AUTOMOTIVE PROCESS CLASSIFICATION FRAMEWORK®

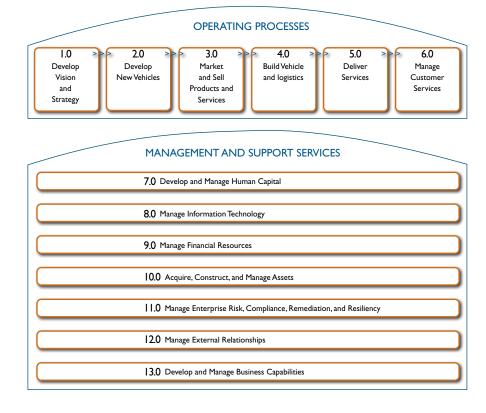
Version 7.2.2

AUTOMOTIVE PCF OVERVIEW

Based on the renowned Process Classification Framework® (PCF), The Automotive PCF® is customized to define processes used within organizations around the world. Version 7.2.2 of the The Automotive PCF® includes changes to make it compliant with the most recent information in Automotive PCF® v7.0.5. This version of the PCF was developed in conjunction with IBM and contains feedback from a variety of individuals within the industry. IBM provided much of the subject matter expertise to create this industry specific process classification framework.

THE FRAMEWORK FOR PROCESS IMPROVEMENT

Experience shows that the potential of



benchmarking to drive dramatic improvement lies squarely in making out-of-the-box comparisons and searching for insights not typically found within intra-industry paradigms. To enable this beneficial benchmarking, the APQC Process Classification Framework (PCF)® serves as a high-level, industry-neutral enterprise process model that allows organizations to see their business processes from a cross-industry viewpoint. The cross-industry framework has experienced more than 20 years of creative use by thousands of organizations worldwide. The PCF provides the foundation for APQC's Open Standards Benchmarking® (OSB) database and the work of its advisory council of global industry leaders. Each version of the PCF will continue to be enhanced as the OSB database further develops definitions, processes, and measures. The PCF and associated measures and benchmarking surveys are available for download from the Open Standards Benchmarking web site at www.apgc.org/osb.

HISTORY

The cross-industry Process Classification Framework® was originally envisioned as a taxonomy of business processes and a common language through which APQC member organizations could benchmark their processes. The initial design involved APQC and more than 80 organizations with a strong interest in advancing the use of benchmarking in the United States and worldwide. Since its inception in 1992, the PCF has seen updates to most of its content. These updates keep the framework current with the ways that organizations do business around the world. In 2014, APQC worked to enhance the cross-industry PCF and updated a number of industry-specific process classification frameworks.

The PCF is written in United States English language format.





PROCESS CLASSIFICATION FRAMEWORK®

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LOOKING FORWARD

The cross-industry and industry Process Classification Frameworks are evolving models, which APQC will continue to enhance and improve regularly. Thus, APQC encourages comments, suggestions, and more importantly, the sharing of insights from having applied the PCF within your organization. Share your suggestions and experiences with the PCF by e-mailing pcf_feedback@apqc.org.

ABOUT APOC

An internationally recognized resource for process and performance improvement, APQC helps organizations adapt to rapidly changing environments, build new and better ways to work, and succeed in a competitive marketplace. With a focus on productivity, knowledge management, benchmarking, and quality improvement initiatives, APQC works with its member organizations to identify best practices; discover effective methods of improvement; broadly disseminate findings; and connect individuals with one another and the knowledge,

training, and tools they need to succeed. Founded in 1977, APQC is a member-based non profit serving organizations around the world in all sectors of business, education, and government. APQC is also a proud winner of the 2003, 2004, 2008, 2012, and 2013 North American Most Admired Knowledge Enterprises (MAKE) awards. This award is based on a study by Teleos, a European-based research firm, and the KNOW network.

ABOUT IBM

At IBM, we collaborate with our clients, bringing together business insight, advanced research and technology to give them a distinct advantage in today's rapidly changing environment. Through our integrated approach to business design and execution, we help turn strategies into action. And with expertise in 17 industries and global capabilities that span 170 countries, we can help clients anticipate change and profit from new opportunities. For more information, visit www.ibm.com/services/qbs.

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PCF LEVELS EXPLAINED

Level I - Category

10.0 Manage Enterprise Risk, Compliance, Remediation and Resiliency (16437)

Represents the highest level of process in the enterprise, such as Manage customer service, Supply chain, Financial organization, and Human resources.

Level 2 - Process Group

10.1 Manage enterprise risk (17060)

Indicates the next level of processes and represents a group of processes. Perform after sales repairs, Procurement, Accounts payable, Recruit/source, and Develop sales strategy are examples of process groups.

Level 3 - Process

10.1.4 Manage business unit and function risk (17061)

A process is the next level of decomposition after a process group. The process may include elements related to variants and rework in addition to the core elements needed to accomplish the process.

Level 4 - Activity

10.1.4.3 Develop mitigation plans for risks (16458)

Indicates key events performed when executing a process. Examples of activities include Receive customer requests, Resolve customer complaints, and Negotiate purchasing contracts.

Level 5 - Task

10.1.4.3.1 Assess adequacy of insurance cover (18129)

Tasks represent the next level of hierarchical decomposition after activities. Tasks are generally much more fine grained and may vary widely across industries. Examples include: Create business case and obtain funding and Design recognition and reward approaches.

PROCESS ELEMENT NUMBERING SCHEME

The PCF identifies each process element using a unique 5-digit reference number following the name of the process element.[i.e., (16437), (17060), (17061) (16458), (18129), shown in the above graphic]. This number will always refer to the conceptual definition of the process element. The actual process elements and actual definition may change, but conceptually the decomposition will remain consistent considering the entire scope of the PCF. A new 5-digit number will be assigned to a process element if its definition substantially changes.

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This work is based in part on an Industry Process Classification Framework ("PCF"), an open standard developed by APQC and IBM to promote benchmarking and best practices worldwide. The PCF is intended to facilitate organizational improvement through process management and benchmarking, regardless of industry, size, or geography. To download the full PCF or other industry-specific versions of the PCF, as well as associated measures and benchmarking, please visit www.apqc.org/pcf.

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		2.2.8.4	Manage teams (12302)			2.3.7.1	Calculate the reliability performance of parts
		2.2.8.5	Develop integrated program plans (12303)				(18091)
2.3	Engin	eer/desig	n vehicle (CAD model) (12304)			2.3.7.2	Recommend warranty and service schedules, fitment processes and job times (18092)
	2.3.1		nd finalize program specifications (12305)	2.4	Impro	ve/valida	nte vehicle design (12335)
		2.3.1.1	(12306)		2.4.1		d evaluate assembly in Digital Mock-Up (DMU)
		2.3.1.2	Receive clay surface definition for engineering (12307)			2.4.1.1	Develop and release Computer Aided Design (CAD) surface models (18094)
		2.3.1.3	Confirm key functional objectives meet appropriate performance levels (12308)			2.4.1.2	Complete data structure management (18095)
		2.3.1.4	Complete key system design and process			2.4.1.3	Define data quality engineering (18096)
		0.045	Failure modes and effects - FMEAs (12309)			2.4.1.4	Create data quality assurance and control (18097)
		2.3.1.5	Complete production sourcing : actions meet glide paths (source packages and Purchase Orders (Pos) issued) (12310)			2.4.1.5	Create data change and configuration management system (18098)
	2.3.2		availability of suppliers to fulfill engineering ents (12311)			2.4.1.6	Create vehicle hazardous substance management system (18099)
		2.3.2.1	Identify suppliers which can meet engineering (12312)			2.4.1.7	Plan for Lightweight Computer Aided Design (CAD) master data (18100)
		2.3.2.2	Notify engineering/design team of possible change requirements based on component		2.4.2		/Improvise vehicle in virtual space Computer gineering - CAE (12336)
		2.3.2.3	availability (17750) Engage procurement organization in contract process (12314)			2.4.2.1	Identify vehicle class and Federal Motor vehicle safety standards (FMVSS) and other regulatory requirements (12337)
		2.3.2.4	Agree collaboration process for design changes (18089)			2.4.2.2	Define Corporate Federal Motor vehicle safety standards (FMVSS) requirements and vehicle star rating (12338)
		2.3.2.5	Create vendor evaluation, monitor plan (12315)			2.4.2.3	Define Computer Aided Engineering (CAE)
	2.3.3	Generate 2.3.3.1	Computer Aided Design (CAD) model (12316) Generate part/sub-assemblies/assemblies node			2.4.2.0	metrics for full vehicle system and sub system (12339)
		2.3.3.2	no. (12317) Generate part-governance logistics (12318)			2.4.2.4	Analyze Vehicle model in Computer Aided Engineering (CAE) for design improvements
	224	2.3.3.3	Provide part-access to suppliers (12319)		0.40	D : ((12340)
	2.3.4	•	product and process design (12320)		2.4.3		or manufacturability/assembly (12341)
		2.3.4.1	Develop and release Computer Aided Design (CAD) models (12321)			2.4.3.1	Evaluate the use of new manufacturing technologies (12342)
		2.3.4.2	Complete product structure management (12322)			2.4.3.2	Confirm Business Operating Procedures (BOP) alternatives for all assembly plants being
		2.3.4.3	Define quality engineering (12323)			2422	considered (12343)
		2.3.4.4 2.3.4.5	Create quality assurance and control (12324) Create change and configuration management			2.4.3.3	Identify architectural related manufacturing Principle Locating Planes (12344)
			system (12325)			2.4.3.4	Verify Concept Digital Development's exterior and interior surfaces feasibility (12346)
		2.3.4.6	Create hazardous substance management system (12326)			2.4.3.5	Complete digital assembly and discovery issues (12348)
	0.0.5	2.3.4.7	Plan for master data management (12327)			2.4.3.6	Interface manufacturing equipment/tooling part
	2.3.5		lles and policies (12328)			2	models in PDM (12351)
		2.3.5.1	Establish targets and governance (12329)			2.4.3.7	Approve/Accept Design Failure Mode and
		2.3.5.2	Define rules and policies for design (12330)				Effect Analysis (DFMEA)/Process Failure mode
	2.0.0	2.3.5.3	Maintain rules and policies (12331)				and effect analysis (PFMEA) on key
	2.3.6	_	configuration (12332)				components/systems (12352)
		2.3.6.1 2.3.6.2	Validate parts/build combinations (12333) Develop bill of materials (12334)			2.4.3.8	Complete control plan and mistake proofing (12353)

		2.4.3.9	Review surface quality verification - black body			2.5.3.5	Confirm product readiness (12388)
			(12354)			2.5.3.6	Confirm assembly plant readiness (12389)
		2.4.3.10	Complete Body In White (BIW) dimensional compliance (12355)			2.5.3.7	Complete vendor evaluation and monitoring plan (12390)
		2.4.3.11	Formulate process design (12359)			2.5.3.8	Verify and estimate full production capability
		2.4.3.12	Analyze the capability of manufacturing equipment/tooling and stamping (18101)				(18102)
	2.4.4	Design fo	r shipping /transportation (12360)			2.5.3.9	Confirm advertisement process and take photograph for advertisement (18103)
	2. 1. 1	2.4.4.1	Create plan for shipping (12361)			., .	
		2.4.4.2	Create rack/container availability details	2.6	l est/	verity ven	icle functional requirements (12391)
			(12362)		2.6.1	Test vehi (12392)	cle and supplier durability and performance
		2.4.4.3	Simulate transportation by simulating parts in rack and container (12363)			2.6.1.1	Identify vehicles for testing (12393)
	2.4.5	Design an	nd build tools (12364)			2.6.1.2	Define corporate FMVSS requirements and
		2.4.5.1	Perform tool analysis based part/system				vehicle star rating as targets (12394)
			vehicle design (12365)			2.6.1.3	Define new procedures/identify standard test
		2.4.5.2	Create initial tool prototypes (12366)				procedures for full system and sub system (12395)
		2.4.5.3	Validate parts of a tool (12367)			2.6.1.4	Perform durability test in proving ground and
		2.4.5.4	Create production tools (12368)			2.0.1.4	road simulator (12396)
2.5	Build	prototype	e/mule (12369)			2.6.1.5	Conduct vehicle/main unit performance test
	2.5.1	Build prot	totype - stage I (12370)				(18104)
		2.5.1.1	Confirm stage I build readiness (12371)		2.6.2	_	and assess design change (12400)
		2.5.1.2	Plan for system and component design verification test (12372)			2.6.2.1	Create a change notice or work order for design change request (12401)
		2.5.1.3	Complete initial marketing launch plan (12373)			2.6.2.2	Capture the design change as a different
		2.5.1.4	Revise product and program timing targets (glide path) (12374)			2.6.2.3	revision (12402) Manage design change (12403)
		2.5.1.5	Plan for prototyping and ramp-up (12375)			2.6.2.4	Analyze achievement of change, root cause of
	2.5.2		cotype - stage II (12376)			2.0.2.7	any deviations and plan countermeasures
	2.0.2	2.5.2.1	Confirm stage II pilot build readiness (12377)				(18105)
		2.5.2.2	Complete systems and components off		2.6.3	Prepare v	rehicles and obtain regulatory certifications
			n tooling and assembly processes (12378)			(12404)	
		2.5.2.3	Validate build tolerance (create lock option			2.6.3.1	Prepare vehicles for sub-system testing (12405)
			introduction mix) (12379)			2.6.3.2	Release sub-system testing results to media
		2.5.2.4	Create system and component process verification testing (12380)		2.6.4	Ohtain ar	(12406) oproval for test and ride (12407)
		2.5.2.5	Resolve stage I open issues (12381)		2.0.⊣	2.6.4.1	Obtain approval from senior management for
		2.5.2.6	Define plan to incorporate all open stage I			2.0.4.1	final overall vehicle test and ride (12408)
		2.0.2.0	prototype solutions in stage II build (12382)			2.6.4.2	Release final test results to media (12409)
	2.5.3	Build pre-	launch - stage III (12383)		2.6.5		rt Of Production (SOP) follow process (18106)
		2.5.3.1	Confirm stage III pilot build readiness (12384)			2.6.5.1	Verify sales volume and customer satisfaction/
		2.5.3.2	Build saleable vehicles (12385)				complaints (18107)
		2.5.3.3	Evaluate quality plan to target (12386)			2.6.5.2	Analyze quality results and plan
		2.5.3.4	Create containment assessment and release plan (12387)				countermeasure for market (18108)

3.0 Market and Sell Products and Services (10004)

3.1	Unde	rstand m	arkets, cus	stomers, and capabilities (10101)			experienc	ce (18110)
	3.1.1	Perform	customer ar	nd market intelligence analysis (1010	6)	3.2.1.6		rand's physical (person-to-person)
		3.1.1.1	Conduct o	ustomer and market research (10108)			experience strategy (18111)
			3.1.1.1.1	Understand consumer needs	3.2.2	•	-	egy (10123)
				and predict customer purchasing		3.2.2.1		pricing analysis (13169)
				behavior (10114)		3.2.2.2		guidelines for applying pricing and ng of products/services (10124)
		3.1.1.2	•	arket segments (10109)		3.2.2.3		pricing targets (19999)
			3.1.1.2.1	Determine market share gain/loss (10115)		3.2.2.4		ricing strategies/policies and targets (10125)
		3.1.1.3	Analyzo n	narket and industry trends (10110)		3.2.2.5		rket strategy (product assortment,
		3.1.1.3	-	ompeting organizations, competitive/	•	5.2.2.5		nerchandising, etc.) to align to
		0.1.1.	•	products/services (10111)				ng (16621)
		3.1.1.5		existing products/services (10112)		3.2.2.6	Determin	e strategic investment plan (16622)
		3.1.1.6	Assess in	ternal and external business		3.2.2.7	Manage	brand licensing and usage (16623)
			environme	ent (10113)		3.2.2.8		and reassess activities against
	3.1.2	Evaluate	and prioriti	ze market opportunities (10107)				plan, and investment (16624)
		3.1.2.1	Quantify r	market opportunities (10116)	3.2.3		ū	channel strategy (20000)
		3.1.2.2	Determine	e target segments (10117)		3.2.3.1		e channels to be supported (20001)
			3.1.2.2.1	Identify under-served and saturated	I	3.2.3.2		channel objectives (20002)
		0.4.0.0	Б	market segments (18941)		3.2.3.3	Determin	e channel role and fit with target
		3.1.2.3		e channel strategy (18109)		3.2.3.4		annels for target segments (10128)
		3.1.2.4		opportunities consistent with es and overall business strategy		3.2.3.5		equired channel capabilities (20003)
			(10118)	23 and overall business strategy		3.2.3.6	-	channel attributes and potential
		3.1.2.5		opportunities (10119)		0.2.0.0	partners	·
				Test with customers/consumers (10120)		3.2.3.7		ate seamless customer experience ipported channels (20004)
			3.1.2.5.2	Confirm internal capabilities (10121)		3.2.3.7.1	Define omni-channel strategy
	3.1.3	Develop		e brands (12410)	,			(16590)
		3.1.3.1	Develop r brands (1)	narketing strategy for new & existing 2411)			3.2.3.7.2	Define omni-channel requirements (16591)
		3.1.3.2	Define off (12412)	fering and brand equity position			3.2.3.7.3	Develop omni-channel policies and procedures (16592)
		3.1.3.3	Assess br	and performance management (1241)	3)	3.2.3.8		and manage execution roadmap
	3.1.4	Aggrega	ite and mana	age customer marketing (12415)			(20005)	(00000)
	3.1.5	Conduct	product pla	nning clinics (12416)	3.2.4	•	ū	e channel performance (20006)
	3.1.6	Collect of	demand info	rmation (12418)		3.2.4.1	(16573)	channel-specific metrics and targets
	3.1.7	Create c	ustomer pro	files (12417)		3.2.4.2		and report performance (16574)
	3.1.8			ed forecast (12419)		3.2.4.3		and report events influencing factors
	3.1.9	Develop	constrained	forecast (12420)		0.2.1.0	(16575)	and report evente initiation ing ractore
3.2	Devel	lop mark	eting strate	egy (10102)		3.2.4.4	Analyze p	performance (16500)
	3.2.1	Define o	offering and	customer value proposition (11168)		3.2.4.5	Develop _I	plan for improvements (16501)
		3.2.1.1	Define of	fering and positioning (11169)	3.2.5	Develop	marketing	communication strategy (16848)
		3.2.1.2		alue proposition including brand g for target segments (11170)		3.2.5.1	Develop ((16849)	customer communication calendar
		3.2.1.3		alue proposition with target segmen	ts	3.2.5.2	Define pu	ublic relations (PR) strategy (16850)
			(11171)			3.2.5.3	Define di	rect marketing strategy (16851)
		3.2.1.4	-	ew branding (11172)		3.2.5.4		ternal marketing communication
		3.2.1.5	Define bra	and's distinctive online			strategy	(16852)

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		3.2.5.5	Identify new media for marketing communication (16853)			3.3.4.6	Evaluate promotional performance metrics (10170)
		3.2.5.6	Define new media communication strategy (16854)			3.3.4.7	Refine promotional performance metrics (10171)
		3.2.5.7	Define point of sale (POS) communication strategy (16855)			3.3.4.8	Incorporate learning into future/planned consumer promotions (10172)
		3.2.5.8	Define communication guidelines and		3.3.5	Track cus	stomer management measures (10153)
			mechanisms (18627)			3.3.5.1	Determine customer lifetime value (10173)
	3.2.6	Design ar	nd manage customer loyalty program (18924)			3.3.5.2	Analyze customer revenue trend (10174)
		3.2.6.1	Define customer loyalty program (20007)			3.3.5.3	Analyze customer attrition and retention rates
		3.2.6.2	Acquire members to customer loyalty program (18925)			3.3.5.4	(10175) Analyze customer metrics (10176)
		3.2.6.3	Build engagement and relationship with			3.3.5.5	Revise customer strategies, objectives, and
		0.2.0.0	members (18926)			0.0.0.0	plans based on metrics (10177)
		3.2.6.4	Monitor customer loyalty program benefits to		3.3.6	Analyze a	and respond to customer insight (16613)
			the enterprise and the customer (16633)			3.3.6.1	Monitor and respond to social media activity
		3.2.6.5	Optimize loyalty program value to both the				(16627)
			enterprise and the customer (18927)			3.3.6.2	Analyze customer website activity (16614)
3.3	Devel	op and m	anage marketing plans (10104)			3.3.6.3	Analyze customer purchase patterns (16615)
	3.3.1		th goals, objectives, and metrics for products/ s by channel/segment (10148)			3.3.6.4	Develop business rules to provide personalized offers (16616)
	3.3.2		marketing budgets (10149)			3.3.6.5	Monitor effectiveness of personalized offers and adjust offers accordingly (16617)
		3.3.2.1	Confirm marketing alignment to business		3.3.7	Manage	product marketing content (16629)
			strategy (10155)			3.3.7.1	Manage product images (16630)
		3.3.2.2	Determine costs of marketing (10156)			3.3.7.2	Manage product copy (18130)
		3.3.2.3	Create marketing budget (10157)	3.4	Devel	op sales	strategy (10103)
		3.3.2.4	Determine projected ROI for marketing investment (17683)		3.4.1	Develop	direct sales, dealer and partner / alliance s (18112)
	3.3.3	-	and manage pricing (20593)			3.4.1.1	Gather current and historic order information
		3.3.3.1	Understand resource requirements for each product/service and delivery channel/method			3.4.1.2	(10134)
			(20009)				Analyze sales trends and patterns (10135) Generate sales forecast (10136)
		3.3.3.2	Determine corporate incentives (18948)			3.4.1.3 3.4.1.4	Analyze historical and planned promotions and
		3.3.3.3	Determine pricing based on volume/unit forecast (10163)				events (10137)
		3.3.3.4	Execute pricing plan (10164)			3.4.1.5	Develop collaborative forecast with Sales Channels (18113)
		3.3.3.5	Evaluate pricing performance (10165)		3.4.2	Develor	sales partner/alliance (e.g. dealers) relationships
		3.3.3.6	Refine pricing as needed (10166)		J.T.Z	(10130)	sales partifer/affiance (e.g. dealers) relationships
		3.3.3.7	Implement promotional pricing programs			3.4.2.1	Identify alliance opportunities (10138)
		3.3.3.8	(11495) Implement other retail pricing programs (11496)			3.4.2.2	Design alliance programs and methods for selecting and managing relationships (10139)
		3.3.3.9	Communicate and implement price changes			3.4.2.3	Select alliances (10140)
			(11497)			3.4.2.4	Develop trade customer trade strategy and
		3.3.3.10	Achieve regulatory approval for pricing (17684)			5.4.2.4	customer objectives/targets (10141)
		3.3.3.11	Achieve regulatory approval for pricing (17684)			3.4.2.5	Define trade programs and funding options
	3.3.4	•	and manage promotional activities (20010)				(10142)
		3.3.4.1	Define promotional concepts and objectives (10167)		3.4.3	Establish 3.4.3.1	overall sales budgets (11478) Develop customer business plan (11464)
		3.3.4.2	Develop marketing messages (10159)			3.4.3.1	Develop customer trade strategy and customer
		3.3.4.3	Define target audience (10160)			J.4.J.Z	objectives/targets (11465)
		3.3.4.4 3.3.4.5	Plan and test promotional activities (10168) Execute promotional activities (10169)			3.4.3.3	Define trade programs and funding options (11521)

		3.4.3.4		lanning activities for major	trade		3.5.3.3		P/RFQ request (11782)
			customers	, ,			3.5.3.4	Perform co	ompetitive analysis (11783)
		3.4.3.5		e with trade customers to	create		3.5.3.5	Validate w	vith strategy/business plans (11784)
				promo plan (11467)			3.5.3.6	Understan	d customer business and equirements
		3.4.3.6		romotional and category m (trade marketing calendars			3.5.3.7	(11785) Develop si	olution and delivery approach (20015)
		3.4.3.7		ategic and tactical sales pl	ans by		3.5.3.8	· ·	affing requirements (11787)
		0.400	customer (3.5.3.9	Develop p	ricing and scheduling estimates
		3.4.3.8	teams (11	cate planning information t	o customer			(11788)	
	0.4.4	F-4-1-1:-1-					3.5.3.10	Conduct p	rofitability analysis (11789)
	3.4.4			es budgets (10131)	001		3.5.3.11	Manage ir	nternal reviews (20016)
		3.4.4.1		product market share (176	82)		3.5.3.12	Manage ir	nternal approvals (20017)
		3.4.4.2		product revenue (10143)			3.5.3.13		esent bid/proposal/quote to customer
		3.4.4.3		e variable costs (10144)				(11790)	
		3.4.4.4		e overhead and fixed costs	(10145)		3.5.3.14		/proposal/quote (20018)
		3.4.4.5	Calculate	net profit (10146)			3.5.3.15		otification outcome (11793)
		3.4.4.6	Create bu	dget (10147)		3.5.4		sales orders	
	3.4.5	Establish	sales goals	and measures (10132)		0.0.1	3.5.4.1		d validate sales orders (10194)
	3.4.6	Establish	customer n	nanagement measures (10°	133)		3.5.4.2	•	d maintain account information
3.5	Devel	op and m	anage sal	es plans (10105)			J.J.4.Z	(10195)	u mamam account imormation
	3.5.1	Manage	leads/oppor	rtunities (20594)				3.5.4.2.1	Administer key account details
		3.5.1.1	Identify po	otential customers (10188)					(10201)
		3.5.1.2	Identify/re	eceive leads/opportunities	(10189)			3.5.4.2.2	Retrieve full customer details
		3.5.1.3	•	nd qualify leads/opportuni					(10202)
		3.5.1.4		portunities to business stra				3.5.4.2.3	Modify involved party details (10203)
		3.5.1.5		pportunity win plans (1811	6)			3.5.4.2.4	Record address details (10204)
		3.5.1.6		pportunity pipeline (20011				3.5.4.2.5	Record contact details (10205)
		3.5.1.7	_	ales force (10186)	1			3.5.4.2.6	Record key customer communication
			ŭ	Determine sales resource	allocation			05407	profile details (10206)
		2510	Managa	(10209)	1			3.5.4.2.7	Review involved party information (10207)
		3.5.1.8	O	ustomer sales calls (10184 Perform sales calls (1019	•			3.5.4.2.8	Terminate involved party information
			3.5.1.8.2	Perform pre-sales activiti	es (10191)		3.5.4.3	Dotormino	(10208) availability (10196)
			3.5.1.8.3	Manage customer meetir	igs/		3.5.4.4		fulfillment process (10197)
				workshops (20012)					rs into system (10198)
			3.5.1.8.4	Close the sale (10192)			3.5.4.5		, , , ,
			3.5.1.8.5	Record outcome of sales (10193)	process		3.5.4.6	(17404)	erform cross-sell/up-sell activity
	3.5.2	Manage	customers a	and accounts (10183)			3.5.4.7	Process ba	ack orders and updates (10199)
	0.0.2	3.5.2.1		customers/accounts (200°	13)		3.5.4.8		les order inquiries including post-
		3.5.2.2		ales/key account plan (111					Ilment transactions (10200)
		3.5.2.3	-	ales/key account plan (200		3.5.5	_	•	ers and alliances (e.g. dealers) (10187)
		3.5.2.4	_	ustomer relationships (111			3.5.5.1		les and product/service training to
		3.5.2.5	-	ustomer master data (1420				•	ners/alliances (10211)
		J.J.Z.Ü	3.5.2.5.1	Collect and merge interna				3.5.5.1.1	Provide certification enablement
			J.J.Z.J. I	party customer information				25512	training (20019)
			3.5.2.5.2	De-duplicate customer da				3.5.5.1.2	Manage certifications and skills (20020)
	3.5.3	Fleet and	l Corporate I	bid and proposal developm	ent (18117)			3.5.5.1.3	Provide support to partners/alliances
		3.5.3.1		equest For Proposal (RFP)/I	Request For				(20021)
			Quote (RFC		-,		3.5.5.2		arketing materials to sales partners/
		3.5.3.2	Refine cus	stomer requirements (1178	U)			alliances (18641)

	3.5.5.3	Develop sales forecast by partner/alliance (10212)	3.6		and forecast vehicle (12421)
	3.5.5.4	Agree on partner and alliance commissions		3.6.1	Plan and simulate business (12422)
	0.0.0.4	(10213)		3.6.2	Plan and forecast sales (12423)
	3.5.5.5	Monitor and evaluate partner/alliance results (10214) Manage sales partner/alliance master data (14209)		3.6.3	Perform collaborative planning (12424)
				3.6.4	Perform incentive plan maintenance (12425)
	3.5.5.6			3.6.5	Perform planning based on options (12426)
				3.6.6	Perform planning based on fully configured orders (12427)
3.5.6	Develop a	and manage media (10150)	3.7	Perfo	rm lease management (12490)
	3.5.6.1	Define media objectives (10158)			
	3.5.6.2	Develop social media strategy (16626)		3.7.1	Achieve sales (12491)
	3.5.6.3	Define social media performance metrics		3.7.2	Support dealer floor plan (12492)
		(16742)		3.7.3	Support dealer retail financing (12493)
	3.5.6.4	Engage media provider (10161)		3.7.4	Support vehicle remarketing (12494)
	3.5.6.5	Develop and execute advertising (10162)		3.7.5	Instill ownership loyalty (12495)
	3.5.6.6	Execute social media campaigns (16628)	3.8	Perfo	rm vehicle life cycle management (12496)
	3.5.6.7	Develop and execute other marketing campaigns/programs (11253)		3.8.1	Perform installed base analysis (12497)
	3.5.6.8	Assess brand/product marketing plan		3.8.2	Perform installed base processing (12498)
		performance (11254)		3.8.3	Process vehicle information (12499)
	3.5.6.9	Evaluate social media performance metrics (16743)		3.8.4	Perform vehicle information processing with channel partners (12500)

4.0 Build Vehicle and logistics (12724)

Forecast vehicle build and create build plan (12570) 4.1.7.4 Assess production performance (12599) Validate quality targets (12634) Strategize production (12591) 4.1.1.1 Review production practices (12592) Validate corporate quality requirements and standards 4.2.1 4.1.1.2 Establish new practices (12593) (12600)4.2.1.1 Propose/define quality targets (12601) 4.1.1.3 Develop long range production strategy (12594) 4.2.1.2 Define serviceability index rating (12602) 4.1.1.4 Define manufacturing goals (10229) 4.2.1.3 Define vehicle warranty glide path per limits 4.1.1.5 Define labor and materials policies (10230) (12603)4.1.1.6 Define outsourcing policies (10231) 4.2.1.4 Certify/approve production intent racks (12604) 4.1.1.7 Determine local labor and material regulations 4.2.1.5 Certify/approve production intent containers (12605)4.1.1.8 Define capital expense policies (10232) 4.2.2 Validate supplier quality (12606) Define capacities (10233) 4.1.1.9 4.2.2.1 Complete purchased parts Process Failure 4.1.1.10 Define production network and supply Mode and Effect Analysis - PFMEA (12607) constraints (10234) 4.2.2.2 Complete process validation testing (12608) Define production process (14193) 4.1.1.11 4.2.2.3 Define/implement product and process error/ 4.1.1.12 Define standard operating procedures (19551) mistake proofing (12609) 4.1.1.13 Define production workplace layout and 4.2.2.4 Validate completion of production tools (12610) infrastructure (14194) 4.2.2.5 Complete production part approval process 4.1.2 Forecast for manufacturing planning (12571) (PPAP) (key components and modules) (12611) 4.1.2.1 Create manufacturing demand planning (12572) 4.2.2.6 Demonstrate run at rate (12612) 4.1.2.2 Create model-mix planning and sequencing 4.2.3 Manage quality (12613) (12573)4.2.3.1 Identify, establish and adapt quality procedures Plan for plant human resource (12580) 4.1.3 (18120)4131 Identify available resources (12581) 4.2.3.2 Establish quality targets (12614) Identify additional resources needed and the 4.1.3.2 4.2.3.3 Monitor quality (12615) additional shifts (12582) 4.2.3.4 Communicate quality specifications (10373) 4.1.4 Plan for plant safety (12583) 4.2.3.5 Feedback quality status (12616) 4.1.4.1 Identify existing safety concerns (12584) 4.2.3.6 Improve quality continuously (12617) 4.1.4.2 Plan for securing the safety concern (12585) 4.3 **Create production order (18121)** Set targets for manufacturing (12586) 4.1.5 Set manufacturing hours per vehicle/hours per Manage demand for products (10222) 4.1.5.1 vehicle (HPV) target for each plant (18131) Develop baseline demand forecasts (10235) 4.3.1.1 Set lean objectives by conducting lean events 4.1.5.2 Collaborate demand with customers (10236) 4.3.1.2 Develop demand consensus forecast (10237) 4.3.1.3 Identify compliance to production cell readiness 4.1.5.3 4.3.1.4 Determine available to promise (10238) (12589)Monitor activity against demand forecast and 4.3.1.5 4.1.5.4 Set run-at-rate (12590) revise forecast (10239) 4.1.6 Plan and simulate manufacturing (12574) 4.3.1.6 Evaluate and revise demand forecasting 4.1.6.1 Complete material requirements planning approach (10240) (12575)4.3.1.7 Measure demand forecast accuracy (10241) 4.1.6.2 Create processing delivery schedules (12576) 4.3.2 Create and manage master production schedule (10224) 4.1.6.3 Issue purchase orders (12577) 4.3.2.1 Model production network to enable simulation 4.1.6.4 Perform rapid requirement planning (12578) and optimization (20023) 4.1.6.5 Plan production completion and delivery 4.3.2.2 Create master production schedule (20024) (12579)4.3.2.3 Create site level production plan and schedule 417 Determine production rules and policies (12595) (10247)4.1.7.1 Define production governance (12596) 4.3.2.4 Manage work-in-progress inventory (10248) 4.1.7.2 Oversee manufacturing product (12597) 4.3.2.5 Collaborate with suppliers (10249) 4.3.2.6 4.1.7.3 Manage production activities (12598) Execute site-level production plan and

			pohodulo (102E0)			1152	Create werehousing and storage plan (12516)
		4.3.2.7	schedule (10250) Maintain master production schedule (17041)			4.4.5.2 4.4.5.3	Create warehousing and storage plan (12516) Inventory and warehouse management
	4.3.3		aterials plan (10223)			4.4.3.3	analytics (12517)
	4.3.3	4.3.3.1	Create unconstrained plan (10242)			4.4.5.4	Transportation analytics (12518)
		4.3.3.1	Collaborate with supplier and contract		4.4.6		suppliers (10280)
		4.3.3.2	manufacturers (10243)			4.4.6.1	Monitor/Manage supplier information (10299)
		4.3.3.3	Identify critical materials and supplier capacity (10244)			4.4.6.2	Prepare/Analyze procurement and vendor performance (10300)
		4.3.3.4 4.3.3.5	Monitor material specifications (10245) Generate constrained plan (10246)			4.4.6.3	Support inventory and production processes (10301)
		4.3.3.6	Define production balance and control (14196)			4.4.6.4	Monitor quality of product delivered (10302)
4.4	Procu		ials and services (10216)		4.4.7	Manage	inventory (12509)
4.4	4.4.1	Provide s	ourcing governance and perform category			4.4.7.1	Publish current inventory status and gross demand (12510)
		managen 4.4.1.1	nent (10277) Develop procurement plan (10281)			4.4.7.2	Monitor inventory and simulate replenishment (12511)
		4.4.1.2	Clarify purchasing requirements (10282)			4.4.7.3	Publish planned receipts schedules (12512)
		4.4.1.3	Establish materials management contingency plans (10283)			4.4.7.4	Plan for post goods receipt (GR), transmit GR references and update inventory (12513)
		4.4.1.4	Match needs to supply capabilities (10284)		4.4.8	Evaluate	vendor and continue monitoring (12519)
		4.4.1.5	Analyze organization's spend profile (10285)			4.4.8.1	Create vendor evaluation and monitoring plan
		4.4.1.6	Seek opportunities to improve efficiency and				(12520)
			value (10286)		4.4.9	-	rocurement performance (12627)
		4.4.1.7	Plan for production part approval process (12501)			4.4.9.1	Establish key performance indicators (metrics) (12628)
		4.4.1.8	Plan for supplier collaboration (12503)			4.4.9.2	Establish procurement monitoring frequency
	4.4.2		sourcing and category management strategies			4.400	(12629)
	4.4.0	(20973)	1			4.4.9.3	Calculate performance results (12630)
	4.4.3		appliers and develop/maintain contracts (10278) Select suppliers (10288)			4.4.9.4	Identify procurement performance trends (12631)
		4.4.3.1 4.4.3.2	Certify and validate suppliers (10289)			4.4.9.5	Analyze performance benchmark gaps (12632)
		4.4.3.3	Negotiate and establish contracts (10290)			4.4.9.6	Generate appropriate reports (12633)
		4.4.3.4	Manage contracts (10291)	4.5	Manu		ehicles (12521)
		4.4.3.5	Collaborate with suppliers to identify sourcing	1.0	4.5.1		production (12545)
		1. 1.0.0	opportunities (10287)		4.3.1	4.5.1.1	Schedule production quantities (12546)
		4.4.3.6	Create vendor evaluation and monitor plan			4.5.1.2	Schedule and sequence lines (12547)
			(12504)			4.5.1.3	Schedule line delivery (12548)
		4.4.3.7	Create negotiating leveraging factors (12505)			4.5.1.4	Generate site level plan (12549)
		4.4.3.8	Evaluate supplier capabilities (12506)			4.5.1.5	Manage vehicle work-in-progress inventory
		4.4.3.9	Manage bidding events (12507)				(12550)
		4.4.3.10	Planning for purchase order processing (12508)			4.5.1.6	Generate detail schedule (12551)
	4.4.4		iterials and services (10279)			4.5.1.7	Communicate schedules with suppliers (12552)
		4.4.4.1	Process/Review requisitions (10292)		4.5.2	Schedule	and perform maintenance (10305)
		4.4.4.2	Approve requisitions (10293)			4.5.2.1	Perform preventive maintenance (12525)
		4.4.4.3	Solicit/Track vendor quotes (10294)			4.5.2.2	Perform corrective maintenance (12526)
		4.4.4.4	Create/Distribute purchase orders (10295)			4.5.2.3	Analyze and report manufacturing operations
		4.4.4.5	Expedite orders and satisfy inquiries (10296)			4504	(12527)
		4.4.4.6	Reconcile purchase orders (10297)			4.5.2.4	Obtain, install and maintain equipment (12528)
	4 4 5	4.4.4.7	Research/Resolve order exceptions (10298)			4.5.2.5 4.5.2.6	Manage tools/crib (12529)
	4.4.5		nbound parts (12514)			4.5.2.6 4.5.2.7	Monitor equipment (12530) Schedule maintenance (12531)
		4.4.5.1	Inbound processing and receipt confirmation			4.5.2.7	Maintain equipment (12532)
			(12515)			4.J.Z.ŏ	ivianitain equipment (12532)

4.5.3	Plan mas	ter production (12533)				4.5.7.5	Manage physical inventory (12558)
	4.5.3.1		rial (BOM) for product			4.5.7.6	Dispatch and schedule people and tools (12559)
		structure (12534)				4.5.7.7	Manage equipment and parts inventory (12560)
	4.5.3.2	Create production pla	anning (12535)		4.5.8	Oversee	plant operations (12561)
	4.5.3.3	Determine cost for pr	roducts to be built (12536)			4.5.8.1	Track production - control / traceability (12562)
	4.5.3.4	Import plant supply in	nformation (12537)			4.5.8.2	Track and monitor production parameters
	4.5.3.5	Import plant demand	information (12538)				(12563)
	4.5.3.6	Determine master pro	oduction schedule (12539)			4.5.8.3	Assemble and package product (12564)
	4.5.3.7	Perform rough-cut ca	pacity planning (12540)			4.5.8.4	Broadcast messages (12565)
	4.5.3.8	Pass master producti	on schedule to MRP			4.5.8.5	Manage alerts (12566)
		(12541)				4.5.8.6	Manage manufacturing order management
	4.5.3.9	-	duction schedule (12542)				(12567)
	4.5.3.10		equirements plan-MRP			4.5.8.7	Control flow (12568)
	4.5.3.11	(12543)	o dealers, distributors	4.6	Mana	ge logist	ics and warehousing (10219)
	4.5.5.11	(12544)	o dealers, distributors		4.6.1	Provide I	ogistics governance (10338)
4.5.4	Produce/	Assemble product (103	04)			4.6.1.1	Translate customer service requirements into
	4.5.4.1	Manage raw materia					logistics requirements (10343)
	4.5.4.2	Execute detailed line	• • • • • • • • • • • • • • • • • • • •			4.6.1.2	Design logistics network (10344)
	4.5.4.3	Report maintenance				4.6.1.3	Communicate outsourcing needs (10345)
	4.5.4.4	Rerun defective item				4.6.1.4	Develop and maintain delivery service policy
	4.5.4.5	Monitor and optimize	production process				(10346)
		(19566)				4.6.1.5	Optimize transportation schedules and costs
		4.5.4.5.1 Automate	and control plant (19567)				(10347)
			dvanced process control			4.6.1.6	Define key performance measures (10348)
		(19568)				4.6.1.7	Define reverse logistics strategy (16905)
			al-time optimization		4.6.2		manage inbound material flow (20936)
		(19569)	lant alarma and alarta			4.6.2.1	Plan inbound material receipts (10349)
		4.5.4.5.4 Manage p (19570)	lant alarms and alerts			4.6.2.2	Manage inbound material flow (10350)
	4.5.4.6	Repair defective item	ns (12522)			4.6.2.3	Monitor inbound delivery performance (10351)
	4.5.4.7	Confirm production (1				4.6.2.4	Manage flow of returned products (10352)
	4.5.4.8	Back-flush inventory				4.6.2.5	Control quality of returned parts (12708)
4.5.5		quality testing (10369)	(12021)			4.6.2.6	Salvage or repair returned products (20109)
	4.5.5.1	Calibrate test equipm	nent (10318)				4.6.2.6.1 Perform salvage activities (10366)
	4.5.5.2	Perform testing using					4.6.2.6.2 Manage repair/refurbishment and return to customer/stock (14195)
		procedure (10374)	J		4.6.3	Operate	warehousing (10340)
	4.5.5.3	Manage quality samp	oles (20956)		4.0.3	4.6.3.1	Track inventory deployment (10353)
	4.5.5.4	Record test results (1	0375)			4.6.3.2	Receive, inspect, and store inbound deliveries
	4.5.5.5	Track and analyze no (12045)	n-conformance trends				(10354)
	4.5.5.6	Perform root cause a	nalysis (12046)			4.6.3.3	Track product availability (10355)
4.5.6			d manage lot traceability			4.6.3.4	Pick, pack, and ship product for delivery (10356)
	(10370)		- · · · · · · · · · · · · · · · · · · ·			4.6.3.5	Track inventory accuracy (10357)
	4.5.6.1	Determine lot numbe	- ·			4.6.3.6	Track third-party logistics storage and shipping performance (10358)
	4.5.6.2	Determine lot use (10				4.6.3.7	Manage physical finished goods inventory
4.5.7		collaborative planning v				2.3	(10359)
	4.5.7.1	Plan for inbound proc confirmation (12554)	essing and receipt			4.6.3.8	Manage warehouse transfers (20957)
	4.5.7.2		line (12555)		4.6.4	Operate	outbound transportation (10341)
	4.5.7.2	Sequence production line (12555) Implement Kanban (12556)			4.0.4	4.6.4.1	Plan, transport, and deliver outbound product
	4.5.7.3	Replenish line based					(10360)
	T.U.1.4	портошан ште разец	on domand (12007)			4.6.4.2	Track carrier delivery performance (10361)

		4.6.4.3 4.6.4.4	Manage transportation fleet (10362) Process and audit carrier invoices and			4.7.2.2	Establish inventory management constraints (10268)
			documents (10363)			4.7.2.3	Establish transportation management
4.7	Plan a	and mana	ge distribution (18123)				constraints (10269)
	4.7.1		ibution requirements (17042)			4.7.2.4	Establish storage management constraints (19558)
		4.7.1.1	Allocate available to promise (10251)		4.7.3	Review d	listribution planning policies (10227)
		4.7.1.2	Maintain master data (10252)		1.7.0	4.7.3.1	Review distribution network (10264)
		4.7.1.3	Determine finished goods inventory			4.7.3.1	Establish sourcing relationships (10265)
		1711	requirements at destination (10253)				• • • • • • • • • • • • • • • • • • • •
		4.7.1.4	Determine product storage facility requirements (19555)			4.7.3.3	Establish dynamic deployment policies (10266)
		4.7.1.5	Calculate requirements at destination (10254)	4.8	Produ	ıction mo	nitoring (12618)
			.6 Calculate consolidation at source (10255)	4.8.1	Assess N	Master Production Schedule (MPS) and	
		4.7.1.6			Manufac	turing Resource Planning (MRP) performance	
		4.7.1.7	(10256)			(12619)	
		4.7.1.8	Manage requirements for partners (10257)			4.8.1.1	Establish appropriate performance measures
		4.7.1.0	Calculate and optimize destination dispatch				(12620)
		4.7.1.9	plan (10258)			4.8.1.2	Establish production monitoring frequency
		4.7.1.10	Manage dispatch plan attainment (10259)				(12621)
		4.7.1.10	Calculate and optimize destination load plans			4.8.1.3	Calculate production performance measures
		4.7.1.11	(10260)				(12622)
		4.7.1.12	Manage partner load plan (10261)			4.8.1.4	Identify production performance trends (12623)
		4.7.1.13	Manage cost of supply (10262)			4.8.1.5	Identify issues/problems with performance
		4.7.1.14	Manage capacity utilization (10263)			1.0.1.0	(12624)
	4.7.2		distribution planning constraints (10226)			4.8.1.6	Prepare appropriate reports (12625)
	4.7.2					4.8.1.7	Develop action plan to improve performance
		4.7.2.1	Establish distribution center layout constraints (10267)			4.0.1.7	(12626)

5.0 Deliver Service (20025)

5.1	Estab (2002)		ce delivery governance and strategies			5.2.2.6	Monitor and manage resource capacity and availability (20056)
	5.1.1	Establish	service delivery governance (20027)		5.2.3	Enable s	ervice delivery resources (12127)
		5.1.1.1	Set up and maintain service delivery			5.2.3.1	Develop service delivery training plan (12128)
			governance and management system (20028)			5.2.3.2	Develop training materials (12129)
		5.1.1.2	Manage service delivery performance (20029)			5.2.3.3	Manage training schedule (12131)
		5.1.1.3	Manage service delivery development and			5.2.3.4	Deliver operations training (12132)
			direction (20030)			5.2.3.5	Deliver technical training (12133)
		5.1.1.4	Solicit feedback from customer on service			5.2.3.6	Perform skill and capability testing (20057)
	F 1 0	Б	delivery satisfaction (20031)			5.2.3.7	Evaluate training effectiveness (12135)
	5.1.2	•	service delivery strategies (20032)	5.3	Deliv	er servic	e to customer (20058)
		5.1.2.1	Define service delivery goals (20033)		5.3.1	Initiate s	ervice delivery (20059)
		5.1.2.2	Define labor policies (20034)			5.3.1.1	Review contract and agreed terms (20060)
		5.1.2.3 5.1.2.4	Evaluate resource availability (20035) Define service delivery network and supply			5.3.1.2	Understand customer requirements and define
		J.1.Z.4	constraints (20036)				refine approach (20061)
		5.1.2.5	Define service delivery process (20037)			5.3.1.3	Modify/revise and approve project plan (20062)
		5.1.2.6	Review and validate service delivery procedures			5.3.1.4	Review customer business objectives (20063)
		0111210	(20038)			5.3.1.5	Confirm environmental readiness (20064)
		5.1.2.7	Define service delivery workplace layout and			5.3.1.6	Identify, select, and assign resources (20065)
			infrastructure (20039)				5.3.1.6.1 Establish people objectives (20066)
5.2	Mana	ge servi	e delivery resources (20040)				5.3.1.6.2 Establish engagement rules (20067)
	5.2.1	Manage	service delivery resource demand (20041)			5.3.1.7	Plan for service delivery (20068)
		5.2.1.1	Monitor pipeline (20042)		5.3.2	Execute	service delivery (20069)
		5.2.1.2	Develop baseline forecasts (20043)			5.3.2.1	Analyze environment and customer needs
		5.2.1.3	Collaborate with customers (20044)			F 0 0 0	(20070)
		5.2.1.4	Develop consensus forecast (20045)			5.3.2.2	Define solution (20071)
		5.2.1.5	Determine availability of skills to deliver on			5.3.2.3	Validate solution (20072)
			current and forecast customer orders (20046)			5.3.2.4	Identify changes (20073)
		5.2.1.6	Monitor activity against forecast and revise			5.3.2.5	Obtain approval to proceed (20074)
			forecast (20047)			5.3.2.6	Make build/buy solution (20075)
		5.2.1.7	Evaluate and revise forecasting approach		F 0 0	5.3.2.7	Deploy solution (20076)
		F 2 1 0	(20048)		5.3.3	•	e service delivery (20077)
	Гаа	5.2.1.8	Measure forecast accuracy (20049)			5.3.3.1	Conduct service delivery/project review and evaluate success (20078)
	5.2.2	5.2.2.1	nd manage resource plan (20050)			5.3.3.2	Complete/finalize financial management
			Define and manage skills taxonomy (20051)			0.0.0.2	activities (20079)
		5.2.2.2	Create resource plan (20052)			5.3.3.3	Confirm delivery according to contract terms
		5.2.2.3	Match resource demand with capacity, skills, and capabilities (20053)				(20080)
		5.2.2.4	Collaborate with suppliers and partners to			5.3.3.4	Release resources (20081)
			supplement skills and capabilities (20054)			5.3.3.5	Manage service delivery completion (20082)
		5.2.2.5	Identify critical resources and supplier capacity			5.3.3.6	Harvest knowledge (20083)
			(20055)			5.3.3.7	Archive records and update systems (20084)

6.0 Manage Customer Service (10006)

6.1 Develop post vehicle sale, customer care/customer service strategy (12635)

- 6.1.1 Develop customer service segmentation/prioritization (e.g., tiers)(10381)
 - 6.1.1.1 Analyze existing customers (10384)
 - 6.1.1.2 Analyze feedback of customer needs (10385)
- 6.1.2 Define customer service policies and procedures (10382)
- 6.1.3 Establish target service level for each customer segment (10383)
 - 6.1.3.1 Determine warranty policies vs. goodwill practices (12636)
 - 6.1.3.2 Integrate dealer standards into customer care practices (12637)
 - 6.1.3.3 Develop after-sales part and service plan (12638)

6.2 Plan and manage customer service contacts (10379)

- 6.2.1 Plan and manage customer service work force (10387)
 - 6.2.1.1 Forecast volume of customer service contacts (10390)
 - 6.2.1.2 Schedule customer service work force (10391)
 - 6.2.1.3 Track work force utilization (10392)
 - 6.2.1.4 Monitor and evaluate quality of customer interactions with customer service representatives (10393)
- 6.2.2 Manage customer service problems, requests, and inquiries (10388)
 - 6.2.2.1 Receive customer problems, requests, and inquiries (10394)
 - 6.2.2.2 Analyze problems, requests, and inquiries (13482)
 - 6.2.2.3 Resolve customer problems, requests, and inquiries (10395)
 - 6.2.2.4 Respond to customer problems, requests, and inquiries (10396)
 - 6.2.2.5 Identify and capture upsell/cross-sell opportunities (16928)
 - 6.2.2.6 Deliver opportunity to sales team (16937)
- 6.2.3 Manage customer complaints (10389)
 - 6.2.3.1 Receive customer complaints (10397)
 - 6.2.3.2 Route customer customer complaints (10398)
 - 6.2.3.3 Resolve customer complaints (10399)
 - 6.2.3.4 Respond to customer customer complaints (10400)
 - 6.2.3.5 Analyze customer complaints and response/ redressal (19072)
- 6.2.4 Process returns (20094)
 - 6.2.4.1 Authorize return (10364)
 - 6.2.4.2 Process return and record reason (20095)
- 6.2.5 Report incidents and risks to regulatory bodies (12840)

6.3 Enable and support after-sales installations and repairs i.e. vehicle service (12643)

- 6.3.1 Determine dealer installed accessory and installations (12644)
- 6.3.2 Develop/distribute service procedures (12645)
- 6.3.3 Develop service technology, parameters (12646)
- 6.3.4 Train service providers (12647)
- 6.3.5 Define service attributes to the dealers (12648)
- 6.3.6 Resolve technical issues (12649)
- 6.3.7 Resolve collision issues (12650)

6.4 Evaluate customer service operations and customer satisfaction (20595)

- 6.4.1 Measure customer satisfaction with customer problems, requests, and inquiries handling (10401)
 - 6.4.1.1 Solicit customer feedback on customer service experience (11687)
 - 6.4.1.2 Analyze customer service data and identify improvement opportunities (11688)
 - 6.4.1.3 Provide customer feedback to product management on customer service experience (18126)
- 6.4.2 Measure customer satisfaction with customer- complaint handling and resolution (10402)
 - 6.4.2.1 Solicit customer feedback on complaint handling and resolution (11236)
 - 6.4.2.2 Analyze customer complaint data and identify improvement opportunities (11237)
 - 6.4.2.3 Identify common customer complaints (11689)
- 6.4.3 Measure customer satisfaction with products and services (10403)
 - 6.4.3.1 Follow-up on consumer delivery/sales (12436)
 - 6.4.3.2 Gather and solicit post-sale customer feedback on products and services (11238)
 - 6.4.3.3 Solicit post-sale customer feedback on ad effectiveness (11239)
 - 6.4.3.4 Solicit customer feedback on cross-channel experience (20117)
 - 6.4.3.5 Analyze product and service satisfaction data and identify improvement opportunities (11240)
 - 6.4.3.6 Provide feedback and insights to appropriate teams (product design/development, marketing, manufacturing) (11241)

6.5 Provide value-add services (12437)

6.6 Train and manage customer service work force (12651)

- 6.6.1 Develop training and certification (12652)
 - 6.6.1.1 Manage OEM wholesale service support staff training and business practices (12653)
 - 6.6.1.2 Work with dealer service advisor and technicians for proper training (12654)

	6.6.2	Evaluato	guality of c	sustomer interaction with customer				wooto /10	2674)
	U.U.Z			ves (12655)			6.7.5.5	waste (12	te fraudulent claims (20120)
		6.6.2.1	-	and evaluate agent calls with		6.7.6		_	ormance (20121)
			customer			6.7.7		roducts (10	
		6.6.2.2		and evaluate agent correspondence omers (12657)		G .7	6.7.7.1	Identify a	and schedule resources to meet service ents (10321)
6.7	Servi	ce produc	ts after sa	ales (12658)				-	Create resourcing plan and schedule
	6.7.1	Register	products (2	0605)					(10327)
	6.7.2	Define w	arranty offe	ering (20089)				6.7.7.1.2	Create service order fulfillment schedule (10328)
		6.7.2.1	Determin (16893)	e and document warranty policies			6.7.7.2	Provide s	ervice to specific customers (10322)
		6.7.2.2	Create an	nd manage warranty rules/claim codes				6.7.7.2.1	fulfillment schedule (10330)
		6.7.2.3	•	arranty responsibilities with suppliers					Execute product repair (10331)
		0724	(20090)					6.7.7.2.3	Manage service order fulfillment (10332)
		6.7.2.4	(20091)	arranty related offerings for customers			6.7.7.3	Ensure qu	uality of service (10323)
		6.7.2.5		cate warranty policies and offerings					Identify completed service orders for feedback (10334)
		6.7.2.6	Manage _I	oreauthorizations (20102)				6.7.7.3.2	Identify incomplete service orders and service failures (10335)
		6.7.2.7	Develop r	recall strategy (20092)				6.7.7.3.3	
	6.7.3		-	aims (12669)				0.7.7.0.0	services delivered (10336)
		6.7.3.1		varranty claim (20096)				6.7.7.3.4	
		6.7.3.2		warranty claim (12671)					services delivered (10337)
		6.7.3.3	_	te warranty issues (20097)	6.8	Mana	ge produ	ct recalls	and regulatory audits (20110)
				Define issue (20098)		6.8.1	Initiate re	ecall (2011)	1)
			6.7.3.3.3	Schedule field service (12677) Request and receive defective part		6.8.2			d and consequences of occurrence of
			0.7.3.3.3	(12678)		0.0.0	•	rds (20112)	
			6.7.3.3.4	Investigate issue/perform root cause		6.8.3	•		ed communications (20113)
				analysis (20099)		6.8.4 6.8.5		-	eports (20114) ecall effectiveness (20115)
			6.7.3.3.5	Receive investigation result/					ination (20116)
				recommendation for corrective action (20100)	6.9		Ū		ce (12439)
		6.7.3.4	Determin	e responsible party (20101)				y after sal	
		6.7.3.5	Approve of	or reject warranty claim (12668)	0.10			-	
		6.7.3.6		ginator of approve/reject decision		0.10.1	6.10.2		agement (12680) early warning data (12682)
			(20103)				6.10.3	-	eedback to enterprise (12683)
		6.7.3.7		payment (20104)	6 11	Mana	ge parts		, , , , , , , , , , , , , , , , , , , ,
		6.7.3.8		im (20105)	0.11				fter sale (12686)
		6.7.3.9	(12667)	warranty transaction disposition			-	-	parts catalog (12687)
	6.7.4	Manage	supplier red	covery (20106)			_		ate parts (12688)
		6.7.4.1	Create su	pplier recovery claims (20107)		6.11.4	Manage	returns (12	689)
		6.7.4.2	Negotiate	e recoveries with suppliers (20108)		6.11.5	Rebuild p	oart (12690)	
	6.7.5	Evaluate	and manag	e warranty performance (12672)		6.11.6	Manage	parts retail	operations (12691)
		6.7.5.1		customer satisfaction with warranty	6.12	Servi	ce parts (12692)	
		0750	-	and resolution (20118)		6.12.1	Perform s	service part	ts planning (12693)
		6.7.5.2	Monitor a metrics (1	and report on warranty management			6.12.1.1	Design st	trategic supply chain (12694)
		6.7.5.3		mprovement opportunities (20119)			6.12.1.2	· ·	s demand (12695)
		6.7.5.4	-	pportunities to eliminate warranty			6.12.1.3	Plan parts	s inventory (12696)
		0.7.0.4	identity 0	pportunitios to omininate warranty					

6.12.1.4	Plan parts supply (12697)			6.12.2.8 Execute parts transportation (12711)
6.12.1.5	Plan parts distribution (12698)			6.12.2.9 Perform billing (12712)
6.12.1.6	Collaborate with supplier (12699)			6.12.2.10 Process complaints (12713)
6.12.1.7	Monitor and control parts supply chain (12700)			6.12.2.11 Process product service letter (12714)
6.12.1.8	Monitor parts (12701)			6.12.2.12 Monitor and control supply chain (12715)
6.12.2 Perform s	service parts execution (12702)			.,,
6.12.2.1	Process parts purchase order (12703)	6.13	Mana	ge end-of-life vehicle (12716)
6.12.2.2	Process inbound parts and confirm receipt		6.13.1	Manage take-back centers (12717)
	(12704)		6.13.2	Dismantle vehicles (12718)
6.12.2.3	Perform warehousing and storage (12705)			Track vehicle parts (12719)
6.12.2.4	Maintain physical inventory (12706)			
6.12.2.5	Perform parts cross-docking (12707)		6.13.4	Recycle vehicle parts (12720)
6.12.2.6	Process sales order (12709)		6.13.5	Ship hazardous material (12721)
6.12.2.7	Process outbound parts (12710)		6.13.6	Provide government reporting (12722)

7.0 Develop and Manage Human Capital (10007)

7.1			anage human resources planning, policies,			7.2.1.7	Manage r	requisition dates (10452)
	and s	trategies	(17043)		7.2.2	Recruit/S	Source cand	lidates (10440)
	7.1.1	Develop 7.1.1.1	human resources strategy (20958) Identify strategic HR needs (10418)			7.2.2.1	Determine (10453)	e recruitment methods and channels
		7.1.1.2	Define HR and business function roles and			7.2.2.2	Perform r	ecruiting activities/events (10454)
			accountability (10419)			7.2.2.3	Manage r	recruitment vendors (10455)
		7.1.1.3	Determine HR costs (10420)			7.2.2.4	Manage 6	employee referral programs (17047)
		7.1.1.4	Establish HR measures (10421)			7.2.2.5	Manage r	recruitment channels (17048)
		7.1.1.5	Communicate HR strategies (10422)		7.2.3	Screen a	and select ca	andidates (20123)
		7.1.1.6	Develop strategy for HR systems/technologies/tools (10432)			7.2.3.1	Identify a (10456)	nd deploy candidate selection tools
		7.1.1.7	Manage employer branding (20606)			7.2.3.2	Interview	candidates (10457)
	7.1.2		and implement workforce strategy and policies			7.2.3.3	Test cand	lidates (10458)
		(17045)				7.2.3.4	Select an	d reject candidates (10459)
		7.1.2.1	Gather skill requirements according to		7.2.4	Manage	new hire/re	e-hire (10443)
			corporate strategy and market environment (10423)			7.2.4.1	Draw up a	and make offer (10463)
		7.1.2.2	Plan employee resourcing requirements per			7.2.4.2	Negotiate	e offer (10464)
		1.1.2.2	business unit/organization (10424)			7.2.4.3	Hire cand	idate (10465)
		7.1.2.3	Develop compensation plan (10425)		7.2.5	Manage	applicant in	nformation (10444)
		7111210	7.1.2.3.1 Establish incentive plan (10210)			7.2.5.1	Obtain ca	ndidate background information (10460)
		7.1.2.4	Develop succession plan (10426)			7.2.5.2	Create ap	plicant record (10466)
		7.1.2.5	Develop high performers/leadership programs			7.2.5.3	Manage/	track applicant data (10467)
		7.1.2.6	(16938) Develop employee diversity plan (10427)				7.2.5.3.1	Complete position classification and level of experience (20124)
		7.1.2.7	Develop training program (11622)			7.2.5.4	Archive a	nd retain records of non-hires (10468)
		7.1.2.7	Develop recruitment program (11623)	7.3	Mana			arding, development, and training
		7.1.2.9	Develop other HR programs (10428)	7.5	(2059	-	byce on bo	dianing, acveropment, and training
		7.1.2.3	Develop HR policies (10429)		7.3.1		omplovoo d	prientation and deployment (10469)
		7.1.2.10	Administer HR policies (10430)		7.3.1	7.3.1.1		aintain employee on-boarding program
		7.1.2.11	Plan employee benefits (10431)			7.3.1.1	(10474)	anitani employee on-boarding program
		7.1.2.12	Develop workforce strategy models (10433)				7.3.1.1.1	Develop employee induction
			Implement workforce strategy models (20122)				, 10111111	program (10477)
	7.1.3		and update strategy, plans, and policies (10417)				7.3.1.1.2	Maintain/Update employee
	7.1.0	7.1.3.1	Measure realization of objectives (10434)					induction program (10478)
		7.1.3.2	Measure contribution to business strategy (10435)			7.3.1.2		the effectiveness of the employee
		7.1.3.3	Communicate plans and provide updates to					ng program (11243)
			stakeholders (10436)			7.3.1.3		n-boarding program (17050)
		7.1.3.4	Review and revise HR plans (10438)		7.3.2	•		performance (10470)
	7.1.4	Develop	competency management models (17046)			7.3.2.1		nployee performance objectives (10479)
7.2			e, and select employees (10410)			7.3.2.2		appraise, and manage employee nce (10480)
	7.2.1	-	employee requisitions (10439)			7.3.2.3		and review performance program
		7.2.1.1	Align staffing plan to work force plan and business unit strategies/resource needs (10445)		7.0.0		(10481)	
		7.2.1.2	Develop and maintain job descriptions (10447)		7.3.3	-		development (10472)
		7.2.1.2	Open job requisitions (10446)			7.3.3.1		nployee development guidelines (10487)
		7.2.1.4	Post job requisitions (10448)			7.3.3.2	Develop e paths (10-	employee career plans and career
		7.2.1.5	Modify job requisitions (10450)			7.3.3.3	•	employee skill and competency
		7.2.1.6	Notify hiring manager (10451)			7.0.0.0		ent (17051)

	7.3.4	Develop	and train e	mployees (10473)			7.5.2.2 Administer benefit enrollment (10505)	
		7.3.4.1		ployee with organization development			7.5.2.3 Process claims (10506)	
			needs (10				7.5.2.4 Perform benefit reconciliation (10507)	
		7.3.4.2		nployee competencies (16940)		7.5.3	Manage employee assistance and retention (10496)	
		7.3.4.3	(10491)	rning programs with competencies			7.5.3.1 Deliver programs to support work/life balance for employees (10508)	
		7.3.4.4		training needs by analysis of required able skills (10492)			7.5.3.2 Develop family support systems (10509)7.5.3.3 Review retention and motivation indicators	
		7.3.4.5		conduct, and manage employee and/ ement training programs (10493)			(10510)	
		7.3.4.6		and manage technician training for the enterprise (18127)		7.5.4	7.5.3.4 Review compensation plan (10511) Administer payroll (10497)	
		7.3.4.7	Manage 6	examinations and certifications (20125)	7.6	Rede	eploy and retire employees (10413)	
			7.3.4.7.1	Liaise with external certification		7.6.1	Manage promotion and demotion process (10512)	
			70470	authorities (20126)		7.6.2	Manage separation (10513)	
			7.3.4.7.2	Administer certification tests (20127)		7.6.3	Manage retirement (10514)	
			7.3.4.7.3	Appraise experience qualifications		7.6.4	Manage leave of absence (10515)	
				(20128)		7.6.5	Develop and implement employee outplacement (10516)	
			7.3.4.7.4	Administer certificate issue and		7.6.6	Manage workforce scheduling (20132)	
7.4	Mana	nae emnla	ovee relati	maintenance (20129) fons (17052)			7.6.6.1 Receive required resources/skills and capabilities (20133)	
/		•	-				7.6.6.2 Manage resource deployment (10517)	
	7.4.1 7.4.2	_		ons (10483) pargaining process (10484)		7.6.7	Relocate employees and manage assignments (17055)	
	7.4.3	-		gement partnerships (10485)			7.6.7.1 Manage expatriates (10520)	
	7.4.4			grievances (10531)	7.7	Mana	age employee information and analytics (17056)	
7.5		_		oyees (10412)		7.7.1	Manage reporting processes (10522)	
"	7.5.1		•	e reward, recognition, and motivation		7.7.2	Manage employee inquiry process (10523)	
	7.J.1		s (10494)	e reward, recognition, and motivation		7.7.3	Manage and maintain employee data (10524)	
		7.5.1.1		salary/compensation structure and 98)		7.7.4	Manage human resource information systems HRIS (10525)	
		7.5.1.2	•	penefits and reward plan (10499)		7.7.5	Develop and manage employee metrics (10526)	
		7.5.1.3	Perform or rewards (ompetitive analysis of benefit and 10500)		7.7.6	Develop and manage time and attendance systems (10527)	
		7.5.1.4		ompensation requirements based on benefits, and HR policies (10501)		7.7.7	Manage/Collect employee suggestions and perform employee research (10530)	
		7.5.1.5		er compensation and rewards to ss (10502)	7.8	Mana	age employee communication (17057)	
		7.5.1.6		nd motivate employees (10503)		7.8.1	Develop employee communication plan (10529)	
	7.5.2	Manage	and admini	ster benefits (10495)		7.8.2	Conduct employee engagement surveys (16944)	
		7.5.2.1	Deliver er	mployee benefits program (10504)	7.9	Deliv	ver employee communications (10532)	

8.0 Manage Information Technology (IT) (20607)

8.1.1 Understand IT customer needs (20609) 8.1.1.1 Understand IT customer communities (20610) 8.1.1.2 Assess IT customer operational capabilities (20611) 8.1.2 Identify IT customer transformation needs (20612) 8.1.2.1 Understand business requirements for IT capabilities (20613) 8.1.2.2 Understand IT landscape(20614) 8.1.2.3 Develop IT visioning (20615) 8.1.2.4 Outline IT service expectations (20616) 8.1.3 Plan and communicate IT services (20617) 8.1.3.1 Manage IT customer expectations (20618) 8.1.3.2 Define future IT services (20619) 8.1.3.3 Determine IT performance indicators (20620) 8.1.3.4 Create IT marketing messages (20621) 8.1.4 Provide IT transformation plans (20624) 8.1.4.2 Collect IT customer requirements (20625) 8.1.4.3 Analyze IT customer requirements (20626) 8.1.4.4 Identify and prioritize IT operformance indicators (20626) 8.1.4.5 Facilitate solution design activities (20627) 8.1.4.6 Prioritize IT outcomers (20629) 8.1.4.7 Develop business case (20629) 8.1.4.8 Support business case (20629) 8.1.4.9 Develop transformation meads (20631) 8.2.1 Define business technology and governance strategy (20653) 8.2.1 Build and maintain IT strategic intelligence (20654) 8.2.1.3 Define and communicate digital transformation strategy (20656) 8.2.1.3 Define and communicate digital transformation strategy (20656) 8.2.1.4 Develop IT strategic alignment (20657) 8.2.2.5 Articulate IT alignment principles (20658) 8.2.2.6 Maintain IT strategic alignment (20659) 8.2.2.1 Establish and validate IT value criteria (20661) 8.2.2.2 Determine IT portfolio investment balance (20663) 8.2.2.3 Evaluate proposed IT investment projects (20666) 8.2.2.4 Prioritize IT projects (20666) 8.2.2.5 Align IT portfolio to business objectives (20667) 8.2.2.6 Align IT portfolio to pusiness objectives (20667) 8.2.3 Define and maintain enterprise architecture principles (20670)	8.1	Devel	op and m	anage IT customer relationships (20608)				services (20647)
8.1.1 Understand IT customer communities (20610) 8.1.1.2 Assess IT customer operational capabilities (20611) 8.1.2.1 Understand business requirements for IT capabilities (20613) 8.1.2.2 Understand IT landscape(20614) 8.1.2.3 Develop IT visioning (20615) 8.1.2.4 Outline IT service expectations (20610) 8.1.3 Plan and communicate IT services (20617) 8.1.3.1 Manage IT customer expectations (20618) 8.1.3.2 Define future IT services (20619) 8.1.3.3 Determine IT performance indicators (20620) 8.1.3.4 Create IT marketing messages (20621) 8.1.3.5 Create IT service marketing plan (20622) 8.1.4.1 Develop IT transformation guidance (20623) 8.1.4.2 Collect IT customer requirements (20625) 8.1.4.3 Analyze IT customer requirements (20625) 8.1.4.4 Identify and prioritize IT opportunities (20626) 8.1.4.5 Facilitate solution design activities (20627) 8.1.4.6 Prioritize IT outcomes (20628) 8.1.4.7 Develop business cases (20629) 8.1.4.8 Support business case (20630) 8.1.4.9 Develop transformation readman (20631)			-	•			8.1.7.4	Synthesize and distribute IT
8.1.2 Assess IT customer operational capabilities (20611) 8.1.2 Identify IT customer transformation needs (20612) 8.1.2.1 Understand business requirements for IT capabilities (20613) 8.1.2.2 Understand IT landscape(20614) 8.1.2.3 Develop IT visioning (20615) 8.1.2.4 Outline IT service expectations (20616) 8.1.3 Plan and communicate IT services (20617) 8.1.3.1 Manage IT customer expectations (20618) 8.1.3.2 Define dusiness technology and governance strategy (20654) 8.2.1.1 Build and maintain IT strategic intelligence (20654) 8.2.1.2 Monitor and map current and emerging technologies (20655) 8.2.1.3 Define and communicate IT services (20617) 8.1.3.1 Manage IT customer expectations (20618) 8.1.3.2 Define future IT services (20619) 8.1.3.3 Determine IT performance indicators (20620) 8.1.3.4 Create IT marketing messages (20621) 8.1.4.1 Develop IT transformation guidance (20623) 8.1.4.2 Collect IT customer requirements (20624) 8.1.4.3 Analyze IT customer requirements (20625) 8.1.4.4 Identify and prioritize IT opportunities (20626) 8.1.4.5 Facilitate solution design activities (20627) 8.1.4.6 Prioritize IT outcomes (20628) 8.1.4.7 Develop business cases (20629) 8.1.4.8 Support business cases (20630) 8.2.1 Build and maintain IT strategic intelligence (20654) 8.2.1.2 Monitor and map current and emerging technologies (20655) 8.2.1.3 Define and communicate IT strategic alignment (20657) 8.2.1.4 Develop IT strategic alignment (20657) 8.2.1.5 Articulate IT alignment principles (20660) 8.2.2 Manage IT portfolio strategy (20660) 8.2.2.1 Establish and validate IT value criteria (20661) 8.2.2.2 Determine IT portfolio investment balance (20662) 8.2.2.3 Evaluate proposed IT investment projects (20663) 8.2.2.4 Prioritize IT projects (20664) 8.2.2.5 Align IT resources to strategic priorities (20665) 8.2.2.6 Align IT persources to strategic priorities (20665) 8.2.3 Define and maintain enterprise architecture principles (20670)		0.1.1						performance information (20938)
8.1.2 Identify IT customer transformation needs (20612) 8.1.2.1 Understand business requirements for IT capabilities (20613) 8.1.2.2 Understand IT landscape(20614) 8.1.2.3 Develop IT visioning (20615) 8.1.2.4 Outline IT service expectations (20616) 8.1.3.1 Manage IT customer expectations (20618) 8.1.3.2 Define future IT services (20619) 8.1.3.3 Determine IT performance indicators (20620) 8.1.3.4 Create IT marketing messages (20621) 8.1.4 Provide IT transformation guidance (20623) 8.1.4.1 Develop IT transformation plans (20624) 8.1.4.2 Collect IT customer requirements (20625) 8.1.4.3 Analyze IT customer requirements (20626) 8.1.4.4 Identify and prioritize IT opportunities (20626) 8.1.4.5 Facilitate solution design activities (20627) 8.1.4.6 Prioritize IT outcomes (20628) 8.1.4.7 Develop business case (20630) 8.1.4.8 Support business case (20630) 8.1.4.9 Develop It transformation meeds (20631) 8.1.4 Pevelog IT transformation plans (20628) 8.1.4.9 Develop IT transformation plans (20629) 8.1.4.1 Develop IT transformation plans (20628) 8.1.4.2 Collect IT customer requirements (20625) 8.1.4.3 Analyze IT customer requirements (20625) 8.1.4.4 Prioritize IT outcomes (20628) 8.1.4.5 Facilitate solution design activities (20627) 8.1.4.6 Prioritize IT outcomes (20628) 8.1.4.7 Develop business case (20630) 8.1.4.8 Support business case (20630) 8.1.4.9 Develop transformation median (20631)					8.2	Deve	lop and m	anage IT business strategy (20652)
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		0.0.0.0	authorization systems (20764)			8.5.2.3	Determine IT service/solution approach (20796)
8.4	Mana	ge inform	ation (20765)			8.5.2.4 8.5.2.5	Define IT solution lifecycle (20797) Develop IT service/solution "sunset" plans
	8.4.1	Define bu (20766)	siness information and analytics strategy		0.5.0		(20798)
		8.4.1.1	Establish data, information, and analytic		8.5.3	-	and manage service/solution architecture (20799)
		0.4.1.1	objectives (20767)			8.5.3.1	Assess IT application and infrastructure architecture constraints (20800)
		8.4.1.2	Establish data, information, and analytic governance (20768)			8.5.3.2	Assess business constraints on IT service/ solution (20801)
		8.4.1.3	Access IT data/analytic capabilities (20769)			8.5.3.3	Determine IT component integration
	8.4.2	Define an (20770)	d maintain business information architecture			8.5.3.4	requirements (20802) Identify opportunities for IT component reuse
		8.4.2.1	Determine enterprise business information requirements (20771)			8.5.3.5	(20803) Promote adoption of existing service/solution
		8.4.2.2	Define enterprise data models (20772)				architecture (20804)
		8.4.2.3	Identify and understand external data sources (20773)			8.5.3.6	Develop and maintain service/solution architectures (20805)
		8.4.2.4	Establish data ownership and stewardship responsibilities (20774)			8.5.3.7	Assess IT service/solution architecture conformance (20806)
		8.4.2.5	Maintain and evolve enterprise data and			8.5.3.8	Manage architectural exceptions (20807)
		5.0	information architecture (20775)		8.5.4		T service/solution creation and testing (20808)
	8.4.3		d execute business information lifecycle and control (20776)			8.5.4.1	Execute IT service/solution development lifecycle (20809)
		8.4.3.1	Define and maintain enterprise information policies, standards, and procedures (20777)				8.5.4.1.1 Assess and validate IT service/ solution requirements (20810)
		8.4.3.2	Implement and execute data administration responsibilities (20778)				8.5.4.1.2 Create service/solution design (20811)
	8.4.4	Manage b	ousiness information content (20779)				8.5.4.1.3 Build and test IT service/solution
		8.4.4.1	Monitor and control business information				components (20812)
		8.4.4.2	(20780) Maintain business information feeds and				8.5.4.1.4 Integrate IT components and services (20813)
		8.4.4.3	repositories (20781) Perform internal usage audits (20782)				8.5.4.1.5 Execute IT service/solution validation (20814)
		ს.4.4.პ	i enomi internar usaye audits (20/02)				vanuation (20014)

			8.5.4.1.6	Bundle service/solution deployment			8.6.4.4	Confirm i	mplementation completion (20852)
				packaging (20815)			8.6.4.5	Implemen	nt software change/release (20853)
			8.5.4.1.7	Manage service/solution process			8.6.4.6	Perform p	oost-installation testing (20854)
	8.5.5	Perform	service/solu	exceptions (20816) Ition maintenance and testing (20817)			8.6.4.7	Distribute (20855)	e software components network-wide
		8.5.5.1	Execute l' lifecycle (T service/solution maintenance 20818)			8.6.4.8		ange/release implementation success
			8.5.5.1.1	Assess IT remediation (20819)			8.6.4.9		oll-back plan (20857)
			8.5.5.1.2	Modify service/solution design		8.6.5			solution rollout (20858)
				(20820)			8.6.5.1	Conduct I	T training (20859)
			8.5.5.1.3	Perform IT service/solution remediation (20821)			8.6.5.2	•	and distribute service/solution cations (20860)
			8.5.5.1.4	Manage service/solution operations (20822)			8.6.5.3	Support o	organizational changes (20861)
			8.5.5.1.5	Prepare fixed/enhanced service/			8.6.5.4		ollout plans (20862)
				solution packaging (20823)			8.6.5.5		ollout support (20863)
B.6	Deplo	y service	es/solution	ıs (20824)			8.6.5.6		rollout support capabilities (20864)
	8.6.1	-		e service/solution deployment strategy			8.6.5.7	Monitor a	and record rollout issues (20865)
	0.0.1	(20825)	ana managi	s service, solution acproyment strategy	8.7	Creat	e and ma	nage supp	ort services/solutions (20866)
		8.6.1.1	Assess IT	deployment business impact (20826)		8.7.1	Define a	nd establish	n service delivery strategy (20867)
		8.6.1.2	Establish	IT deployment policies (20827)			8.7.1.1		usiness objectives and IT service
		8.6.1.3	Define an	d create deployment procedure				delivery (2	
			workflow	(20828)			8.7.1.2		service delivery portfolio (20869)
		8.6.1.4 8.6.1.5		change/release standards (20829) eployment approval responsibilities			8.7.1.3	Create an (20870)	nd maintain IT service delivery model
		8.6.1.6	(20830)	. ,			8.7.1.4	Determine activities	e IT service delivery locations and (20871)
	8.6.2		-	leployments outcomes (20831)			8.7.1.5		service delivery sourcing strategy
	0.0.2			ution implementation (20832)			0.711.0	(20872)	correct activity occurring entating,
		8.6.2.1		deployment risk (20833)		8.7.2	Define a	nd develop	service support strategy (20873)
		8.6.2.2	sequence				8.7.2.1	Assess bu	usiness objectives and IT service elivery (20874)
		8.6.2.3		e implementation requirements			8.7.2.2		service support portfolio (20875)
		0.004	(20835)	alian was tasting and saccuracy			8.7.2.3		nd maintain IT support model (20876)
		8.6.2.4	(20836)	align user testing and resources			8.7.2.4		T support service sourcing strategy
		8.6.2.5		T training (20837)			0.7.2.1	(20877)	r capport solving contains
		8.6.2.6	•	plementation communications (20838)			8.7.2.5		support service framework (20878)
		8.6.2.7		T roll-back procedures (20839)			8.7.2.6		ervice support tools and technology
	8.6.3		-	loyment control (20840)				(20879)	
	0.0.0	8.6.3.1		change/release impact (20841)		8.7.3	Plan and	manage se	rvice delivery control (20880)
		8.6.3.2		hange/release compliance (20842)			8.7.3.1	Plan oper	rational activities for IT service
		8.6.3.3		change/release risk (20843)				delivery (2	20881)
		8.6.3.4		ite IT change (20844)				8.7.3.1.1	Schedule service delivery resources
		8.6.3.5		d communicate deployment schedule					(20882)
			(20845)					8.7.3.1.2	Maintain/optimize batch job schedule (20883)
		8.6.3.6		change/release deployment (20846)				8.7.3.1.3	Schedule change/release windows
	0.6.4	8.6.3.7		t IT change/release outcome (20847)					(20884)
	8.6.4			gy solutions (20848)				8.7.3.1.4	
		8.6.4.1	Confirm h (20849)	ardware/software operational status				8.7.3.1.5	archive activities (20885) Balance operational workloads
		8.6.4.2	Confirm o	perational availability (20850)					across available infrastructure
		8.6.4.3	Execute ii	nternal IT implementation plan (20851)					components (20886)

		8.7.3.1.6	Determine specific problem support		8.7.6.2	Run and monitor batch job schedule (20907)
			procedures (20887)		8.7.6.3	Manage service delivery workloads (20908)
8.7.4	(20888)	· ·	e infrastructure resource planning		8.7.6.4	Manage infrastructure performance and capacity (20909)
	8.7.4.1 8.7.4.2	Assess IT	T service delivery strategy (20889) infrastructure business objectives		8.7.6.5	Respond to unplanned operational issues (20910)
	0740	(20890)	IT information Hillain		8.7.6.6	Produce and distribute output media (20911)
	8.7.4.3	(20891)	e ongoing IT infrastructure capabilities		8.7.6.7	Monitor IT infrastructure security (20912)
	8.7.4.4		frastructure change (20892)		8.7.6.8	Manage IT infrastructure/data recovery (20913)
	8.7.4.5		budget IT license usage volumes	8.7.7	Manage	infrastructure resource administration (20914)
		(20893)			8.7.7.1	Manage infrastructure configuration (20915)
8.7.5	Define se 8.7.5.1		ort planning (20895) nd IT support demand patterns (20896)		8.7.7.2	Perform infrastructure component maintenance
	8.7.5.2		e required support resource levels,		0770	(20916)
	0.7.3.2		ilities, and capabilities (20897)		8.7.7.3	Install/configure/upgrade infrastructure components (20917)
	8.7.5.3	Maintain (20898)	service support knowledge repository		8.7.7.4	Maintain IT asset records (20918)
	8.7.5.4		service support learning (20943)		8.7.7.5	Administer IT licenses/user agreements (20919)
	8.7.5.5		cate service support needs (20899)		8.7.7.6	Provide IT infrastructure service and capabilities (20920)
	8.7.5.6	Define IT	escalation mechanisms (20900)	8.7.8	Onerate	IT user support (20921)
	8.7.5.7	•	T service support resources (20901)	0.7.0	8.7.8.1	Triage IT issues/requests (20922)
	8.7.5.8		e with external support providers		8.7.8.2	Provide IT resolution capabilities (20923)
	8.7.5.9	(20902)	consider delivery incidents (20002)		8.7.8.3	Manage IT user requests (20925)
		_	service delivery incidents (20903)		8.7.8.4	Escalate IT requests (20926)
	8.7.5.10	(20904)	T service support performance		8.7.8.5	Resolve IT issues/requests (20927)
8.7.6	Develop a	and manag	e service delivery operations (20905)		8.7.8.6	Execute IT continuity and recovery action
	8.7.6.1	Operate a	and monitor online systems (20906)			(20928)

9.0 Manage Financial Resources (17058)

9.1	Perfo	rm plann	ing and management accounting (10728)			9.2.2.4	Post receivable entries (10797)
	9.1.1	Perform	planning/budgeting/forecasting (10738)			9.2.2.5	Resolve customer billing inquiries (10798)
		9.1.1.1	Develop and maintain budget policies and		9.2.3	Process	accounts receivable (AR) (10744)
			procedures (10771)			9.2.3.1	Establish AR policies (10799)
		9.1.1.2	Prepare periodic budgets and plans (10772)			9.2.3.2	Receive/Deposit customer payments (10800)
		9.1.1.3	Operationalize and implement plans to achieve			9.2.3.3	Apply cash remittances (10801)
			budget (20135)			9.2.3.4	Prepare AR reports (10802)
		9.1.1.4	Prepare periodic financial forecasts (10773)			9.2.3.5	Post AR activity to the general ledger (10803)
		9.1.1.5	Perform variance analysis against forecasts and		9.2.4		and process collections (10745)
	010	Df	budgets (20136)			9.2.4.1	Establish policies for delinquent accounts
	9.1.2		cost accounting and control (10739)				(10804)
		9.1.2.1	Perform inventory accounting (10774)			9.2.4.2	Analyze delinquent account balances (10805)
		9.1.2.2	Perform profit center accounting (14057)			9.2.4.3	Correspond/Negotiate with delinquent accounts
		9.1.2.3	Perform cost of sales analysis (10775)				(10806)
		9.1.2.4	Perform product costing (10776)			9.2.4.4	Discuss account resolution with internal parties
		9.1.2.5	Perform variance analysis (10777)			0045	(10807)
		9.1.2.6	Report on profitability (11175)			9.2.4.5	Process adjustments/write off balances (10808)
	9.1.3	Perform	cost management (10740)			9.2.4.6	Perform recovery workout (14007)
		9.1.3.1	Determine key cost drivers (10778)			9.2.4.7	Manage default accounts (14008)
		9.1.3.2	Measure cost drivers (10779)		9.2.5	•	and process adjustments/deductions (10746)
		9.1.3.3	Determine critical activities (10780)			9.2.5.1	Establish policies/procedures for adjustments
		9.1.3.4	Manage asset resource deployment and				(10809)
			utilization (10781)			9.2.5.2	Analyze adjustments (10810)
	9.1.4	Evaluate	and manage financial performance (10741)			9.2.5.3	Correspond/Negotiate with customer (10811)
		9.1.4.1	Assess customer and product profitability			9.2.5.4	Discuss resolution with internal parties (10812)
			(10782)			9.2.5.5	Prepare chargeback invoices (10813)
		9.1.4.2	Evaluate new products (10783)			9.2.5.6	Process related entries (10814)
		9.1.4.3	Perform life cycle costing (10784)			9.2.5.7	Perform market settlement, data exchange,
		9.1.4.4	Optimize customer and product mix (10785)				reconciliation, and validation (12739)
		9.1.4.5	Track performance of new-customer and product strategies (10786)	9.3		•	al accounting and reporting (10730)
		9.1.4.6	Prepare activity-based performance measures		9.3.1	-	policies and procedures (10747)
		0.1.1.0	(10787)				Negotiate service-level agreements (10815)
		9.1.4.7	Manage continuous cost improvement (10788)			9.3.1.2	Establish accounting policies (10816)
9.2	Dorfo		ue accounting (10729)			9.3.1.3	Publish accounting policies (20604)
3.2						9.3.1.4	Set and enforce approval limits (10817)
	9.2.1		customer credit (10742)			9.3.1.5	Establish common financial systems (10818)
		9.2.1.1	Establish credit policies (10789)		9.3.2	Perform	general accounting (10748)
		9.2.1.2	Analyze/Approve new account applications			9.3.2.1	Maintain chart of accounts (10819)
			(10790)			9.3.2.2	Process journal entries (10820)
		9.2.1.3	Analyze credit scoring history (14187)			9.3.2.3	Process allocations (10821)
		9.2.1.4	Forecast credit scoring requirement (14188)			9.3.2.4	Process period end adjustments (10822)
		9.2.1.5	Review existing accounts (10791)			9.3.2.5	Post and reconcile intercompany transactions
		9.2.1.6	Produce credit/collection reports (10792)				(10823)
		9.2.1.7	Reinstate or suspend accounts based on credit policies (10793)			9.3.2.6	Reconcile general ledger accounts (10824)
			1 1 1			9.3.2.7	Perform consolidations and process
	922	Invoice o	customer (10743)				·
	9.2.2		customer (10743) Maintain customer/product master files (10794)				eliminations (10825)
	9.2.2	Invoice of 9.2.2.1 9.2.2.2	customer (10743) Maintain customer/product master files (10794) Generate customer billing data (10795)			9.3.2.8 9.3.2.9	·

	9.3.3	Perform f	iixed-asset accounting (10749)			9.5.1.1	Establish policies and procedures (10853)
		9.3.3.1	Establish fixed-asset policies and procedures (10828)			9.5.1.2	Collect and record employee time worked (10854)
		9.3.3.2 9.3.3.3	Maintain fixed-asset master data files (10829) Process and record fixed-asset additions and			9.5.1.3	Analyze and report paid and unpaid leave (10855)
		9.3.3.4	retires (10830) Process and record fixed-asset adjustments,			9.5.1.4	Monitor regular, overtime, and other hours (10856)
		0.0.0.4	enhancements, revaluations, and transfers			9.5.1.5	Analyze and report employee utilization (10857)
			(10831)		9.5.2	Manage	pay (10754)
		9.3.3.5	Process and record fixed-asset maintenance and repair expenses (10832)			9.5.2.1	Enter employee time worked into payroll system (10858)
		9.3.3.6	Calculate and record depreciation expense (10833)			9.5.2.2	Maintain and administer employee earnings information (10859)
		9.3.3.7 9.3.3.8	Reconcile fixed-asset ledger (10834) Track fixed-assets including physical inventory			9.5.2.3	Maintain and administer applicable deductions (10860)
		9.3.3.9	(10835) Provide fixed-asset data to support tax,			9.5.2.4	Monitor changes in tax status of employees (10861)
			statutory, and regulatory reporting (10836)			9.5.2.5	Process and distribute payments (10862)
	9.3.4		inancial reporting (10750)			9.5.2.6	Process and distribute manual checks (10863)
		9.3.4.1	Prepare business unit financial statements (10837)			9.5.2.7	Process period-end adjustments (10864)
		9.3.4.2	Prepare consolidated financial statements			9.5.2.8	Respond to employee payroll inquiries (10865)
		3.3.4.2	(10838)		9.5.3	_	and process payroll taxes (10755)
		9.3.4.3	Perform business unit reporting/review			9.5.3.1	Develop tax plan (14075)
			management reports (10839)			9.5.3.2	Manage tax plan (14076)
		9.3.4.4	Perform consolidated reporting/review of cost management reports (10840)			9.5.3.3	Calculate and pay applicable payroll taxes (10866)
		9.3.4.5 9.3.4.6	Prepare statements for board review (10841) Produce quarterly/annual filings and			9.5.3.4	Produce and distribute employee annual tax statements (10867)
			shareholder reports (10842)			9.5.3.5	File regulatory payroll tax forms (10868)
		9.3.4.7	Produce regulatory reports (10843)	9.6			nts payable and expense reimbursements
		9.3.4.8	Perform legal and management consolidation (14074)		(1073 9.6.1	•	accounts payable (AP) (10756)
9.4	Mana	ge fixed-	asset project accounting (10731)			9.6.1.1	Verify AP pay file with purchase order vendor
	9.4.1	Perform o	capital planning and project approval (10751)				master file (10869)
		9.4.1.1	Develop capital investment policies and			9.6.1.2	Maintain/Manage electronic commerce (10870)
		9.4.1.2	procedures (10844) Develop and approve capital expenditure plans			9.6.1.3	Audit invoices and key data in AP system (10871)
			and budgets (10845)			9.6.1.4	Approve payments (10872)
		9.4.1.3	Review and approve capital projects and fixed- asset acquisitions (10846)			9.6.1.5 9.6.1.6	Process financial accruals and reversals (10873) Process payables taxes (10874)
		9.4.1.4	Conduct financial justification for project			9.6.1.7	Research/Resolve payable exceptions (10875)
			approval (10847)			9.6.1.8	Process payments (10876)
	9.4.2	Perform o	capital project accounting (10752)			9.6.1.9	Respond to AP inquiries (10877)
		9.4.2.1	Create project account codes (10848)			9.6.1.10	Retain records (10878)
		9.4.2.2	Record project-related transactions (10849)			9.6.1.11	Adjust accounting records (10879)
		9.4.2.3	Monitor and track capital projects and budget spending (10850)		9.6.2	Process e	expense reimbursements (10757)
		9.4.2.4	Close/capitalize projects (10851)			9.6.2.1	Establish and communicate expense reimbursement policies and approval limits
		9.4.2.5	Measure financial returns on completed capital projects (10852)			9.6.2.2	(10880)
9.5	Proce	ess payrol				9.6.2.2	Capture and report relevant tax data (10881) Approve reimbursements and advances (10882)
	9.5.1 Report time (1					9.6.2.4	Process reimbursements and advances (10883)

		9.6.2.5	Manage personal accounts (10884)			relationsh	nips (10908)
	9.6.3	Manage	corporate credit cards (20929)		9.7.4.3	Manage I	iquidity (10909)
		9.6.3.1	Establish corporate credit card policies and		9.7.4.4	Manage i	ssuer exposure (10910)
			approval limits (20930)		9.7.4.5	Process a	nd oversee debt and investment
		9.6.3.2	Process corporate credit card requests (20931)				ons (10911)
		9.6.3.3	Order corporate credit cards (20932)		9.7.4.6		nd oversee foreign currency
		9.6.3.4	Manage corporate credit card accounts (20933)				ons (10912)
		9.6.3.5	Approve/Change credit limits (20934)		9.7.4.7		lebt and investment accounting
		9.6.3.6	Cancel/Deactivate credit card (20935)		9.7.4.8		on reports (10913) nd oversee interest rate transactions
9.7	Mana	ige treasi	ury operations (10734)		3.7.4.0	(14210)	nu oversee interest rate transactions
	9.7.1	Manage	treasury policies and procedures (10758)	9.7.5	Monitor	and execute	e risk and hedging transactions
		9.7.1.1	Establish scope and governance of treasury		(11208)		
			operations (10885)		9.7.5.1	-	isk management/hedging strategy
		9.7.1.2	Establish and publish treasury policies (10886)		0750	(12974)	
		9.7.1.3	Develop treasury procedures (10887)		9.7.5.2	_	nterest rate risk (11209)
		9.7.1.4	Monitor treasury procedures (10888)			9.7.5.2.1	Manage interest rate market data (19575)
		9.7.1.5	Audit treasury procedures (10889)			9.7.5.2.2	Determine interest rate exposure for
		9.7.1.6	Revise treasury procedures (10890)			3.7.3.2.2	all markets (19576)
		9.7.1.7	Develop and confirm internal controls for			9.7.5.2.3	Determine interest rate hedge
		9.7.1.8	treasury (10891) Define system security requirements (10892)				requirements in accordance with
	9.7.2		cash (10759)				risk policy (19577)
	J.7.Z	9.7.2.1	Manage and reconcile cash positions (10893)			9.7.5.2.4	Execute interest rate trades (19578)
		9.7.2.1	Manage cash equivalents (10894)		9.7.5.3	_	oreign exchange risk (11210)
		9.7.2.3	Process and oversee electronic fund transfers			9.7.5.3.1	Manage foreign exchange market
		J.7.Z.J	(EFTs) (10895)			07500	data (19579)
		9.7.2.4	Develop cash flow forecasts (10896)			9.7.5.3.2	Determine foreign exchange exposure for all currencies (19580)
		9.7.2.5	Manage cash flows (10897)			9.7.5.3.3	Determine foreign exchange hedge
		9.7.2.6	Produce cash management accounting			3.7.3.3.3	requirements in accordance with
			transactions and reports (10898)				risk policy (19581)
		9.7.2.7	Manage and oversee banking relationships (10899)			9.7.5.3.4	Execute foreign exchange trades (19582)
		9.7.2.8	Analyze, negotiate, resolve, and confirm bank fees (10900)			9.7.5.3.5	Manage foreign exchange balance sheet risk (19583)
	9.7.3	Manage	in-house bank accounts (10760)		9.7.5.4	Manage e	exposure risk (11211)
		9.7.3.1	Manage in-house bank accounts for subsidiaries (10901)			9.7.5.4.1	Determine current customer exposures and limit exceptions
		9.7.3.2	Manage and facilitate inter-company borrowing transactions (10902)			9.7.5.4.2	(19584) Resolve customer exposure limit
		9.7.3.3	Manage centralized outgoing payments on behalf of subsidiaries (10903)			9.7.5.4.3	violations (19585) Manage customer collateral (19586)
		9.7.3.4	Manage central incoming payments on behalf of subsidiaries (10904)			9.7.5.4.4	Perform annual customer credit reviews (19587)
		9.7.3.5	Manage internal payments and netting		9.7.5.5		edging transactions (20137)
		0700	transactions (10905)			9.7.5.5.1	Measure physical positions (19588)
		9.7.3.6	Calculate interest and fees for in-house bank accounts (10906)			9.7.5.5.2	Establish hedges (19589)
		9.7.3.7	Provide account statements for in-house bank			9.7.5.5.3	Unwind hedges (19590)
		0.7.0.7	accounts (10907)			9.7.5.5.4	Evaluate and refine hedging positions (11213)
	9.7.4	Manage	debt and investment (10761)			9.7.5.5.5	Monitor credit (11215)
		9.7.4.1	Establish investment policy (14079)		9.7.5.6	Produce h	nedge accounting transactions and
		9.7.4.2	Manage financial intermediary			reports (1	

	9.7.6	Manage	financial fraud/dispute cases (16958)			9.9.1.2	Consolidate and optimize total tax plan (10928)	
9.8	Mana	ge intern	al controls (10735)			9.9.1.3	Maintain tax master data (10929)	
	9.8.1	Establish	internal controls, policies, and procedures		9.9.2	Process t	taxes (10766)	
		(10762)				9.9.2.1	Perform tax planning/strategy (10930)	
		9.8.1.1	Establish board of directors and audit			9.9.2.2	Prepare tax returns (10931)	
		9.8.1.2	committee (10914) Define and communicate code of ethics (10915)			9.9.2.3	Prepare foreign taxes (10932)	
		9.8.1.3	Assign roles and responsibility for internal			9.9.2.4	Calculate deferred taxes (10933)	
		3.0.1.3	controls (10916)			9.9.2.5	Account for taxes (10934)	
		9.8.1.4	Define business process objectives and risks			9.9.2.6	Monitor tax compliance (10935)	
			(11250)			9.9.2.7	Address tax inquiries (10936)	
	0.00	9.8.1.5	Define entity/unit risk tolerances (11251)	9.10	Manage international funds/consolidation (10737)			
	9.8.2	Operate controls and monitor compliance with internal controls policies and procedures (10763)			9.10.1 Monitor international rates (10767)			
		9.8.2.1	Design and implement control activities (10917)		9.10.2	Manage	transactions (10768)	
		9.8.2.2	Monitor control effectiveness (10918)		9.10.3	Monitor	currency exposure/hedge currency (10769)	
		9.8.2.3	Remediate control deficiencies (10919)		9.10.4	Report re	esults (10770)	
		9.8.2.4	Create compliance function (10920)	9.11	Perfo	rm global	l trade services (17059)	
		9.8.2.5	Operate compliance function (10921)		9.11.1 Screen sanctioned party list (14090)			
		9.8.2.6	Implement and maintain controls-related enabling technologies and tools (10922)		9.11.2 Control exports and imports (14091)			
	9.8.3	Report or	internal controls compliance (10764)		9.11.3	Classify	products (14092)	
		9.8.3.1	Report to external auditors (10923)		9.11.4	Perform (currency conversion (19593)	
		9.8.3.2	Report to regulators, share-/debt-holders,		9.11.5	Calculate	e duty (14093)	
		9.8.3.3	securities exchanges, etc. (10924) Report to third parties (10925)		9.11.6	Commun	icate with customs (14094)	
		9.8.3.4	Report to internal management (10926)		9.11.7	Documer	nt trade (14095)	
9.9	Mana	ge taxes	,		9.11.8 Manage intrastat/extrastat (18128)			
3.3		•			9.11.9 Process trade preferences (14096)			
	9.9.1	Develop tax strategy and plan (10765)			9.11.10 Handle restitution (14097)			
		9.9.1.1	Develop foreign, national, state, and local tax strategy (10927)		9.11.1	1 Prepare I	etter of credit (14098)	

10.0 Acquire, Construct, and Manage Assets (19207)

10.1	Plan	and acqui	ire assets (10937)		10.1.4 Manage facilities operations (10949)		
	10.1.1	Develop property strategy and long term vision (10941) 10.1.1.1 Confirm alignment of property requirements				10.1.4.1 10.1.4.2	Relocate people (10965) Relocate material and tools (10966)
			with business strategy (10955)	10.2	Desig	n and co	nstruct productive assets (19208)
		10.1.1.2 10.1.1.3	Appraise the external environment (10956)		10.2.1	Manage	capital program for productive assets (19209)
			, , , ,			10.2.1.1	Define capital investment plan (19210)
	10.1.2		lan facility (10943)			10.2.1.2	Monitor capital program (19211)
		10.1.2.1	Design facility (10958)			10.2.1.3	Secure construction financing (19212)
		10.1.2.2	Analyze budget (10959)		10.2.2	Design a	nd plan asset construction (20139)
		10.1.2.3	Select property (10960)			10.2.2.1	Develop construction strategy (19220)
		10.1.2.4	, , ,			10.2.2.2	Perform construction performance management (11276)
	10 1 3	Provide w	vorkspace and facilities (10944)			10.2.2.3	Obtain construction permissions (19221)
	10.1.0	10.1.3.1	Acquire workspace and facilities (10963)			10.2.2.4	Design assets (19222)
		10.1.3.2	Change fit/form/function of workspace			10.2.2.5	Plan construction resources (19223)
			andfacilities (10964)		10.2.3	Schedule	e and perform construction work (19229)

		10.2.3.1	Schedule construction work (19230)			10.3.2.2	Obtain required resources (19247)
		10.2.3.2	Obtain resources (19231)			10.3.2.3	Undertake quality control (19248)
		10.2.3.3	Construct new assets (19232)			10.3.2.4	Update work and asset records (19249)
		10.2.3.4	Augment existing assets (19233)			10.3.2.5	Manage maintenance work safety (19250)
		10.2.3.5	Renew/Replace assets (19234)			10.3.2.6	Define maintenance performance targets
	10.2.4	Manage	asset construction (19224)				(19251)
		10.2.4.1	Monitor work performance (19225)			10.3.2.7	Monitor maintenance performance against
		10.2.4.2	Undertake construction quality control (19226)				targets/contracts (19252)
		10.2.4.3	Create work and asset records (19227)		10.3.3	Perform a	asset maintenance (19253)
		10.2.4.4	Manage safety, security, and access to sites (19228)			10.3.3.1	Perform preventative asset maintenance (10947)
10.3	Maint	ain produ	ıctive assets (19238)			10.3.3.2	Perform routine asset maintenance (19254)
	10.3.1		et maintenance (19239)			10.3.3.3	Perform corrective asset maintenance and repairs (19255)
		10.3.1.1	Develop maintenance strategies (19240)			10.3.3.4	Identify unplanned maintenance requirements
		10.3.1.2	Analyze assets and predict maintenance requirements (10967)			10.3.3.4	(19256)
		10.3.1.3	Specify maintenance policies (19241)			10.3.3.5	Perform unplanned maintenance and repairs
		10.3.1.4	Integrate preventive maintenance into				(19257)
			operations schedule (10968)	10.4	Maint	ain produ	ıctive assets (19238)
		10.3.1.5	Identify work management tasks & priorities (19242)		10.4.1	•	exit strategy (10952)
		10.3.1.6	Conduct resource planning (19243)		10.4.2	Decomi	ssion productive assets (19258)
		10.3.1.7	Create work plans (19244)		10.4.3	Perform	sale or trade (10953)
	10.3.2	Manage	asset maintenance (19245)		10.4.4	Perform	abandonment (10954)
		10.3.2.1	Schedule maintenance work (19246)		10.4.5	Perform	waste and hazardous goods management (16970)

11.0 Manage Enterprise Risk, Compliance,Remediation, and Resiliency (16437)

Remediation, and Resiliency (16437)	
11.1 Manage enterprise risk (17060) 11.1.1 Establish the enterprise risk framework and policies	11.1.2.4 Verify business unit and functional risk mitigation plans are implemented (16449)
(16439) 11.1.1 Determine risk tolerance for organization	11.1.2.5 Ensure risks and risk mitigation actions are monitored (16450)
(16440)	11.1.2.6 Report on enterprise risk activities (16451)
11.1.1.2 Develop and maintain enterprise risk policies and procedures (16441)	11.1.2.7 Coordinate business unit and functional risk management activities (16452)
11.1.1.3 Identify and implement enterprise risk management tools (16442)	11.1.2.8 Ensure that each business unit/function follows the enterprise risk management process (16453)
11.1.1.4 Coordinate the sharing of risk knowledge across the organization (16443)	11.1.2.9 Ensure that each business unit/function follows the enterprise risk reporting process (16454)
11.1.1.5 Prepare and report enterprise risk to executive	11.1.3 Manage business unit and function risk (17462)
management and board (16444)	11.1.3.1 Identify risks (16456)
11.1.2 Oversee and coordinate enterprise risk management activities (16445)	11.1.3.2 Assess risks using enterprise risk framework policies and procedures (16457)
11.1.2.1 Identify enterprise level risks (16446)	11.1.3.3 Develop mitigation plans for risks (16458)
11.1.2.2 Assess risks to determine which to mitigate (16447)	11.1.3.3.1 Assess adequacy of insurance coverage (18129)
11.1.2.3 Develop risk mitigation and management	11.1.3.4 Implement mitigation plans for risks (16459)
strategy and integrate with existing	11.1.3.5 Monitor risks (16460)
performance management processes (16448)	11.1.3.6 Analyze risk activities and update plans (16461)

		11.1.3.7	Report on risk activities (16462)			11.2.2.8	Compile and communicate internal and		
11.2	Mana	ge compl	iance (17467)				regulatory compliance reports (19596)		
	11.2.1	Establish	compliance framework and policies (17468)			11.2.2.9	Maintain relationships with regulators as		
		11.2.1.1	Develop enterprise compliance policies and procedures (17469)				appropriate (16470)		
		11.2.1.2	Implement enterprise compliance activities (17470)	11.3		_	liation efforts (11185)		
		11.2.1.3	Manage internal audits (14133)		11.3.1	Create re	reate remediation plans (11201)		
		11.2.1.4	Maintain controls-related technologies and		11.3.2	Contact a	and confer with experts (11202)		
	11.00	N 4	tools (14137)		11.3.3	Identify/c	dedicate resources (11203)		
	11.2.2	Ü	regulatory compliance (16463)	11 3 / Inva		Investiga	te legal aspects (11204)		
		11.2.2.1	Develop regulatory compliance procedures (16464)			3.5 Investigate damage cause (11205)			
		11.2.2.2 Identify applicable regulatory requirements (16465)				· ·	r create policy (11206)		
		11.2.2.3	Monitor the regulatory environment for changing or emerging regulations (16466)	11.4	Mana	ge busine	ess resiliency (11216)		
		11.2.2.4	Assess current compliance position and identify		11.4.1	Develop t	the business resilience strategy (11221)		
		44.005	weaknesses or shortfalls therein (16467)		11.4.2	Perform o	continuous business operations planning (11222)		
		11.2.2.5	Implement missing or stronger regulatory compliance controls and policies (16468)		11.4.3	Test cont	inuous business operations (11223)		
		11.2.2.6	Monitor and test regulatory compliance position and existing controls (16469)		11.4.4	Maintain	continuous business operations (11224)		
		11.2.2.7	Compile and communicate compliance		11.4.5	Share kno	owledge of specific risks across other parts of		
			scorecard(s) (19595)			the organ	nization (16471)		

12.0 Manage External Relationships (10012)

12.1	Build investor relationships (11010)		12.2.3.3 Extend or change the relationships (12881)
	12.1.1 Plan, build, and manage lender relations (11035)		12.2.4 Manage lobby activities (11041)
	12.1.2 Plan, build, and manage analyst relations (11036)	12.3	Manage relations with board of directors (11012)
	12.1.3 Communicate with shareholders (11037)		12.3.1 Report financial results (11042)
12.2	Manage government and industry relationships (11011)		12.3.2 Report audit findings (11043)
	12.2.1 Manage government relations (11038)	12.4	Manage legal and ethical issues (11013)
	12.2.1.1 Assess relationships (12869)		12.4.1 Create ethics policies (11044)
	12.2.1.2 Appoint responsible executives (12870)		12.4.2 Manage corporate governance policies (11045)
	12.2.1.3 Monitor relationships (12871)		12.4.3 Develop and perform preventive law programs (11046)
	12.2.1.4 Receive input from internal advisors (12872)		12.4.4 Ensure compliance (11047)
	12.2.1.5 Receive input from external advisors (12873)		12.4.4.1 Plan and initiate compliance program (11053)
	12.2.1.6 Liaise with authorities (12874)		12.4.4.2 Execute compliance program (11054)
	12.2.2 Manage relations with quasi-government bodies (11039)		12.4.5 Manage outside counsel (11048)
	12.2.2.1 Establish relationships with agencies (12875)		12.4.5.1 Assess problem and determine work
	12.2.2.2 Respond to audit inquiries (12876)		requirements (11056)
	12.2.2.3 Maintain documentation of contacts (12877)		12.4.5.2 Engage/Retain outside counsel if necessary
	12.2.2.4 Plan and manage meetings (12878)		(11057)
	12.2.3 Manage relations with trade or industry groups (11040)		12.4.5.3 Receive strategy/budget (11058)
	12.2.3.1 Evaluate the requirements for strategic relationships (12879)		12.4.5.4 Receive work product and manage/monitor case and work performed (11059)
	12.2.3.2 Monitor the success of the partnerships (12880)		12.4.5.5 Process payment for legal services (11060)

12.4.5.6 12.4.6 Protect ir	Track legal activity/performance (11061) ntellectual property (11049)		12.4.8 Provide legal advice/counseling (11051) 12.4.9 Negotiate and document agreements/contracts (11052)
12.4.6.1	Manage copyrights, patents, and trademarks (11062)	12.5	Manage public relations program (11014)
12.4.6.2	ivialitalii littenectual property rights and		12.5.1 Manage community relations (11066) 12.5.2 Manage media relations (11067)
12.4.6.3	Administer licensing terms (11064)		12.5.3 Promote political stability (11068)
12.4.6.4 12.4.7 Resolve (Administer options (11065) disputes and litigations (11050)		12.5.4 Create press releases (11069) 12.5.5 Issue press releases (11070)

13.0 Develop and Manage Business Capabilities (10013)

13.1	3.1 Manage business processes (16378)				13.2.1.3	Monitor a	nd control portfolio (16404)
	13.1.1	Establish (16379)	and maintain process management governance	13.2.2	Manage 13.2.2.1		6405) program structure and approach
		13.1.1.1	Define and manage governance approach (16380)		13.2.2.2	(16406) Manage p (16407)	program stakeholders and partners
		13.1.1.2	Establish and maintain process tools and templates (16381)		13.2.2.3		program execution (16408)
		13.1.1.3	Assign and support process ownership (16382)		13.2.2.4		nd report program performance
			Perform process governance activities (16383)			(16409)	
	13.1.2	Define ar	nd manage process frameworks (16384)	13.2.3	_	projects (16	
		13.1.2.1	Establish and maintain process framework (163850)		13.2.3.1	13.2.3.1.1	
		13.1.2.2	Identify cross-functional processes (16386)			13.2.3.1.2	objectives (11117) Identify project resource
	13.1.3	-	ocesses (16387)			10.2.0.1.2	requirements (16412)
		13.1.3.1 13.1.3.2	Scope processes (16388) Analyze processes (16389)			13.2.3.1.3	Assess culture and readiness for
		13.1.3.2	13.1.3.2.1 Identify published best practices				project management approach (11118)
			(20140)			13.2.3.1.4	Create business case and obtain
		13.1.3.3	Model and document processes (16390)				funding (11120)
		13.1.3.4	Publish processes (16391)			13.2.3.1.5	Develop project measures and
	13.1.4		process performance (16392)		10000	ldontify or	indicators (11121)
		13.1.4.1 13.1.4.2	Provide process training (16393) Support process execution (16394)		13.2.3.2		opropriate project management ogies (11119)
		13.1.4.2	Measure and report process performance		13.2.3.3		roject plans (16413)
		10.1.4.0	(16395)			13.2.3.3.1	Define roles and resources (11123)
			13.1.4.3.1 Identify additional metrics as required (20141)			13.2.3.3.2	Acquire/secure project resources (20142)
	13.1.5	Improve p	processes (16396)			13.2.3.3.3	Identify specific IT requirements
		13.1.5.1	Identify and select improvement opportunities (16397)			13.2.3.3.4	(11124) Create training and communication
		13.1.5.2	Manage improvement projects (16398)			10 0 0 0 5	plans (11125)
		13.1.5.3	Perform continuous improvement activities (16399)				Design recognition and reward approaches (11127)
13.2		•	lio, program, and project (16400)				Design and plan launch of project (11128)
	13.2.1	•	portfolio (16401)				Deploy the project (11129)
		13.2.1.1	Establish portfolio strategy (16402)		13.2.3.4		rojects (16414)
		13.2.1.2	Define portfolio governance (16403)			13.2.3.4.1	Evaluate impact of project

									(47500)
				management (strategy and projects) on measures and outcomes (11131)			10045	•	s, standards, and measures (17502)
			12 2 2 1 2	Report the status of project (16415)			13.3.4.5		e EQMS performance (17503)
				Manage project scope (16416)			13.3.4.6		vironment and capability for EQMS ent(s) (17504)
			13.2.3.4.4	Promote and sustain activity and				13.3.4.6.1	Reward quality excellence (17505)
			13.2.3.4.5	involvement (11132) Realign and refresh project				13.3.4.6.2	Create and maintain quality partnerships (17506)
				management strategy and approaches (11133)				13.3.4.6.3	Maintain talent capabilities and competencies (17507)
		13.2.3.5	Review an	nd report project performance (16417)				13.3.4.6.4	Incorporate EQMS messaging into
		13.2.3.6	Close proj	ects (16418)					communication channels (17508)
13.3	Manag	ge enterp	rise quali	ty (17471)				13.3.4.6.5	Assure independent EQMS
	13.3.1	Establish	quality requ	uirements (17472)					management access to appropriate authority in the organization (17509)
		13.3.1.1	Define crit	tical-to-quality characteristics (17473)				13.3.4.6.6	Transfer proven EQMS methods
		13.3.1.2	Define pre	eventive quality activities (17474)				10.0.4.0.0	(17510)
		13.3.1.3	Develop q	uality controls (17475)	13.4	Mana	nge chang	e (11074)	
			13.3.1.3.1	Define process steps for controls (or				hange (111	34)
				integration points) (17476)		13.4.1	13.4.1.1	0 .	cess improvement methodology
				Define sampling plan (17477)			10.4.1.1	(11138)	coss improvement methodology
			13.3.1.3.3	Identify measurement methods (17478)			13.4.1.2		stakeholders (11140)
			122121	Define required competencies			13.4.1.3	Assess rea	adiness for change (11139)
			13.3.1.3.4	(17479)			13.4.1.4	Identify ch	ange champion(s) (11141)
		13.3.1.4	Prove capa	ability to assess compliance with			13.4.1.5	Form design	gn team (11142)
			-	nts (17480)			13.4.1.6	Define sco	ppe (11143)
		13.3.1.5	Finalize qu	ıality plan (17481)			13.4.1.7	Understan	d current state (11144)
	13.3.2	Evaluate	performanc	e to requirements (17482)			13.4.1.8		ure state (11145)
		13.3.2.1	Test again	st quality plan (17483)			13.4.1.9		rganizational risk analysis (11146)
			13.3.2.1.1	Conduct test and collect data					Itural issues (11147)
			100010	(17484)				•	npacted groups (20143)
				Record result(s) (17485)					degree/extent of impact (20144)
				Determine disposition of result(s) (17486)				manageme	accountability for change ent (11148)
		13.3.2.2		sults of tests (17487)				•	arriers to change (11149)
				Assess sample significance (17488)					change enablers (11150)
				Summarize result(s) (17489)			13.4.1.16	Identify re (11151)	sources and develop measures
				Recommend actions (17490) Decide next steps (17491)		13 <i>4</i> 2	Design th	e change (1	1135)
	12 2 2	Managa		nance (17492)		10.4.2	13.4.2.1	•	nnection to other initiatives (11152)
	10.0.0	13.3.3.1		tential impact (17493)			13.4.2.2		hange management plans (11153)
		13.3.3.2	-	immediate action(s) (17494)			13.4.2.3	-	raining plan (11154)
		13.3.3.3		ot cause(s) (17495)			13.4.2.4	-	ommunication plan (11155)
		13.3.3.4	•	ective or preventative action (17496)			13.4.2.5	-	ange champion(s) (20145)
		13.3.3.5		-conformance (17497)			13.4.2.6	_	ewards/incentives plan (11156)
	13.3.4			tain the enterprise quality			13.4.2.7	Establish o	change adoption metrics (11157)
				(EQMS) (17498)			13.4.2.8	Establish/	Clarify new roles (11158)
		13.3.4.1	Define the	quality strategy (17499)			13.4.2.9	Identify bu	ıdget/roles (11159)
		13.3.4.2		leploy the EQMS scope, targets, and		13.4.3	Implemer	nt change (1	1136)
			goals (175				13.4.3.1		nmitment for improvement/change
		13.3.4.3		ore EQMS processes, controls, and			10.55	(11160)	
		13.3.4.4	metrics (1)	nd document EQMS policies,			13.4.3.2	Reenginee (11161)	er business processes and systems
		13.3.4.4	релетор 9	на аосинент Едіхіз policies,				(11101)	

		13.4.3.3		ransition to new roles or exit	13.6	Meas	ure and b	enchmark (16436)
			•	for incumbents (11162)		13.6.1	Create ar	nd manage organizational performance strategy
		13.4.3.4		hange (11163)			(11071)	
	13.4.4	13.4.3.5 Sustain ir	Report on nprovemen	change (20146) t (11137)			13.6.1.1	Create enterprise measurement systems model (11075)
		13.4.4.1	Monitor in	mproved process performance (11164)			13.6.1.2	Measure process efficiency (11076)
		13.4.4.2	Capture a	nd reuse lessons learned from change			13.6.1.3	Measure cost effectiveness (11077)
			process (1				13.6.1.4	Measure staff productivity (11078)
		13.4.4.3	Take corre	ective action as necessary (11166)			13.6.1.5	Measure cycle time (11079)
13.5				erprise-wide knowledge		13.6.2	Benchma	irk performance (11072)
	mana	gement (H	(M) capal	oility (11073)			13.6.2.1	Conduct performance assessments (11083)
		13.5.1	Develop K	(M strategy (11095)			13.6.2.2	Develop benchmarking capabilities (11084)
			13.5.1.1	Develop governance model with roles and accountability (11100)			13.6.2.3	Conduct internal process and external competitive benchmarking (11085)
			13.5.1.2	Define roles and accountability of			13.6.2.4	Conduct gap analysis (11087)
				core group versus operating units			13.6.2.5	Establish need for change (11088)
			10 5 1 0	(11102)		13.6.3	Evaluate	process performance (20147)
			13.5.1.3 13.5.1.4	Develop funding models (11103) Identify links to key initiatives (11104)			13.6.3.1	Establish appropriate performance indicators (metrics) (10270)
			13.5.1.5	· · ·			13.6.3.2	Establish monitoring frequency (10271)
			13.3.1.3	Develop core KM methodologies (11105)			13.6.3.3	Collect data (20148)
			13.5.1.6	Assess IT needs and engage IT			13.6.3.4	Calculate performance measures (10272)
				function (11106)			13.6.3.5	Identify performance trends (10273)
			13.5.1.7	Develop training and communication plans (11107)			13.6.3.6	Analyze performance against benchmark data (10274)
			13.5.1.8	Develop change management			13.6.3.7	Prepare reports (10275)
				approaches (11108)			13.6.3.8	Develop performance improvement plan (10276)
			13.5.1.9	Develop strategic measures and indicators (11109)	13.7		_	onmental health and safety (EHS) (11179) se environmental health and safety impacts
		13.5.2	Assess KI	M capabilities (11096)		10.7.1	(11180)	e environmental health and safety impacts
			13.5.2.1	Assess maturity of existing KM initiatives (11110)			13.7.1.1	Evaluate environmental impact of products, services, and operations (11186)
			13.5.2.2	Evaluate existing KM approaches (11111)			13.7.1.2	Conduct health and safety and environmental audits (11187)
			13.5.2.3	Identify gaps and needs (11112)		13.7.2	Develop	and execute functional EHS program (11181)
		13.5.3	Design an 13.5.3.1	d implement KM capabilities (20965) Develop new KM approaches			13.7.2.1	Identify regulatory and stakeholder requirements (11188)
			40 5 6 6	(11114)			13.7.2.2	Assess future risks and opportunities (11189)
			13.5.3.2	Design resource model for KM approaches (20966)			13.7.2.3	Create EHS policy (11190)
			13.5.3.3	Implement new KM approaches			13.7.2.4	Record and manage EHS events (11191)
			10.0.0.0	(11115)		13.7.3	Train and	l educate functional employees (11182)
			13.5.3.4	Leverage and enhance IT for KM approaches (20967)			13.7.3.1	Communicate EHS issues to stakeholders and provide support (11192)
			13.5.3.5	Develop measures (20968)		13.7.4		and manage functional EHS management
		13.5.4	Evolve an	d sustain KM capabilities (20969)			program	
			13.5.4.1	Enhance/Modify existing KM			13.7.4.1	Manage EHS costs and benefits (11193)
				approaches (11113)			13.7.4.2	Measure and report EHS performance (11194)
			13.5.4.2	Sustain awareness and engagement (20970)			13.7.4.3	Implement emergency response program (11196)
			13.5.4.3	Expand KM infrastructure to meet demand (20971)			13.7.4.4 13.7.4.5	Implement pollution prevention program (11197) Provide employees with EHS support (11195)

13.8 Develop, Manage, and Deliver Analytics (20959)

- 13.8.1 Develop and manage hypotheses (20960)
- 13.8.2 Collect data (20961)
- 13.8.3 Analyze data (20962)
- 13.8.4 Report on data (20963)
- 13.8.5 Identify remedial actions (20964)



123 North Post Oak Lane, Third Floor

Houston, Texas 77024-7797, USA

800-776-9676 phone • +1-713-681-4020 • +1-713-681-8578 fax

pcf_feedback@apqc.org • www.apqc.org