

The Program Management Role in the Technology Environment

WORKSHOP: Owner/PM/CM

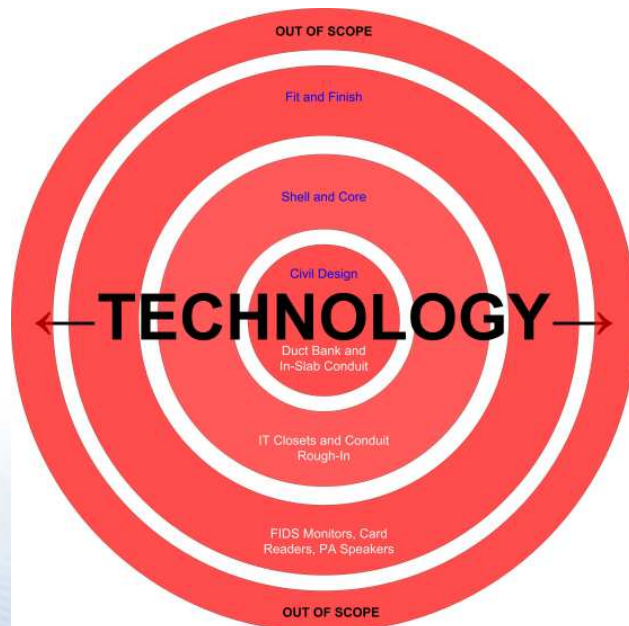
Organizational Functionality

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What are the differences?



- Technology spans across traditional project boundaries
- Technology changes daily
- Construction requirements differ
- Installation time
- Product procurement “just in time”
- Contracting requirements

How do I mitigate my risk?

- Develop an understanding of on-going IT programs
- Acknowledge contracting and delivery differences
- Clearly define capital project requirements vs. on-going maintenance
- Understand existing 3rd party provider relationships

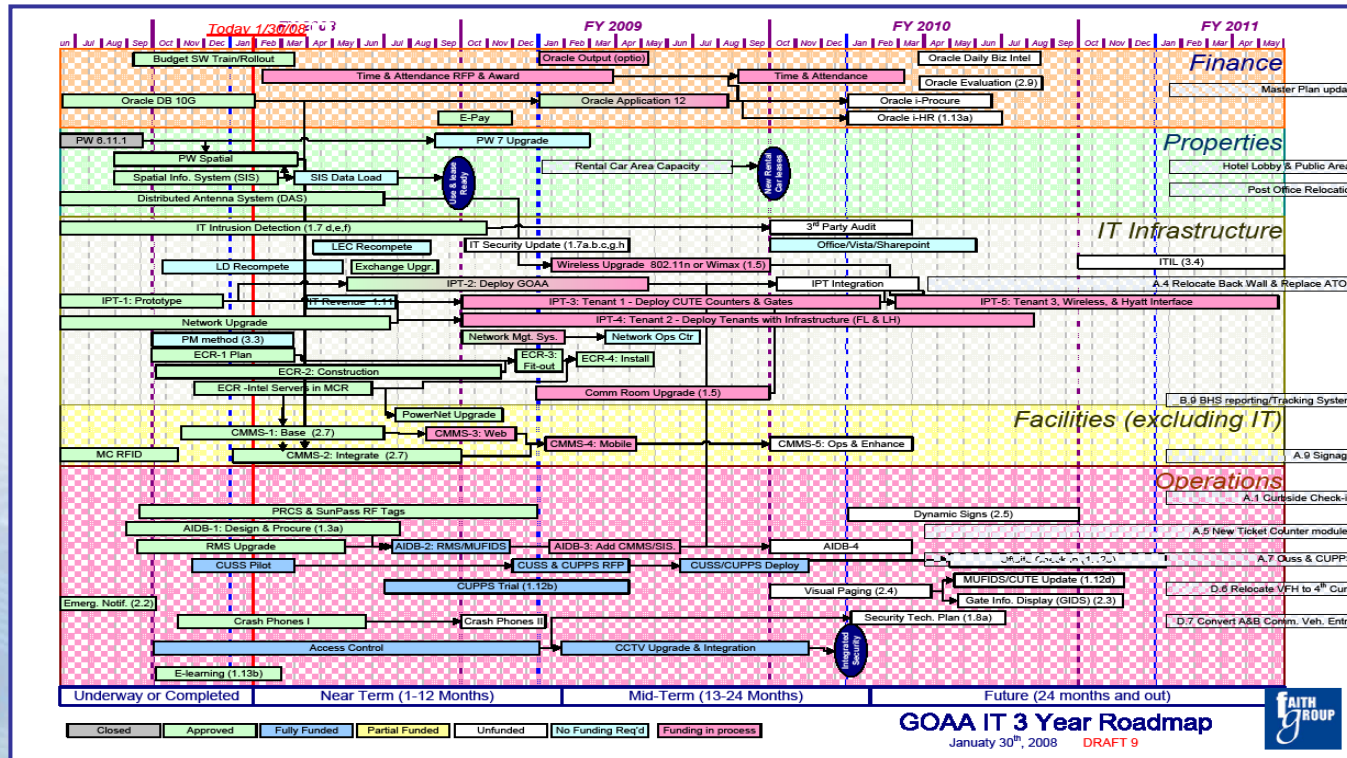


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How do I mitigate my risk?

- Develop “Roadmap” of IT programs
- Develop an IT master plan mapped to business objectives



What is the Owners role?

- Many IT departments “self perform” installation work.
- Determining “ownership” of systems early in the program.
- Determine impact new projects will have on IT staffing and O&M costs.
- Understand when IT systems must be delivered.
- Deliver clearly defined standards



What skill sets are required?



- Understanding of how both “bricks and mortar” construction and IT fit together.
- Ability to work with alternative delivery methods
- Ability to work with numerous specialty integrators/contractors

What are the Lessons Learned?

- Define budget allocations early in the process.
- Develop IT infrastructure that supports phasing requirements.
- Understand the role of the IT Owner
- Include staff that understands IT/Security issues as part of the team

SYSTEMS COST ESTIMATE					
Description	Unit	Installed \$/unit	Totals		
			Qty	Total	
ACS HEAD-END					
Server, Software, Licensing	LS	\$30,000.00	1	\$30,000.00	\$42,504.00
CLIENT WORKSTATIONS					
Alarm Monitoring Workstations	EA	\$4,000.00	2	\$8,000.00	\$11,334.40
BADGING EQUIPMENT					
Badging Camera	EA	\$3,000.00	1	\$3,000.00	\$4,250.40
Badge Printer	EA	\$6,000.00	1	\$6,000.00	\$8,300.80
Proximity Cards, Printable	EA	\$4.00	500	\$2,000.00	\$2,833.60
Badging Workstation	EA	\$4,000.00	1	\$4,000.00	\$5,667.20
ACS PROCESSING DEVICES					
Access Control Panel, 8-Door - Terminal	EA	\$5,500.00	0	\$49,500.00	\$70,131.60
Access Control Panels, 8-Door - DPS/AIRFF	EA	\$5,500.00	2	\$11,000.00	\$15,384.80
Access Control Panels, 8-Door - Maint. Bldg	EA	\$5,500.00	1	\$5,500.00	\$7,732.40
Input/Output Panels (1 per ACP)	EA	\$2,500.00	12	\$30,000.00	\$42,504.00
Door/Reader Module (1 per door/gate)	EA	\$1,500.00	30	\$45,000.00	\$63,756.00
DOOR SECURITY					
Terminal Doors (estimated 6 for ATD)	EA	\$7,500.00	25	\$187,500.00	\$265,650.00
DPS Doors	EA	\$7,500.00	1	\$7,500.00	\$10,626.00
Maint. Building Doors (estimated)	EA	\$7,500.00	4	\$30,000.00	\$42,504.00
VEHICLE GATES					
Convert Existing ACS Gates to New ACS	EA	\$10,000.00	4	\$40,000.00	\$56,672.00
MIGRATION COSTS					
Re-badging	LS	\$10,000.00	1	\$10,000.00	\$14,168.00
PROGRAMMING AND INTEGRATION					
	LS	\$15,000.00	1	\$15,000.00	\$21,252.00
TESTING & COMMISSIONING					
	LS	\$10,000.00	1	\$10,000.00	\$14,168.00
TOTAL				\$484,000.00	\$659,899.20