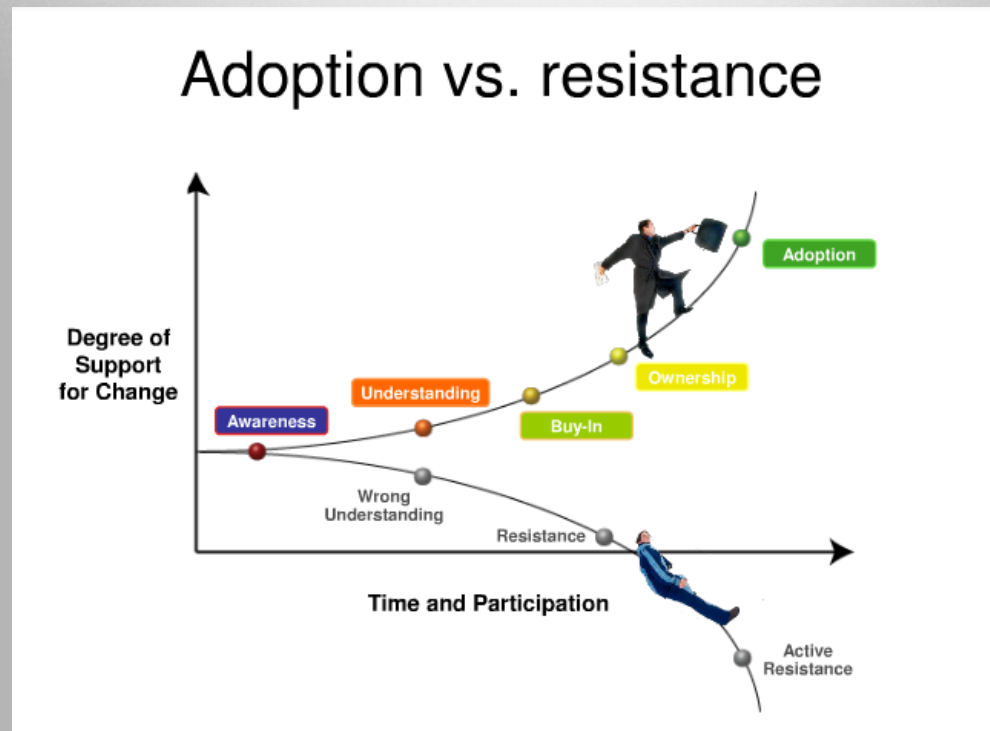


What is the cost of waiting?

- Competitive advantage
- Direct impact on health cost bottom line
- Staffing cost
- Resource allocation
- Patient outcomes



How do you implement it in your laboratory?



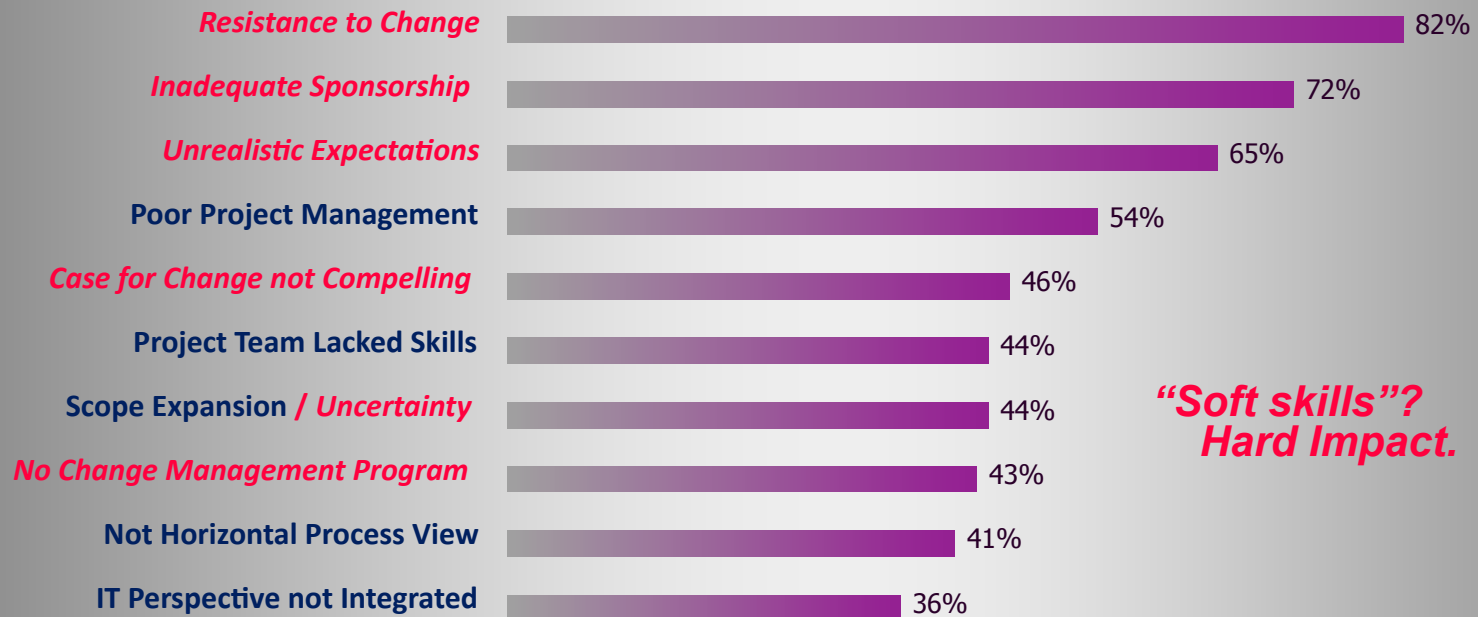
- People: The limiting factor of *Change*



Resistance to change is a significant barrier to realizing results and savings

When pursuing transformations, organizations rarely realize the benefits or retain the value they anticipated. While there are many reasons for this, the following survey of CEO's shows that 5 out of the top 10 business transformation showstoppers are 'people and organizational' issues.

Top 10 Barriers to Success



***"Soft skills"?
Hard Impact.***

PERCENT OF FIRMS

"Source: Deloitte & Touché Survey of CEO's regarding Business Transformation: Top 10 Barriers to Success, 2004."



Top 5 keys to success for managing change

- Who will implement – the right team
- Communication - is key
- Create urgency – Why are we doing this?
- Develop a strategy and action plan
 - People in the organization have to own this
- Facilitate – remove obstacles



Where do you go from here?





New Technology is enticing all of us



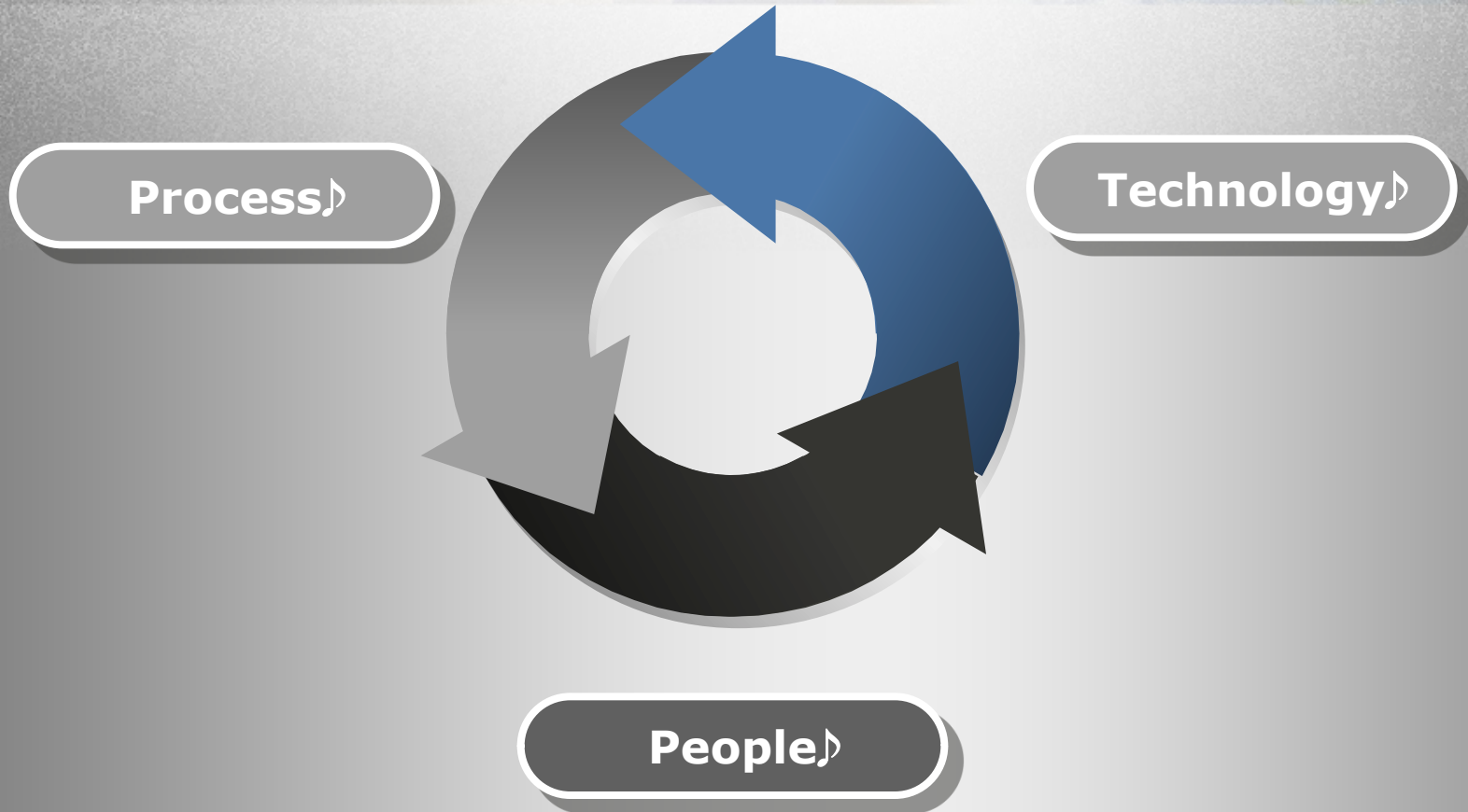


Determine the need for change, identify what needs to change, and implement with success

- Decide to no longer accept the status quo
- Vision – have a clear picture of your future
- First Step – create a plan and move forward

 Overcome Resistance to Change

$$D + V + FS > R$$



Process, People, Technology define your future



Execute

- Know where your are
- Plan where you are going
- Take the first step to get there







Thank You!

Questions?