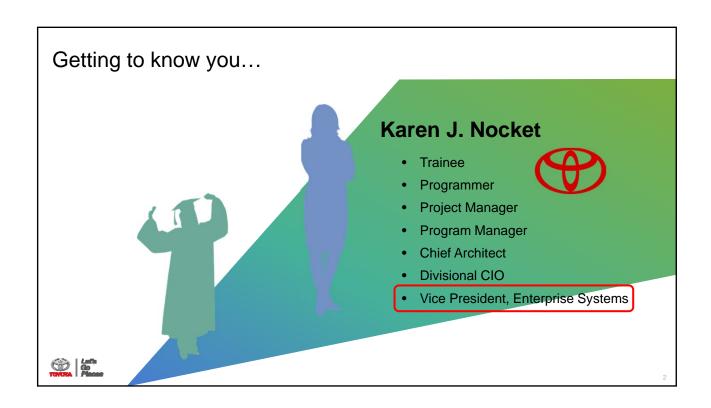


### Project Management at Toyota Motors North America

Karen Nocket

Vice President - Enterprise Services



A few of my favorite things...

**Mentoring** Encouraging people to stretch past their limitations

IT and business strategies Answering business needs with IT delivery

Running large programs

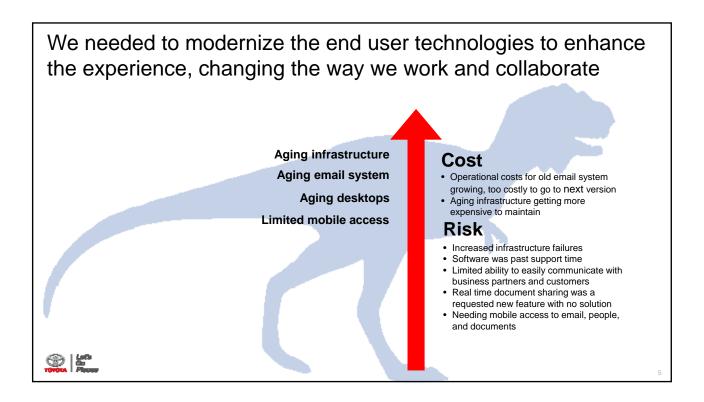
Setting up successful large programs & Turning around struggling programs

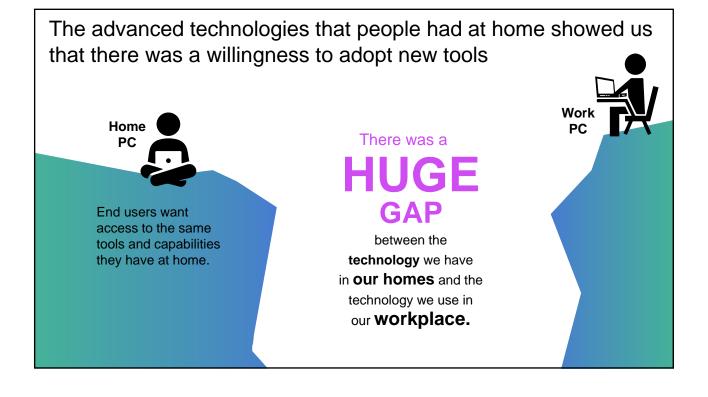
Building high-performing teams Optimizing the power of "Team" and "Fun"



Let's Go TOYOTA Places

PM Case Study 1: Workplace of the Future WOF





The WOF program took on these challenges and drove the transformation of business collaboration capabilities

Aging infrastructure Aging email system 45,000

Mailboxes migrated to the Microsoft cloud

25 NAA PC's

upgraded

17,000

**New mobile** devices issued

150 +

Servers retired





To be successful, the team had to manage a complex, large scale project whose scope was North America and Europe



- People don't like change
- · People wanted cool stuff
- Distrust of large projects
- · Disruption to work environment



#### **Risk Management**

- Heavy dependency on the vendor
- · Cloud, what is a cloud?
- Many unknowns and questions
- Cycle of repeated issues



#### **Timeline**

- · Competing with multiple projects
- North America wide roll-out
- Many different groups needed to be communicated, organized and involved





**KN1** Karen Nocket, 8/9/2016

## Changing the way people worked and collaborated required a well orchestrated stakeholder engagement and marketing plan



- Branded the program with a mascot
- Aggressive marketing campaign
- Consistent, continuous communication
- Special attention to key users
- Identified and collaborated with over 40 "Champions" from the business



@ <u>#</u>

Aggressive attention to risk management was done on a daily and weekly basis to remove blockers

- PM's managed the risk log daily thank team members for communicating risks
- Maintained a vendor Q&A log
- Published a weekly program status
- Held weekly PMO meetings
- Decision large risks in a monthly Executive Steering Committee meeting
- Attention to removing barriers constantly

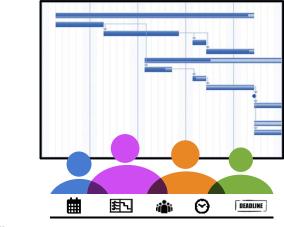




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Preparing and publishing an actionable plan ensured all the right activities and people were lined up to deliver as promised



- Built roll-out schedule around "Champion" feedback on business priorities
- Dedicated a client release manager and migration analyst
- Used a Microsoft Project master schedule for workstream visibility
- Use of a consolidated, easy to read Dashboard to keep everyone on track

### WOF program key Lessons Learned

Communicated, communicated, communicated

Organized complex activities into manageable workstreams

Ensured the process was transparent and communicated

Enlisted early adopters to build excitement and to help manage deployment risk

Dedication of a client release manager and migration analyst was essential

Built a comprehensive plan and made it visible, on the wall

Invested in "champions" and high-impact stakeholder relationships

Marketing the project with a mascot helped awareness and added a little fun

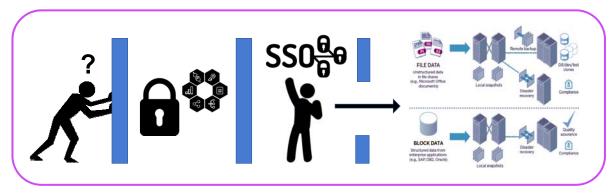






## PM Case Study 2: Toyota Enterprise Security System TESS

The infrastructure to support secured access to applications and data is very complex and was critical to be working all the time

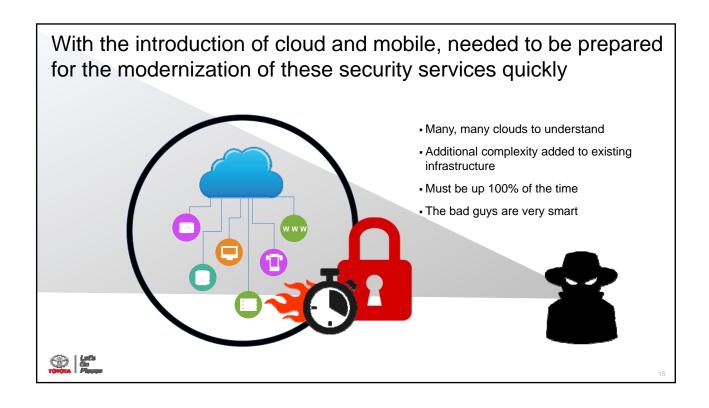


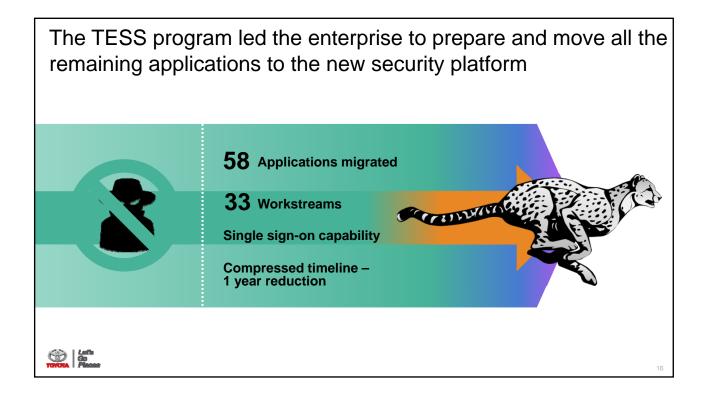
- Very complicated and hard to support
- Infrastructure ages quickly

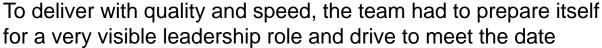
- Security services can be outdated quickly
- Highly technical people required

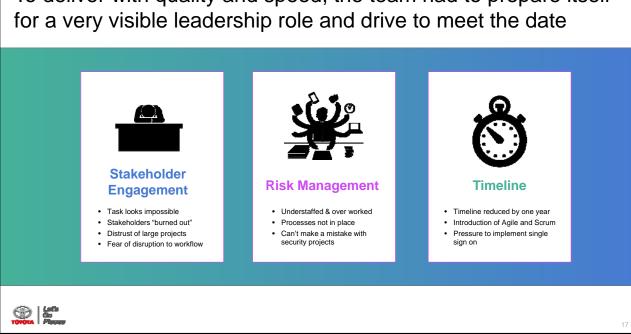


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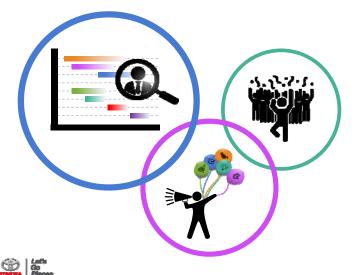








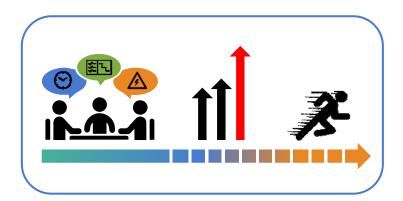
There was great preparation to engage and hold the stakeholders accountable to the mission yet keep if fun and interesting



- Highly engaged and involved leadership approach
- Clear accountability and roles / responsibilities
- Excel at communication and collaboration across organization
- Weekly dashboards and status
- Celebrations when milestones achieved

Since the risks were great and important to solve, a process for escalation was put in place to better decision and manage

- Risk management process communicated
- Weekly review and documentation of risks and decisions
- Weekly escalation meeting so risks did not linger -and- no one person could hold the project hostage
- Very visible Executive Support







The stretch goal was given to the team to reduce the project time line (2 years to 1 year) gave urgency and a common goal Pre-Planning workshops established a sense of urgency Streamlined decision making process Fast-tracked timeline – moved from Waterfall to Agile Weekly meeting cadence 

#### TESS program key <u>Lessons Learned</u>

Set aggressive timelines

Build in recovery periods for the staff and keep them motivated / excited

Identify critical resources earlier, Plan for extra capacity well in advance

Validate environment builds quickly and complete quality checks at every stage

Watch for 're-decisions' with people stopping the progress because they don't like a decision

Be aware of impact on external stakeholders and create check points

Rehearse the migration work - moving forward and backward

"It was the hardest project I have ever done, yet it was the most fun I ever had!"



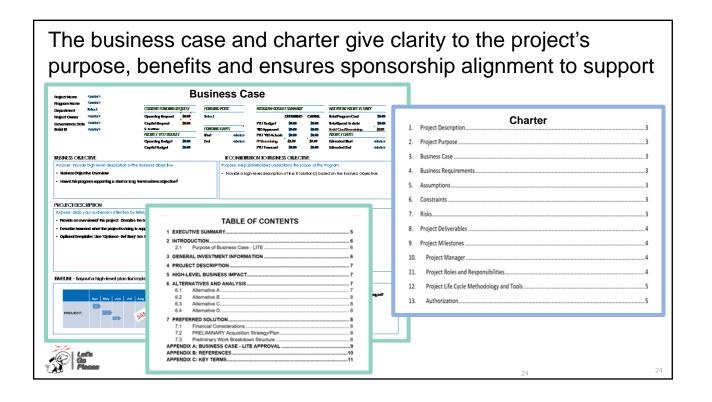
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### **Project Management**

The Secrets to our Success





# Completing a stakeholder analysis early in the standup of a project ensures good steering and governance to share the risk

Group	Membership	Objective	Engagement
Program Management Office	3 key IT Executives	Operational program management and decisions, sponsors teamwork and fun	Weekly meeting Status report and Dashboard
North American IT Leadership	3 CIOs	Overall program oversight and decisions, remove blocking risks	Monthly meeting Dashboard & prepared presentation General communication campaign
Executive Leadership Steering Committee	Business and IT Executives	Program guidance, information sharing, advocacy	Monthly meeting Prepared presentation General communication campaign
Business Champions Steering Committee	Business and IT Champions (at least one per department)	Department-level communications, upgrade and migration scheduling, general facilitation and feedback; Strong voice back to the business	Monthly meeting / bi-weekly during migrations Dashboard and Knowledge documents General communication campaign
Early Adopters	Business and IT Champions	Process development and improvement, software testing and validation	Weekly meeting with some breaks Dashboard and Knowledge documents General communication campaign

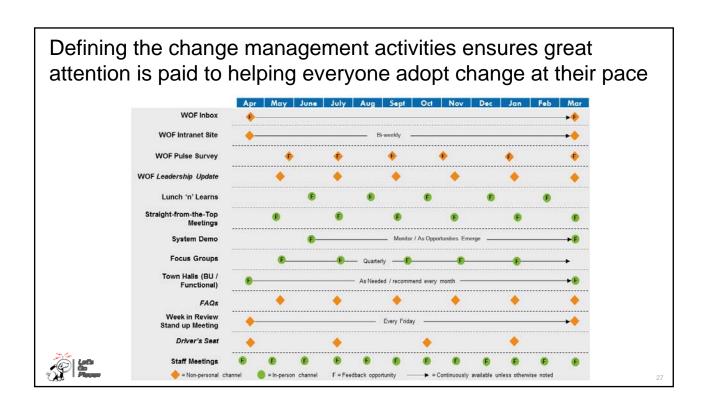


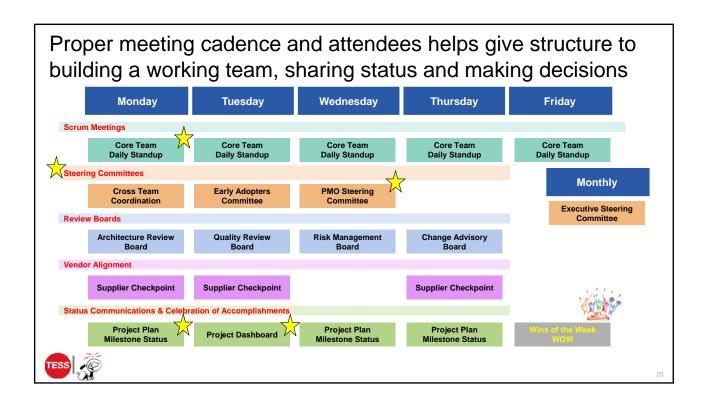
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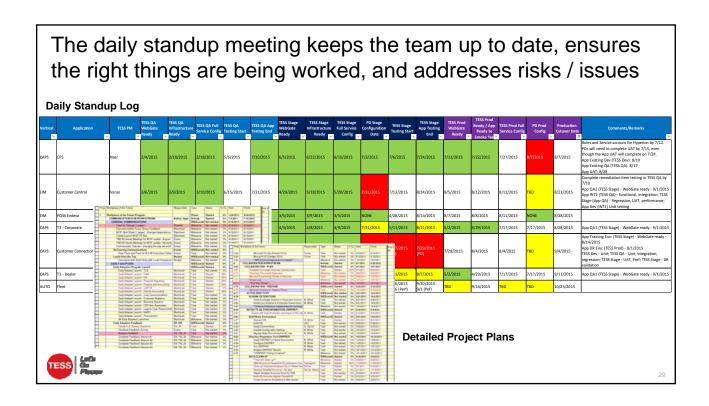
# Assigning risk and impact to the stakeholder list allows direct and purposeful communication and increases support and buy in

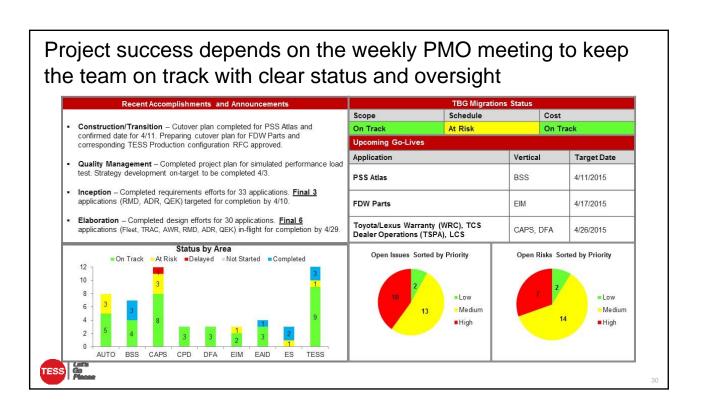
Key Stakeholder Groups	Sub Teams or In	dividuals Overall F		Risk	Impact	Current Adoption Level	Future Adoption Level	
	Business Partnering Groups		Low		Medium	Unaware	Adoption	
	Diversity & Inclusion		Low		Medium	Unaware	Adoption	
Forder Advantures	Vertical SMEs	SMEs		n	Medium	Awareness	Adoption	
Early Adopters	Power Users		High		Medium	Unaware	Adoption	
	UoT Management		High		Medium	Buy-in	Ownership	
	UoT Lab Tutors / Trainers		High		High	Buy-in	Ownership	
	Executives		High		Medium	Awareness	Ownership	
	Employees	B 12	Madiu	,	Madium	Unaware	Adoption	
Business Sales and	Business Champions	Rating Le						
Manufacturing	Exception Groups	Overall F						
Manuracturing	Legal			Project success is at minimal risk if stakeholder does not reach future adoption level.				
	HR			Project success is at some risk if stakeholder does not reach future adoption level.				
	Field Users			Project success depends on stakeholder reaching future adoption level.				
	Executives	Impact Levels:				,		
	Employees				There will be minimal impact to people and/or business operations.			
<b>Business Finance</b>	Business Champions				There will be moderate impact to people and/or business operations.			
	Exception Groups	•		There will be <b>significant impact</b> to people and/or business operations.				
	Service Desk	Adoption						
	Leadership	Unaware		Stakeholder group is <b>unaware</b> of project goals and activities.				
	CIOs		Awareness	Stakeholder group is <b>aware</b> of project goals and activities.				
	Employees			Stakeholder group <b>understands</b> project goals and activities.				
	Contracted Workers			Stakeholder group decides to <b>accept</b> the change.				
Information Technology	Application Owners	Adoption		Stakeholder group <b>changes their behavior</b> to meet project goals.				
	Service Desk	Ownership		Stakeholder is critical to the success of one or more areas of the project and will serve a				
	WOF Project Team			source of leadership, direction, decision-making, and/or deliverable review/approval.				
	Microsoft Account Te	Team			Medium	Ownership	Ownership	
	Communications		High		High	Awareness	Ownership	











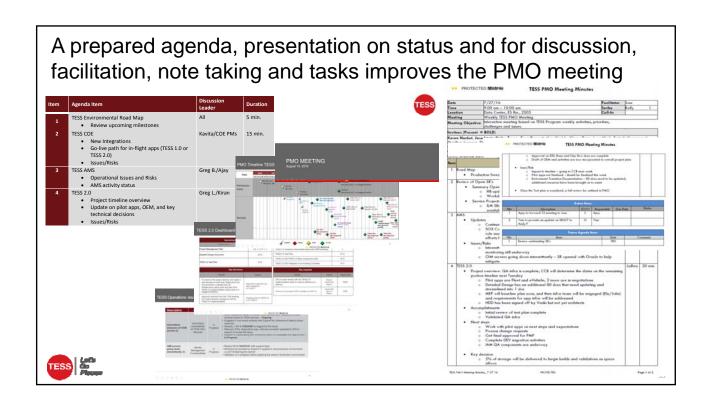
## The most important area to address in the PMO meeting are the risk and issues – actively remove the blockers for success

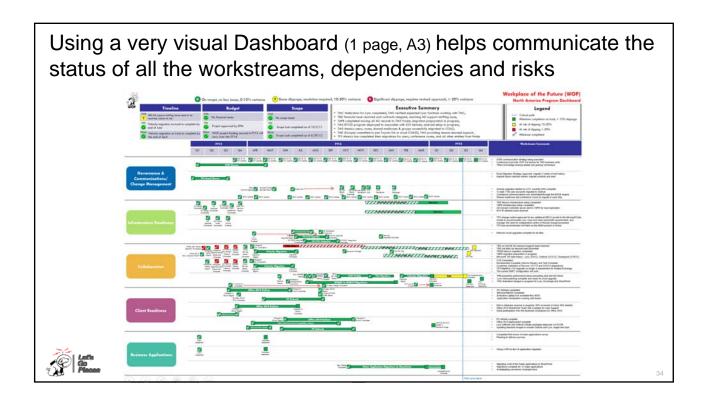
			Highlighted Issues			
I. ID	Title	Impact	Action Plan for Issue Resolution	Due Date	Vertical	Escalation
71	Dealer integration with T3 not confirmed	Impact to the T3 I&E and C&T milestones, cost. TBG retirement may be delayed if no resolved.	TESS Product Management to finalize the recommended options with EA, EISP, T3 and TESS. Cindy to escalate with Karen and Ned if there is no decision on recommended options by 4/2.	4/2	CAPS	Level 2
104	Customer Connection integration delayed due to WebGate integration issues with Siebel and ABC 32 bit	Customer Connection is prevented from moving forward with testing.	Product pointed to WebGate installer bug. Manish to execute the recommended steps in the bug resolution. In parallel, TESS to schedule on 3/31. Umesh working with product replacement.	3/31	CAPS	Level 1
146	PD, TCI, TEMA password management not confirmed for key use cases (T3 reauthentication and mobile applications)	XXs may not be able to access CPS Mobi and CR Mobile applications. Additionally, affiliates and XXs may not be able to obtain sensitive information from T3.	authentication and T3 re-auth. EA (Rai) to schedule working session	4/10	CAPS	Level 1
			Highlighted Risks		ä	
R. ID	Title	Impact	Next Steps for Risk Mitigation	Due Date	Vertical	Escalatio
172	ABC v2 Web Server version may not meet EISP security requirements	ABC version replacement/patch deploymer may impact the timeline and cost for all TBC migration applications		4/3	All	None
178	Federation linking attribute for XXs not fully implemented	Toyota/Lexus Warranty (WRC) Go-Live dat may be impacted.	e TESS to review project to quickly implement in time to support ToyotarLevs Go-Live. Assessment expected within TESS by 4/1 and confirm whether it can be implemented before Go-Live.	4/17	CAPS	None
130	TESS Production performance not fully validated against TBG metrics	Pending decision and approach related to joint Simulated and joint performance tests will be conducted in the TESS performance testing may impact the production Stage environment. TESS OM leading simulated test planning. IS readiness and Go-Lives of the migration TCoE leading joint test planning T3, 1DD and CPS potential applications, resulting in roll backs.		4/30	All	Level 1
			Key Decisions			
D. ID	Title	Im	pact		Approved by	Date
92	TESS will be responsible for role-linking roles	with migration approles Ap	plication timeline risk mitigated as the requirement supported by TESS.		TESS Product Management	3/20

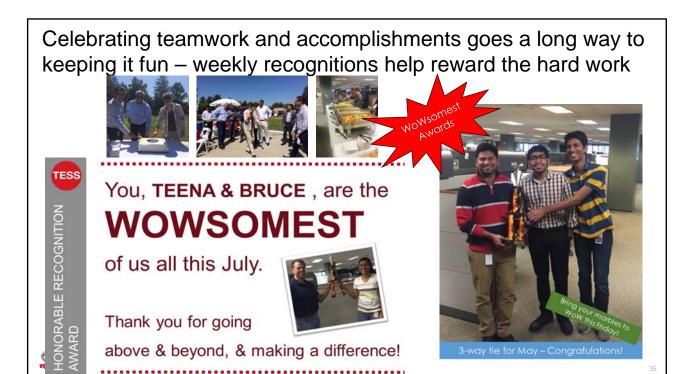
TESS Con

A common framework that visually shows status of deliverables and activities helps keep the consistency high and team focused









### Project Management key *Lessons Learned*

Properly staff the project, key players are the Product and Program manager

Spend the time to identify all the Stakeholders, proactively manage those relationships

Establish the proper (clear purpose) meetings, the weekly PMO and monthly Steering are important

Manage the project plans, risks and budget very professionally

Pay attention to Change Management to ensure support and readiness

Communicate, Communicate and then Communicate some more

Develop and care for the Team, spend the time to build a high performing Team

Celebrate often, inspire fun and be a Cheerleader



36

