

“Project Management Using Earned Value”  
Case Study Solution 5.1

5.1

**C A S E**

**S**

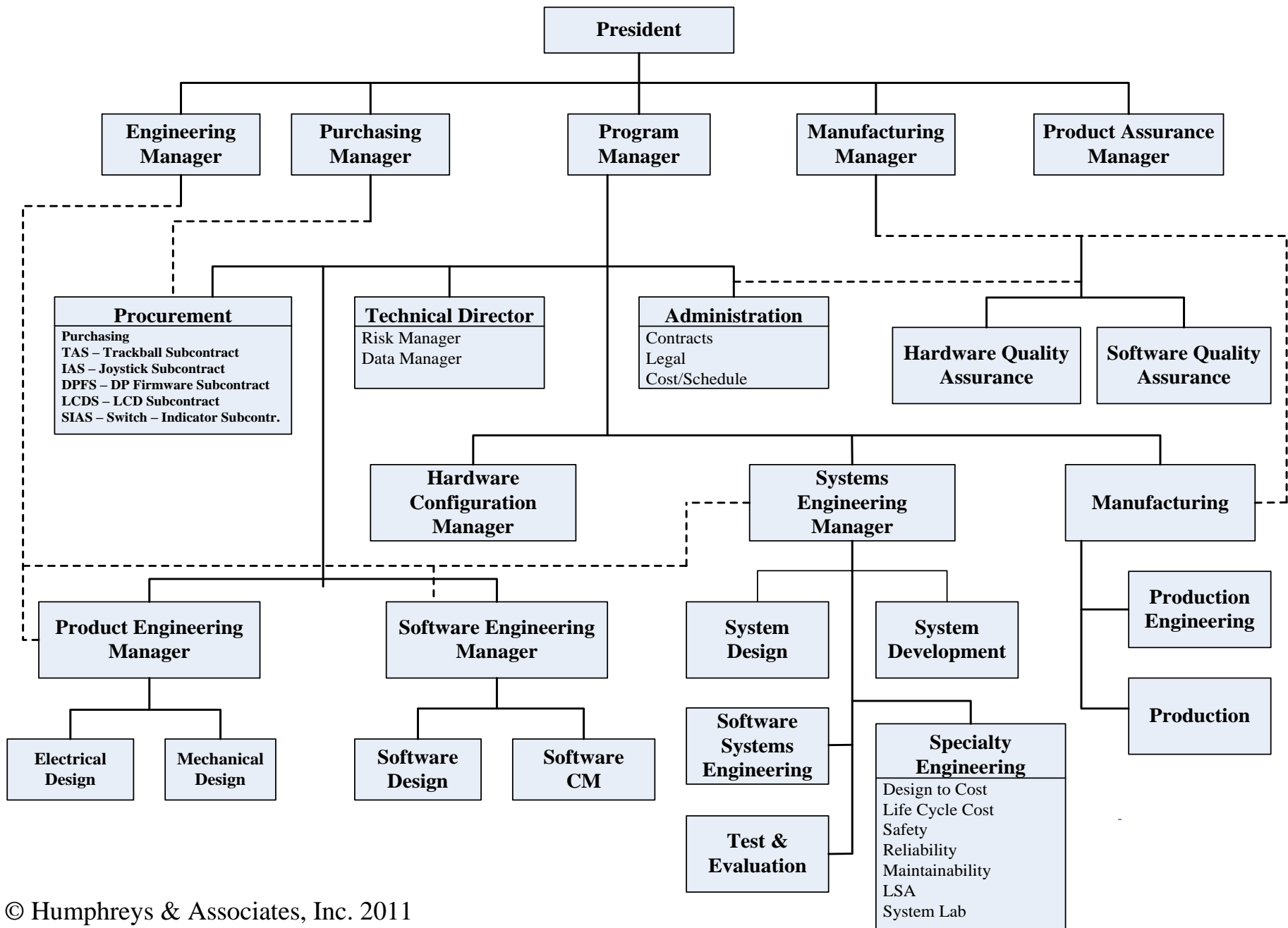
**T**

**U**

**D**

**Y**

**Organization Chart  
and Responsibility  
Assignment Matrix**



WBS Elements		Automated Workstation Development Program - 1000000																									
		Console Subsystem 1010000						System Engineering Management 1020000				Sys T&E 1030000															
		DP CSCI - 1010101	DP HWCI - 1010102	MMI CSCI - 1010201	MMI HWCI - 1010202	IP CSCI - 1010301	IP HWCI - 1010302	Build Integ. & Test - 1010401	CSCI integ. & Test - 1010402	System Software - 1010501	System Firmware - 010502	Software Eng. Mgmt. - 1020101	Software QA - 1020102	Software Conf. Mgmt. - 1020103	Specialty Engineering - 1020104	Program Management - 1020201	Software Prog. Mgmt. - 1020202	Hardware Test and Evaluation - 1030100	Software Test and Evaluation - 1030200	Production - 1040000	Peculiar Support Equipment - 1050000	Data - 1060000	Training - 1070000	Industrial Facilities - 1080000	Operational Site Activation - 1090000	Logistics Support - 1100000	
Program Manager Broud Stearman	Systems Engineering	System Development							X		X					X										X	
		System Design							X		X					X						X	X	X	X	X	X
		Test & Evaluation	X	X	X	X	X	X	X	X	X	X					16	X	X			X	X	X	X	X	X
		Software Systems Engineering	X		X		X		X		X									X		X	X	X	X	X	X
		Specialty Engineering													X												X
	Product Engineering	Electrical Design		X		X		X	X	X		X							X		X		X		X		
		Mechanical Design		X		X		X											17	18	X		X		X		
	Software Engineering	Software Design	X		X		X		X	X	X	X			14			X	X		X	X	X	X	X	X	
		Software CM	X		X		X		X	X	X	X						X		19		X	X	X	X	X	
	Manufacturing	Production Engineering		X		X	5	X	7	8	9	10	11	13	X					X		X		X		X	
		Production																			X		X		X		
	Procurement	Purchasing		X		X		X					X							X	X				X		
		TAS - Trackball Subcontract				X		6														X	X		X		
		JAS - Joystick Subcontract				X																20	21	22	23	24	25
		DPFS -DP Firmware Subcontract	X																								
		LCDS - LCD Subcontract		X																							
	Product Assurance	SIAS - Switch - Indicator Subcontract				X																					
		Hardware QA	1	2	3	4																					
	Program Management	Software QA										X												X			
		Administration										12												X			
Technical Director																							X				
	Hardware CM																						X				