



PM Networks and Infrastructure

PMM170

Ken Beutel





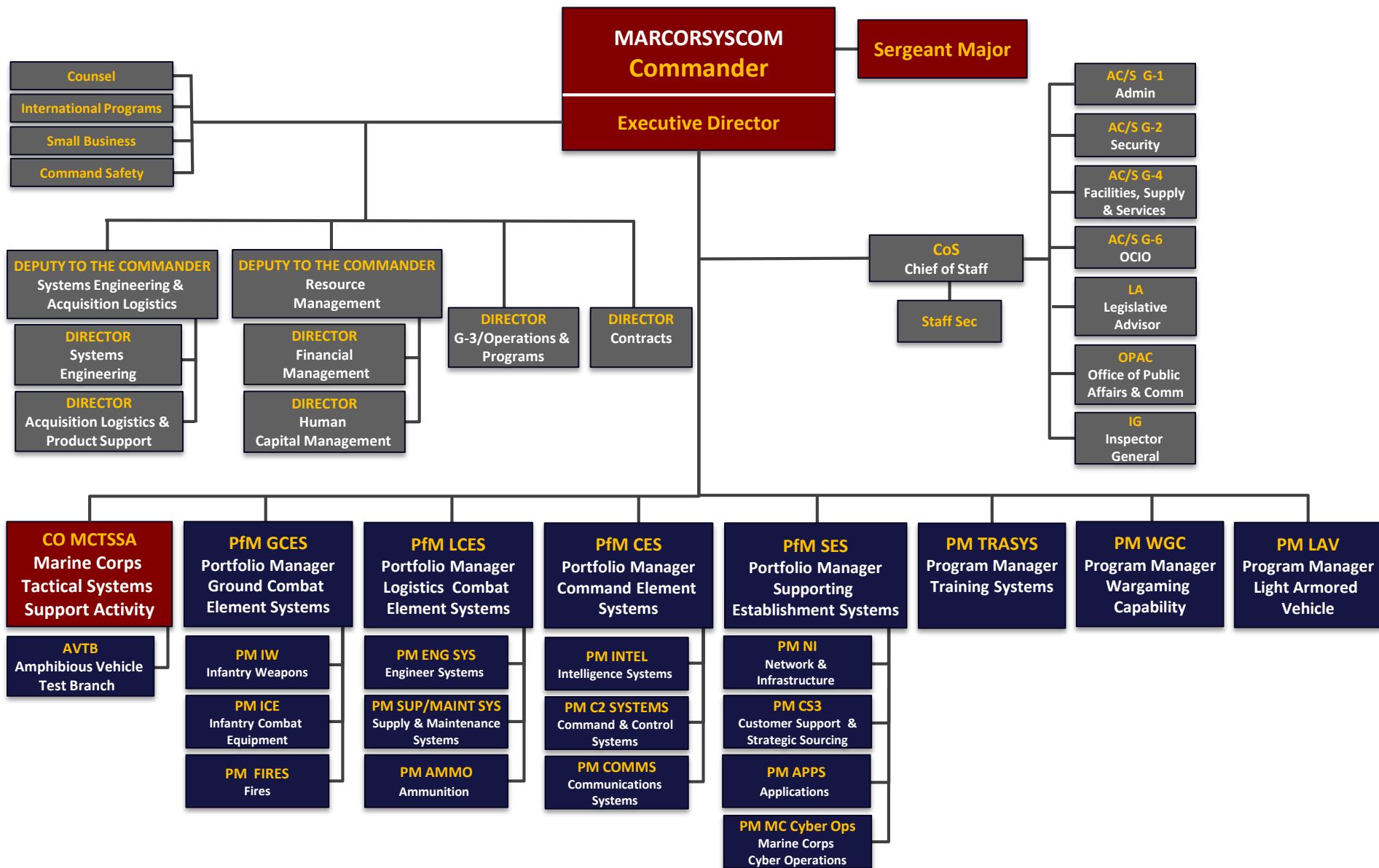
- Acquisition Velocity
- Service Towers
- Key Initiatives and Discussion

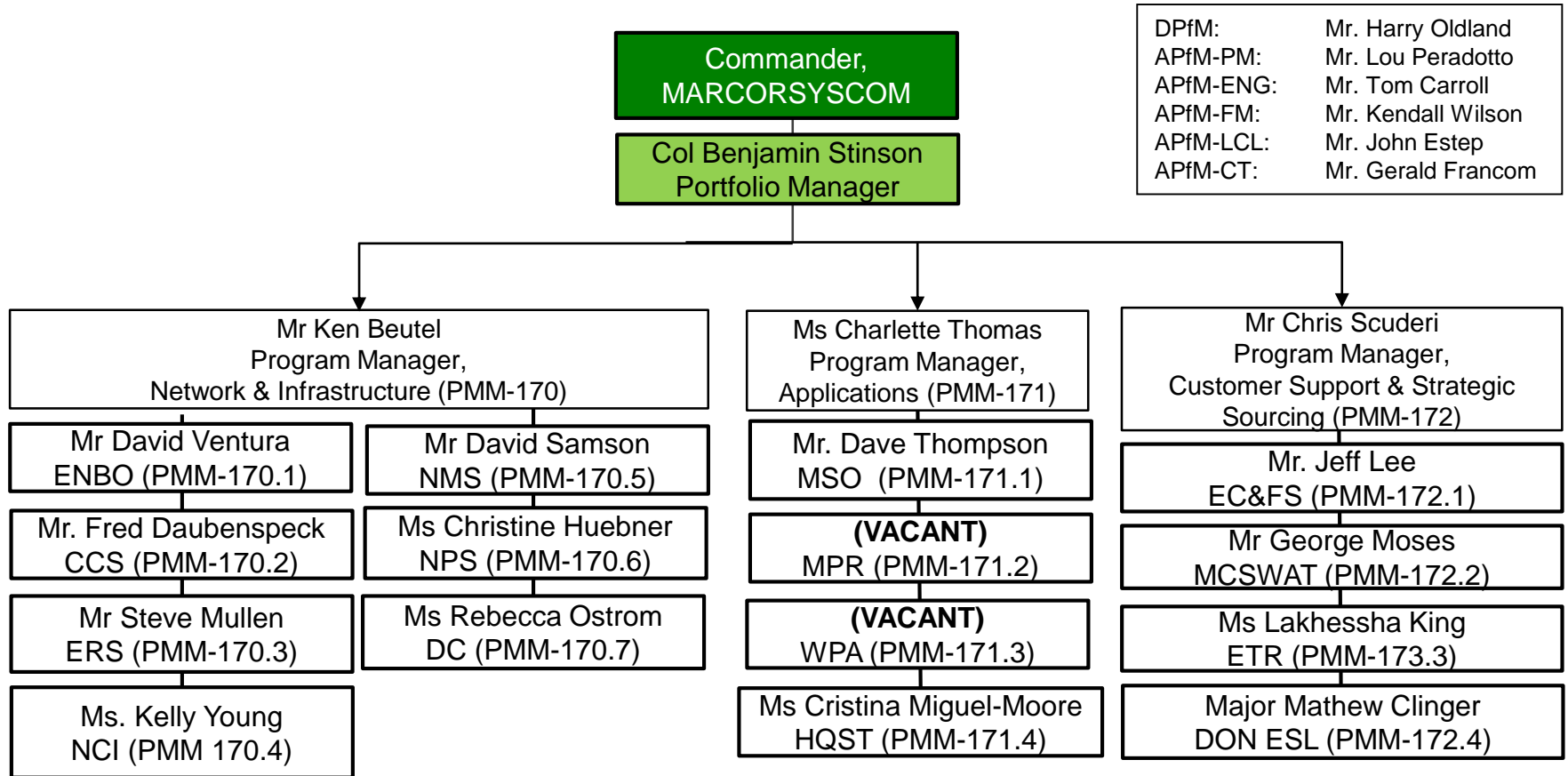


MARINE CORPS SYSTEMS COMMAND

Equipping our MARINES

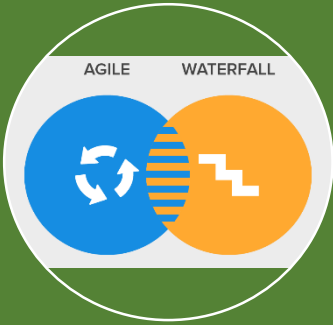
Organization Chart





DPfM:	Mr. Harry Oldland
APfM-PM:	Mr. Lou Peradotto
APfM-ENG:	Mr. Tom Carroll
APfM-FM:	Mr. Kendall Wilson
APfM-LCL:	Mr. John Estep
APfM-CT:	Mr. Gerald Francom

Mission Statement:
 Deliver high quality Information Technology solutions in a timely, efficient, and effective manner.



Agile

Quickly Deliver
"Minimum Viable
Capability"



MCEN Digital Twin

Evolve MCEN Planning
Yard



Stakeholder Engagement

Roles & Responsibilities
Transparency



Data/Tools: AI & ML

Make better, faster
decisions

Strategy Pillars are interdependent

Vision: The preferred IT procurement agent for the Marine Corps



PM Network and Infrastructure (PMM170)

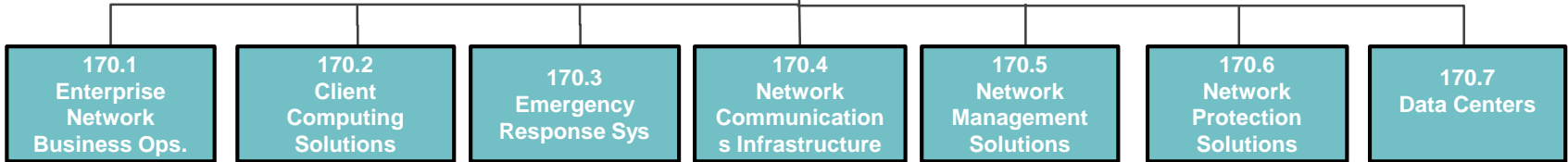


Mr. Ken Beutel
Program Manager

SSC-LANT Embed: Mr. Matt Schippmann
SSC-PAC Embed: Mr. Nick Roussel
NSWC-Corona Embed: Mr. Joe Vinso

DPM (170.0-1): Ms. Amy Rideout
ISSM: Mr. Don Marrow
MPT: Ms. Pat Sullivan
Ctr Ops: Mr. George Holguin
Ctr Admin: Ms. Linda Schamus

APM-CT (170.0-2): Ms. Tarasia Remhof
APM-PM (170.0-3): Mr. Mark Corzine
APM-LCL (170.0-4): Mr. Mike Berry
APM-EN (170.0-5): Mr. Mark Jackson
APM-FM (170.0-6): Mr. Daniel Weissman



Mr. David Ventura

Mr. Fred Daubenspeck

Mr. Steve Mullen

Ms. Kelly Young

Mr. Dave Samson

Ms. Christine Huebner

Ms. Rebecca Ostrom

MCPC (BLI):

NGEN (4625)
SONIC (4630)

MCHS (4630)

CERS (4635)
E-LMR (4635)

BTI (4635)

MCEITS (4630)

IT Services:

IT Management

Client Computing

Emergency Services

Networks

Enterprise Management

Security and Compliance

Enterprise Systems

- Programs • NGEN
- /Projects: • SONIC
- MCPC Budget & Cost
- MCEN Infrastructure Requirements and Allocation
- PMO Scheduling
- MCEN WBS
- MCEN CM
- EEVE/SIL Mgmt
- Service Desk
- Crypto

- End User Devices
- EUDs
- MCEDS
- MCEDS Lite
- Enterprise Staging and Warehousing
- Win10
- MobiKey
- SCCM
- Support
- Mobility

- Land Mobile Radio
- CERS 1.0 (E911)
- CERS 2.0 (DAR)
- PSNET
- E-LMR 1.0 (Slice)
- Townsend Bombing Range
- 29 Palms Johnson Valley Expansion

- Network Infrastructure
- BAN
- DWDM
- WLAN/Wireless
- OLAN/GPON
- LAN/Ethernet (Q4FY18)
- MPLS
- VTC
- Voice Services

- Enterprise Management
- COP/SA (BDP)
- DDI
- EESD/SCCM
- NACCR
- EDMMT
- DCE
- VDI
- TPPU
- E-ITSM
- Remedy
- MEMS

- Cyber Defense
- ACAS
- HBSS
- JRSS/ESS
- AWL
- B1/B2 Transport Boundaries/DMZ
- Tactical Entry Point
- Firewalls
- DLP
- Forward Proxy Cache

- Application Hosting
- Enterprise/Regional Data Ctrs
- MCEITS 1.0
- MCEITS 2.0
- MCEITS 2.1 (ADTE)
- Ent Infrastructure Modernization (EIM)
- Storage
- Capacity as a Service

Mission Statement: Provide networks and infrastructure equipment to our Corps



- Centralized planning (PM Team)
 - Intent is to delegate PDA for all ACAT IV and below to PfM SES
 - PM level will shape programs and projects
 - Common approach and cross-team integration supports Engineering Changes, Integrated Logistics, and Change Control
- Decentralized execution (team towers and IPTs)
 - PM delegated execution authority to Team Leads (includes Risk, functional IPTs, solution development and market research)
 - Team Leads define projects and allocate resources to project leads



1. People: take care of people and the mission will follow
2. Transparency: our values, strategy and priorities need to be shared internally and externally
3. IT investment plan: defined to provide mission value and alignment with the USMC objective network strategy



- We have 7 funding sources (MCPCs) and 7 teams
 - Need a customer-focused way to organize
 - Identified a service-based approach to align projects
- All projects contribute to the MCEN
 - Need to coordinate across PfMs, PMs, Teams
 - Using a common engineering and logistics strategy to establish Configuration Management
 - Using service targets to build customer relationships and expectations
- Other Customer Funds is still a confusing scenario
- Long term goal of establishing better business patterns for MCEN



- Why?

Need to better align acquisition and procurement efforts from an enterprise standpoint... with multiple viewpoints.

- What is a Service Tower?

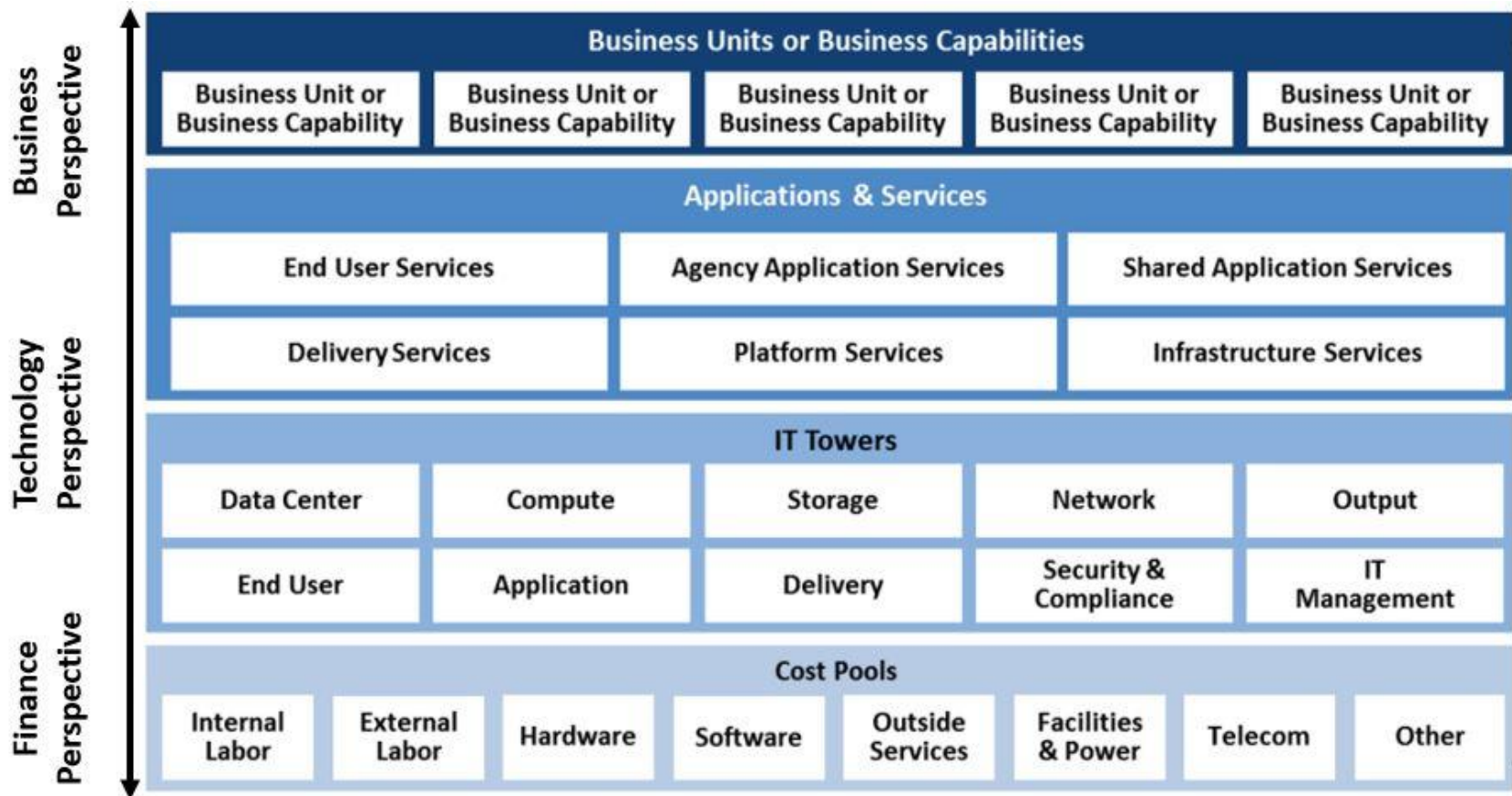
A collection of capabilities that provide an element of MCEN enterprise services (necessarily arbitrary and unique to our customers). All other viewpoints will be mapped from that perspective!

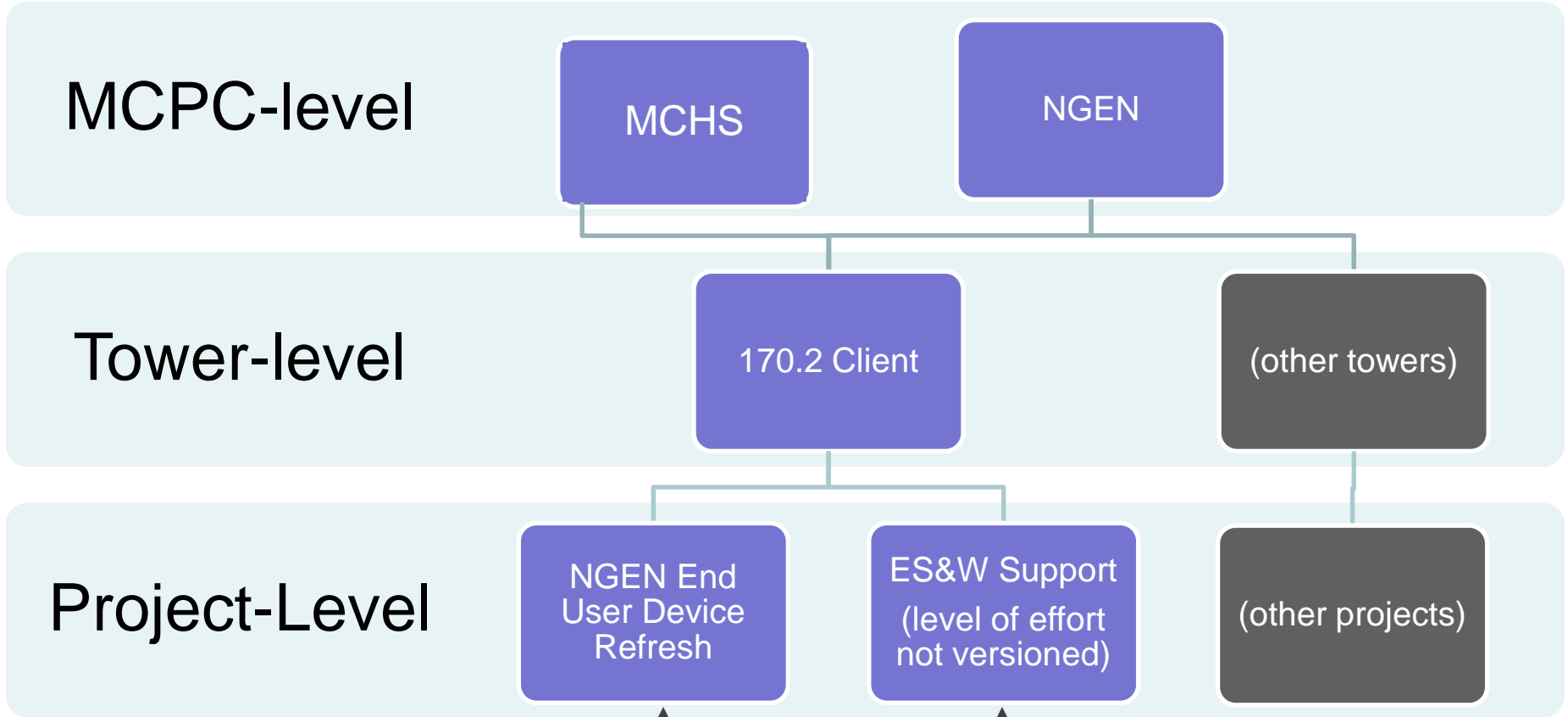
- What is the goal?

Define value for the MCEN ecosystem including agencies, procurement, and the customer community, that has a shared understanding of priorities and what happens when they change.



A decision-making discipline for maximizing the **business** value of IT spending. TBM blends financial transparency with service and product constructs to give **technology** leaders and their **business** partners the facts needed to collaborate on **business** objectives.

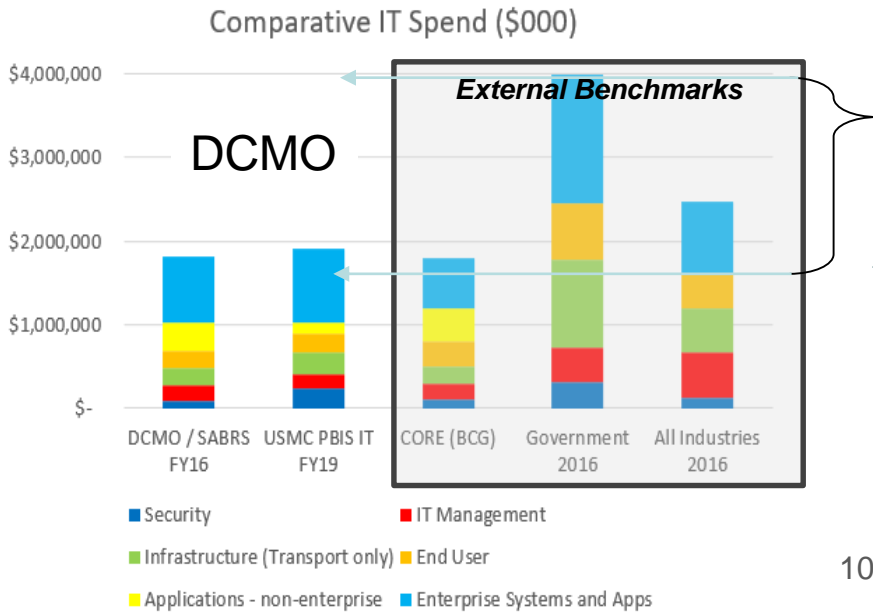




Each transaction will have all attributes from PfM Roadmap and appropriate Cost Pool



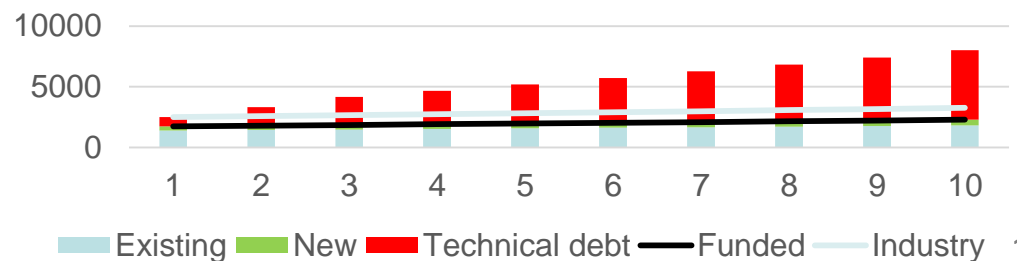
- Aligning Capital Planning and Investment Control (CPIC) to the TBM taxonomy
- IT leaders anticipate a multiyear adoption path
- TBM value requires active support by stakeholders
 - Example: Long-term under-funding creates technical debt, risk



The Delta between “as is” PBIS IT and Government benchmarks may be attributed to one or both of the following:

- Leaner Operation **AND/OR**
- Assumed Risks and Hard Costs of Deferred Buying – examples
 - EoL HW
 - VPN
 - Windows 10

Long Term Technical Debt as related to “all industries”





1. Manage standard configuration to define network and nodal modernization
2. Sustain Win10 images and EUD refresh
3. Improve Unclassified mobility solution
4. Review network relationships for public safety applications
5. Modernize edge access (wired, fiber, wireless)
6. Buy down technical debt
7. Provide visibility, integrated management and access enforcement to the edge
8. Tactical integration with garrison MCEN-N/S
9. Prepare for JRSS 2.x migration
10. Hybrid cloud (starting with data/SharePoint)
11. Create and evolve standard DevSecOps environment



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Discussion

