TELECOMMUNICATIONS PROCESS CLASSIFICATION FRAMEWORKSM

THE TELECOMMUNICATIONS PROCESS CLASSIFICATION FRAMEWORK

Based on the renowned Process Classification FrameworkSM (PCF), a taxonomy of cross-functional business processes intended to allow objective comparison of performance within and among organizations, and the support of IBM, this industry PCF enables more industry applicable content by outlining and defining processes and activities specific to the Telecommunications industry. This allows organizations to choose the framework most relevant to the specific process improvement need, whether it be benchmarking within or across industries, business process management/re-engineering, or content management. The cross-industry PCF and industry PCFs are available on the APQC website at no charge. IBM provided the subject matter expertise and intellectual property to create the industry specific business process classification frameworks, as part of the IBM's continuing leadership in the promotion of open standards to help organizations evaluate and measure business processes at an industry level.

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 APOC Process Classification FrameworkSM (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 15 years of creative use by thousands of organizations worldwide. The PCF provides the foundation for APQC's Open Standards BenchmarkingSM database of performance metrics, the largest of its kind in the world. The PCF will continue to be enhanced as the database further develops definitions, processes, and measures. The PCF, associated measures, and definitions are available for download at no charge at www.apqc.org/osb. An online benchmarking portal for individual assessments is also available.



MANAGEMENT AND SUPPORT PROCESSES							
6.0 Develop and Manage Human Capital							
7.0 м	anage Information Technology						
3.0 м	anage Financial Resources						
9.0 а	cquire, Construct, and Manage Property						
).О м	anage Environmental Health and Safety (EHS)						
.О м	anage External Relationships						
2.0 м	anage Knowledge, Improvement, and Change						
3.0 м	anage and Plan Network						
	7.0 M 7.0 M 3.0 M 9.0 A 1.0 M						

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 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 2008, APQC and IBM worked together to enhance the cross-industry PCF and to develop a number of industry-specific process classification frameworks.





PROCESS CLASSIFICATION FRAMEWORK

TABLE OF CONTENTS

nterpreting the PCF	÷
Overview	
1.0 Develop Vision and Strategy	
2.0 Develop and Manage Products and Services	5
3.0 Market and Sell Products and Services	7
4.0 Deliver Products and Services	8
5.0 Manage Customer Service	
6.0 Develop and Manage Human Capital	
7.0 Manage Information Technology	
8.0 Manage Financial Resources	
9.0 Acquire, Construct, and Manage Property	22
0.0 Manage Environmental Health and Safety (EHS)	23
II.0 Manage External Relationships	23
2.0 Manage Knowledge, Improvement, and Change	24
3.0 Manage and Plan Network	25

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 APQC

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 nonprofit serving organizations around the world in all sectors of business, education, and government. APQC is also a proud winner of the 2003 and 2004 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.

The PCF is written in United States English language format.

The IBM logo is a registered trademark of IBM in the United States and other countries and is used under license.

ABOUT IBM

IBM works with its clients to develop new business designs and technical architectures that allow their businesses the flexibility required to compete in a global business landscape. The business is also adjusting its footprint toward emerging geographies, tapping into IBM's double-digit growth, providing the technology infrastructure they need, and taking advantage of the talent pools provided to better service IBM's clients. IBM's major operations comprise a Global Technology Services segment; a Global Business Services segment; a Systems and Technology segment; a Software segment; and a Global Financing segment. For more information, visit: www.ibm.com/soa

THE TELECOMMUNICATIONS PROCESSCLASSIFICATION FRAMEWORKSM

COPYRIGHT AND ATTRIBUTION

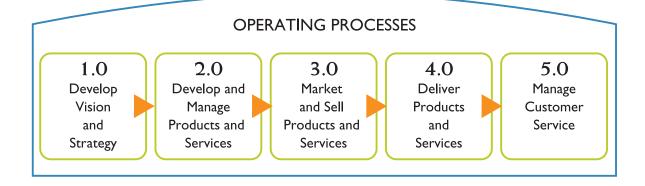
This Industry Process Classification Framework was jointly developed by APQC and IBM to facilitate improvement through process management and benchmarking. ©2018 APQC and IBM reserve all rights in this work except as expressly granted herein.

APQC and IBM hereby grant you a perpetual, worldwide, royalty-free license to use, copy, publish, modify, and create derivative works of the PCF, provided that all copies of the PCF include this notice, and any derivative works contain the following attribution:

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.

UNDERSTANDING THE NUMBERING SCHEME

Beginning with Version 5.0.0, the PCF uses a numbering scheme that differs from previous versions. The cross-industry framework and the industry-specific frameworks collectively form a library of process



MANAGEN	1ENT AND SUPPORT PROCESSES
6.0	Develop and Manage Human Capital
7.0	Manage Information Technology
8.0	Manage Financial Resources
9.0	Acquire, Construct, and Manage Property
10.0	Manage Environmental Health and Safety (EHS)
11.0	Manage External Relationships
12.0	Manage Knowledge, Improvement, and Change
13.0	Manage and Plan Network

elements used in APQC's Open Standards Benchmarking database. Each process element is referred to by two numbers: a number used to locate the content within that particular framework (in the format 1.2.3.4) and a serial number used to uniquely identify the process element across all of the various Open Standards Benchmarking frameworks (beginning with 10000).

For example, the process element "1.2 Develop business strategy (10015)" is uniquely identified by the serial number "10015" and the hierarchical reference number "1.2." In industry-specific PCFs, any process element identified as "10015" will have the same scope and definition as a process element of the same number elsewhere, but may be labeled differently.

INTERPRETING THE PCF

 $\begin{tabular}{ll} \textbf{Category:} The highest level within the PCF is indicated by whole numbers (e.g., 8.0 and 9.0) \end{tabular}$

Process Group: Items with one decimal numbering (e.g., 8.1 and 9.1) are considered a process group.

Process: Items with two decimal numberings (e.g., 8.1.1 and 9.1.2) are considered processes.

Activity: Items with three decimal numbering (e.g. 8.3.1.1 and 9.1.1.1) are considered activities within a process.

The Telecommunications PCF is based on the cross-industry PCF Version 5.0.0 released in April 2008.

1.0 Develop Vision and Strategy (10002)

1.1 Define the business concept and long-term vision (10014) 1.2.4.7 Assess organizational implication of feasible alternatives (10055) Assess the external environment (10017) 1.2.4.8 Migrate to new organization (10056) Analyze and evaluate competition (10021) 1.1.1.1 1.1.1.2 Identify economic trends (10022) Develop and set organizational goals (10042) 1.2.5 1.1.1.3 Identify political and regulatory issues (10023) Formulate business unit strategies (10043) 1.2.6 1.1.1.4 Assess new technology innovations (10024) 1.2.7 Define operating model (13288) 1.1.1.5 Analyze demographics (10025) 1.2.7.1 Identify implications on key operating model 1.1.1.6 Identify social and cultural changes (10026) business elements that require change (13289) 1.1.1.7 Identify ecological concerns (10027) 1.2.7.2 Identify implications on key technology Survey market and determine customer needs and 1.1.2 aspects (13290) wants (10018) Design the operating model business elements 1.2.7.3 1.1.2.1 Conduct qualitative/quantitative assessments (13291)1.2.7.4 Design technology models (13292) Capture and assess customer needs (10029) 1.1.2.2 Manage strategic initiatives (10016) Perform internal analysis (10019) 1.1.3 Develop strategic initiatives (10057) Analyze organizational characteristics (10030) 1.1.3.1 1.1.3.2 Create baselines for current processes (10031) Evaluate strategic initiatives (10058) 1.3.2 1.1.3.3 Analyze systems and technology (10032) 1.3.3 Select strategic initiatives (10059) Analyze financial positions (10033) 1.1.3.4 1.3.4 Establish high-level measures (10060) 1.1.3.5 Identify enterprise core competencies (10034) Perform strategic planning (13293) Establish strategic vision (10020) 1.1.4 Align stakeholders around strategic vision 1.4.1 Define strategy planning framework and policies 1.1.4.1 (10035)1.1.4.2 Communicate strategic vision to stakeholders 1.4.2 Develop and manage strategy business models (10036)(13299)1.4.2.1 Develop strategy business models (13302) 1.2 Develop business strategy (10015) 1.4.2.2 Value business model (13303) Develop overall mission statement (10037) Manage strategic planning (13300) 1.4.3 1.2.1.1 Define current business (10044) 1.4.3.1 Manage strategic planning reporting (13304) 1.2.1.2 Formulate mission (10045) 1.4.3.2 Develop capital investment targets and plans 1.2.1.3 Communicate mission (10046) (13305)1.2.2 Evaluate strategic options to achieve the objectives 1.4.3.3 Develop financial statement targets and plans (10038)(13306)1.2.2.1 Define strategic options (10047) Develop strategic portfolio targets and plans 1.4.3.4 1.2.2.2 Assess and analyze impact of each option (13307)(10048)1.4.3.5 Develop free cash flow targets and plans (13308) Select long-term business strategy (10039) 1.2.3 Develop and manage strategic and operational 1.4.4 Define strategic mission, objectives and goals 1.2.3.1 plans (13301) to reflect the revised business design (13285) 1.4.4.1 Develop organization plans (13309) 1.2.3.2 Define key components for the target vision 1.4.4.2 Develop sales plan (13310) and business design (13286) 1.4.4.3 Develop resource plan (13311) 1.2.3.3 Identify interdependencies in business (13287) 1.4.4.4 Develop profitability plan (13312) Create organizational design (structure, 1.4.4.5 Develop enterprise infrastructure plan (13313) governance, reporting, etc.) (10041) Perform strategic management (13294) Evaluate breadth and depth of organizational 1.2.4.1 structure (10049) 1.5.1 Define and manage enterprise strategy (13314) 1.2.4.2 Perform job specific roles mapping and value-Assess current strategy (13316) add analyses (10050) Transform strategy into measurable goals (13315) 1.5.2 Develop role activity diagrams to assess hand-1.2.4.3 1.5.2.1 Identify key value drivers for strategy (13317) off activity (10051) 1.5.2.2 Map strategy to key measures of performance 1.2.4.4 Perform organization redesign workshops (10052) drivers (13318) 1.2.4.5 Design the relationships between Assess and prioritize key performance drivers 1.5.2.3 organizational units (10053) 1.2.4.6 Develop role analysis and activity diagrams for 1.5.2.4 Define, review and agree on business goals

key processes (10054)

(13320)

1.6 Develop business (13295)

- 1.6.1 Develop, manage and realize business goals (13321)
 - 1.6.1.1 Identify enterprise risk indicators (13322)
 - 1.6.1.2 Track and manage enterprise risks (13323)
 - 1.6.1.3 Agree on Key Performance Indicators (KPIs) and identify measures to cascade measure through organization (13324)
 - 1.6.1.4 Define potential KPI's for key performance drivers (13325)
 - 1.6.1.5 Plan and launch business goals (13326)
 - 1.6.1.6 Communicate business goals (13327)

1.7 Manage enterprise architecture (13296)

- 1.7.1 Manage product enterprise architecture (13328)
- 1.7.2 Manage business functional enterprise architecture (13329)

1.8 Manage group enterprise (13297)

1.8.1 Plan and manage co-ordinate across business units/organization (13330)

2.0 Develop and Manage Products and Services (10003)

2.1 Manage product and service portfolio (10061)

- 2.1.1 Evaluate performance of existing products/services against market opportunities (10063)
- 2.1.2 Define product/service development requirements (10064)
 - 2.1.2.1 Identify potential improvements to existing products and services (10068)
 - 2.1.2.2 Identify potential new products and services (10069)
 - 2.1.2.3 Gather and analyze new service ideas (13331)
 - 2.1.2.4 Gather and analyze service information (13332)
 - 2.1.2.5 Develop new service business proposal (13333)
 - 2.1.2.6 Gather and analyze new resource ideas (13334)
 - 2.1.2.7 Develop new resource business proposal (13335)
 - 2.1.2.8 Establish service strategy and goals (13336)
 - 2.1.2.9 Produce service business plans (13337)
 - 2.1.2.10 Gain enterprise commitment to service (13338)
 - 2.1.2.11 Manage service research (13339)
 - 2.1.2.12 Define service support strategies (13340)
 - 2.1.2.13 Develop service partnership requirements (13341)

2.1.3 Perform discovery research (10065)

- 2.1.3.1 Identify new technologies (10070)
- 2.1.3.2 Develop new technologies (10071)
- 2.1.3.3 Assess feasibility of integrating new leading technologies into product/service concepts (10072)
- 2.1.4 Confirm alignment of product/service concepts with business strategy (10066)
 - 2.1.4.1 Plan and develop cost and quality targets (10073)
 - 2.1.4.2 Prioritize and select new product/service concepts (10074)
 - 2.1.4.3 Specify development timing targets (10075)
 - 2.1.4.4 Plan for product/service offering modifications (10076)

2.1.5 Manage product and service life cycle (10067)

- 2.1.5.1 Introduce new products/services (10077)
- 2.1.5.2 Retire outdated products/services (10078)
- 2.1.5.3 Identify and refine performance indicators (10079)

2.2 Develop products and services (10062)

- 2.2.1 Design, build, and evaluate products and services (10080)
 - 2.2.1.1 Assign resources to product/service project (10083)
 - 2.2.1.2 Prepare high-level business case and technical assessment (10084)
 - 2.2.1.3 Develop product/service design specifications (10085)
 - 2.2.1.4 Document design specifications (10086)
 - 2.2.1.5 Conduct mandatory and elective external reviews (legal, regulatory, standards, internal) (10087)
 - 2.2.1.6 Build prototypes (10088)
 - 2.2.1.7 Eliminate quality and reliability problems (10089)
 - 2.2.1.8 Conduct in-house product/service testing and evaluate feasibility (10090)
 - 2.2.1.9 Identify design/development performance indicators (10091)
 - 2.2.1.10 Collaborate design with suppliers and contract manufacturers (10092)
 - 2.2.1.11 Design solution (13342)
 - 2.2.1.12 Finalize design (13343)
 - 2.2.1.13 Allocate specific service parameters to services (13344)
 - 2.2.1.14 Gather and analyze resource information (13345)
 - 2.2.1.15 Develop network and technology resource strategy and policy (13346)
 - 2.2.1.16 Establish resource strategy and administration (13347)
 - 2.2.1.17 Produce resource business plans (13348)
 - 2.2.1.18 Gain enterprise commitment to resource plans (13349)
 - 2.2.1.19 Manage resource research (13350)
 - 2.2.1.20 Define resource support strategies (13351)
 - 2.2.1.21 Develop resource partnership requirements (13352)
 - 2.2.1.22 Assess performance of new services against existing services (13353)
 - 2.2.1.23 Develop detailed service specifications (13354)

	2.2.1.24	Assess new network and technology resources	2.3	Service capability delivery (13377)				
		(13355)		2.3.1		analyze service requirements (13379)		
	2.2.1.25	Develop detailed resource specifications			2.3.1.1	Identify service class (13386)		
	2.2.1.26	(13356) Assess performance of existing resources		000	2.3.1.2	Identify product / service capability (13387)		
	2.2.1.20	(13357)		2.3.2		vice capability investment approval (13380)		
2.2.2	Qualify p	roduct proposal capability (13358)		2.3.3		ervice support and operations (13381)		
	2.2.2.1	Determine technical feasibility (13361)			2.3.3.1 2.3.3.2	Update quoting and configuration tools (13388) Identify and develop order fulfillment		
	2.2.2.2	Determine resource availability (13362)			2.0.0.2	processes (13389)		
	2.2.2.3	Assess potential for market adoption (13363)			2.3.3.3	Identify and develop provisioning processes		
2.2.3		and verify business case (13359)				(13390)		
2.2.4		er to release planning or development			2.3.3.4	Update billing tables (13391)		
2.2.5	(13360)	ket for now or revised products and			2.3.3.5	Train on new processes (13392)		
2.2.3	services	ket for new or revised products and (10081)		2.3.4	_	handover to service operations (13382)		
	2.2.5.1	Prepare detailed market study (10093)		2.3.5	-	service capability shortfalls (13383)		
	2.2.5.2	Conduct customer tests and interviews (10094)		2.3.6		ervice capabilities (13384)		
	2.2.5.3	Finalize product/service characteristics and			2.3.6.1	Define service class capabilities (13393)		
		business cases (10095)			2.3.6.2	Define service forwarding treatment and QoS capabilities (13394)		
	2.2.5.4	Finalize technical requirements (10096)			2.3.6.3	Define service application to service class		
	2.2.5.5	Identify requirements for changes to manufacturing/delivery processes (10097)			2.0.0.0	mapping capabilities (13395)		
2.2.6	Droparo	for production (10082)			2.3.6.4	Define service provisioning and deployment		
2.2.0	2.2.6.1	Develop and test prototype production and/or				capabilities (13396)		
	2.2.0.1	service delivery process (10098)			2.3.6.5	Define service capacity capabilities (13397)		
	2.2.6.2	Design and obtain necessary materials and		2.3.7	Manage	service capability delivery (13385)		
		equipment (10099)	2.4	Resou	rce capal	pility delivery (13378)		
	2.2.6.3	Install and validate production process or methodology (10100)		2.4.1		analyze resource requirements (13398)		
	2.2.6.4	Manage service development (13364)			2.4.1.1	Collate network and technology resource		
	2.2.6.5	Manage service deployment (13365)			0.410	demands (13408)		
	2.2.6.6	Manage service exit (13366)			2.4.1.2	Manage network and technology resource installation (13409)		
	2.2.6.7	Manage resource development (13367)			2.4.1.3	Develop network and technology resource		
	2.2.6.8	Manage resource exit (13368)			2. 1. 1.0	distribution plan to meet demand (13410)		
	2.2.6.9	Define network and technology resource retirement plans (13369)		2.4.2	Gain res	ource capability investment approval		
	22610	Define new network and technology resource			(13399)	. ,		
	2.2.0.10	development plan (13370)		2.4.3	Enable re	esource support and operations (13400)		
	2.2.6.11	Manage network and technology resources		2.4.4	Manage	deployment and distribution of network		
		development and retirement plans (13371)			and tech	nology resources (13401)		
		Manage resources deployment (13372)		2.4.5	Manage	network and technology resources supply		
2.2.7		success (13373)			logistics			
	2.2.7.1	Collect and analyze data to assess		2.4.6		network and technology resources		
	2.2.7.2	performance (13374) Benchmark against proxies (13375)			-	nal enablement (13403)		
	2.2.7.2	Assess product success (13376)		2.4.7	_	handover to resource operations (13404)		
	2.2.7.0	, 100000 product odobood (10070)		2.4.8	-	resource capability shortfalls (13405)		
				2.4.9	•	esource capabilities (13406)		
				2.4.10	Manage	resource capability delivery (13407)		

3.0 Market and Sell Products and Services (10004)

3.1	Under	stand ma	rkets, customers and capabilities (10101)			3.3.2.5	Establish partner and alliance management
	3.1.1		customer and market intelligence analysis				goals (10142)
		(10106) 3.1.1.1 3.1.1.2 3.1.1.3 3.1.1.4	Conduct customer and market research (10108) Identify market segments (10109) Analyze market and industry trends (10110) Analyze competing organizations, competitive/substitute products (10111)		3.3.3	Establish 3.3.3.1 3.3.3.2 3.3.3.3 3.3.3.4 3.3.3.5	h overall sales budgets (10131) Calculate product revenue (10143) Determine variable costs (10144) Determine overhead and fixed costs (10145) Calculate net profit (10146) Create budget (10147)
		3.1.1.5	Evaluate existing products/brands (10112)		3.3.4		h sales goals and measures (10132)
		3.1.1.6	Assess internal and external business		3.3.5		h customer management measures (10133)
			environment (10113)		3.3.6		rice levels and standards (13413)
		3.1.1.7 3.1.1.8	Record usage of services (13411)		3.3.7		channel strategy (13414)
	3.1.2	Evaluate 3.1.2.1	Record customer experience (13412) and prioritize market opportunities (10107) Quantify market opportunities (10116)			3.3.7.1 3.3.7.2	Assess revenue models (13416) Analyze profit impact based on channel structures (13417)
		3.1.2.2 3.1.2.3	Determine target segments (10117) Prioritize opportunities consistent with capa-			3.3.7.3	Plan scenarios (13418)
		3.1.2.4	bilities and overall business strategy (10118) Validate opportunities (10119)		3.3.8	Establis 3.3.8.1	h revenue/coverage plan (13415) Develop revenue targets in order to meet revenue objectives
3.2	Devel	op marke	ting strategy (10102)			3.3.8.2	Plan finances to support revenue objectives
	3.2.1	(11168)	offering and customer's value proposition			3.3.8.3	(13420) Develop operational planning to support
		3.2.1.1 3.2.1.2	Define offering and positioning (11169) Develop value proposition including brand			3.3.8.4	revenue objectives (13421) Define account coverage plans to cascade company targets to sales managers (13422)
		3.2.1.3	positioning for target segments (11170) Validate value proposition and shape offering to optimize with target segments (11171)			3.3.8.5	Leverage all channels in order to cascade company targets to sales managers (13423)
		3.2.1.4	Develop new branding (11172)	3.4	Mork	ot and ma	anaga offer (12/12/1)
	3.2.2	Define p	ricing strategy to align to value proposition	3.4	3.4.1		nage offer (13424) market strategy and policy (13425)
		(10123)			J. T . I	3.4.1.1	Gather and analyze market information (13430)
		3.2.2.1	Establish guidelines for applying pricing of			3.4.1.2	Establish market strategy (13431)
		3.2.2.2	products/services (10124) Approve pricing strategies/policies (10125)			3.4.1.3	Establish market segments (13432)
	3.2.3		and manage channel strategy (10122)			3.4.1.4	Link market segments and products (13433)
	0.2.0	3.2.3.1	Evaluate channel attributes and partners (10126)		2 4 2	3.4.1.5	Gain commitment for market strategy (13434)
		3.2.3.2	Determine channel fit with target segments (10127)		3.4.2	3.4.2.1	oduct and offer portfolio (13426) Gather and analyze product information (13435)
		3.2.3.3	Select channels for target segments (10128)			3.4.2.2	Establish product portfolio strategy (13436)
3.3	Devel 3.3.1	-	strategy (10103) sales forecast (10129)			3.4.2.3	Produce product portfolio business plans (13438)
		3.3.1.1	Gather current and historic order information (10134)			3.4.2.4	Gain commitment to product business plans (13439)
		3.3.1.2 3.3.1.3 3.3.1.4	Analyze sales trends and patterns (10135) Generate sales forecast (10136) Analyze historical and planned promotions and events (10137)		3.4.3	3.4.3.1 3.4.3.2 3.4.3.3	product and offer capability (13427) Define product capability requirements (13440) Capture product capability shortfalls (13441) Approve product business case (13442)
	3.3.2	3.3.2.1	sales partner/alliance relationships (10130) Identify alliance opportunities (10138)			3.4.3.4 3.4.3.5	Deliver product capability (13443) Manage handover to product operations (13445)
		3.3.2.2	Design alliance programs and methods for selecting and managing relationships (10139) Select alliances (10140)			3.4.3.6	Manage product capability delivery methodology (13446)
		3.3.2.4	Develop partner and alliance management		3.4.4	Deliver i	marketing capability (13428)
							Define marketing capability requirements

	3.4.4.2 3.4.4.3 3.4.4.4	Gain marketing capability approval (13448) Deliver marketing infrastructure (13449) Manage handover to marketing operations	3.4.5.3	(13453) Develop new product business proposals (13454)
	3.4.4.5	(13450) Manage marketing capability delivery methodology (13451)	3.4.5.4 3.4.5.5	Develop product commercialization strategy (13455) Develop detailed product specifications
3.4.5	Develop 3.4.5.1 3.4.5.2	and retire product and offer (13429) Gather and analyze new product ideas (13452) Assess performance of existing products	3.4.5.6	(13456) Manage product development (13457)

4.0 Deliver Products and Services (10005)

1	1.0 Deliver Froducts and Services (10005)								
4.1		ing) (1021				4.1.5.8 4.1.5.9	Calculate destination dispatch plan (10258) Manage dispatch plan attainment (10259)		
	4.1.1	Develop	production and materials strategies (10221)			4.1.5.10	Calculate destination load plans (10260)		
		4.1.1.1	Define manufacturing goals (10229)			4.1.5.11	Manage partner load plan (10261)		
		4.1.1.2	Define labor and materials policies (10230)			4.1.5.12	Manage the cost of supply (10262)		
		4.1.1.3	Define outsourcing policies (10231)			4.1.5.13	Determine finished goods inventory		
		4.1.1.4	Define manufacturing capital expense policies				requirements at destination (10253)		
			(10232)		4.1.6	Establis	h distribution planning constraints (10226)		
		4.1.1.5	Define capacities (10233)			4.1.6.1	Establish distribution center layout constraints		
		4.1.1.6	Define production network and supply				(10267)		
			constraints (10234)			4.1.6.2	Establish inventory management constraints		
	4.1.2	Manage	e demand for products and services (10222)				(10268)		
		4.1.2.1	Develop baseline forecasts (10235)			4.1.6.3	Establish transportation management		
		4.1.2.2	Collaborate with customers (10236)				constraints (10269)		
		4.1.2.3	Develop consensus forecast (10237)		4.1.7	Review	distribution planning policies (10227)		
		4.1.2.4	Allocate available to promise (10238)			4.1.7.1	Review distribution network (10264)		
		4.1.2.5	Monitor activity against forecast and revise			4.1.7.2	Establish sourcing relationships (10265)		
			forecast (10239)			4.1.7.3	Establish dynamic deployment policies (10266)		
		4.1.2.6	Evaluate and revise forecasting approach (10240)		4.1.8	Assess	distribution planning performance (10228)		
		4.1.2.7	Measure forecast accuracy (10241)			4.1.8.1	Establish appropriate performance indicators		
	4.1.3	Create r	naterials plan (10223)				(metrics) (10270)		
		4.1.3.1	Create unconstrained plan (10242)			4.1.8.2	Establish monitoring frequency (10271)		
		4.1.3.2	Collaborate with supplier and contract			4.1.8.3	Calculate performance measures (10272)		
			manufacturers (10243)			4.1.8.4	Identify performance trends (10273)		
		4.1.3.3	Identify critical materials and supplier capacity			4.1.8.5	Analyze performance benchmark gaps (10274)		
			(10244)			4.1.8.6	Prepare appropriate reports (10275)		
		4.1.3.4	Monitor material specifications (10245)			4.1.8.7	Develop performance improvement plan (10276)		
		4.1.3.5	Generate constrained plan (10246)		4.1.9	Develop	quality standards and procedures (10368)		
	4.1.4	Create a	and manage master production schedule			4.1.9.1	Establish quality targets (10371)		
		(10224)				4.1.9.2	Develop standard testing procedures (10372)		
		4.1.4.1	Generate site level plan (10247)			4.1.9.3	Communicate quality specifications (10373)		
		4.1.4.2	Manage work-in-progress inventory (10248)		_				
		4.1.4.3	Collaborate with suppliers (10249)				als and services (10216)		
		4.1.4.4	Generate and execute site schedule (10250)		4.2.1		sourcing strategies (10277)		
	4.1.5	Plan dis	tribution requirements (10225)			4.2.1.1	Develop procurement plan (10281)		
		4.1.5.1	Allocate available to promise (10251)				Clarify purchasing requirements (10282)		
		4.1.5.2	Maintain master data (10252)			4.2.1.3	Develop inventory strategy (10283)		
		4.1.5.3	Determine finished goods inventory			4.2.1.4	Match needs to supply capabilities (10284)		
			requirements at destination (10253)			4.2.1.5	Analyze company's spend profile (10285)		
		4.1.5.4	Calculate requirements at destination (10254)			4.2.1.6	Seek opportunities to improve efficiency and		
		4.1.5.5	Calculate consolidation at source (10255)			1017	value (10286)		
		4.1.5.6	Manage collaborative replenishment planning			4.2.1.7	Collaborate with suppliers to identify sourcing		
			(10256)				opportunities (10287)		
		4.1.5.7	Manage requirements for partners (10257)						

	4.2.2	Select s (10278)	uppliers and develop/maintain contracts			4.3.1.4	Release production orders and release create lots (10309)
		4.2.2.1	Prepare long and mid term source plans (13458)		4.3.2	Produce	e product (10304)
		4.2.2.2	Develop operational source plans (against forecasts) (13459)			4.3.2.1 4.3.2.2	Manage raw material inventory (10310) Execute detailed line schedule (10311)
		4.2.2.3	Develop inventory strategy (13460)			4.3.2.2	Rerun defective items (10313)
		4.2.2.4	Identify and analyze potential suppliers (13461)			4.3.2.4	Assess production performance (10314)
		4.2.2.5	Make initial go/no-go decision regarding		4.3.3		le and perform maintenance (10305)
			suppliers, prepare list of preferred suppliers (13462)		4.3.3	4.3.3.1	Determine process for preventive (planned) maintenance (Preventive Maintenance Orders)
		4.2.2.6	Select suppliers (10288)				(10315)
		4.2.2.7 4.2.2.8	Certify and validate suppliers (10289) Negotiate contracts (10290)			4.3.3.2	Determine process for requested (unplanned)
		4.2.2.9	Manage contracts (10291)				maintenance (Work Order Cycle) (10316)
	4.2.3		aterials and services (logistics) (13463)			4.3.3.3	Execute maintenance (10317)
	4.2.3	4.2.3.1	Requisition materials and services (13467)			4.3.3.4	Calibrate test equipment (10318)
		4.2.3.1	Manage 'blanket' orders (13468)			4.3.3.5	Report maintenance issues (10319)
		4.2.3.3	Deliver/Receive goods and services (13469)		4.3.4		quality testing (10369)
		4.2.3.4	Prepare invoicing/ make payments (13470)			4.3.4.1	Perform testing using the standard testing
		4.2.3.5	Manage damaged/ faulty goods and services			4040	procedure (10374)
		1.2.0.0	(13471)			4.3.4.2	Record test results (10375)
		4.2.3.6	Monitor/Report on suppliers (13472)		4.3.5		n production records and manage lot ility (10370)
	4.2.4		ate with suppliers on design/ development			4.3.5.1	Determine lot numbering system (10376)
		(13464)				4.3.5.2	Determine lot usage (10377)
		4.2.4.1	Segment or identify products conducive to collaboration with suppliers (13473)	4.4	Deliv	er service	e to customer (10218)
		4.2.4.2	Select appropriate supplier of group for		4.4.1		specific service requirements for individual
			collaboration (13474)		7.7.1		er (10320)
		4.2.4.3	Work collaboratively on design and develop-			4.4.1.1	Process customer request (10324)
			ment of specific goods and services (13475)			4.4.1.2	Create customer profile (10325)
	4.2.5	Manage	tenders (13465)			4.4.1.3	Generate service order (10326)
		4.2.5.1	Run sourcing mechanism (13476)		4.4.2	Identify	and schedule resources to meet service
		4.2.5.2	Analyze supplier responses/offerings (13477)			requirer	ments (10321)
		4.2.5.3	Make go /no-go decisions (13478)			4.4.2.1	Create resourcing plan and schedule (10327)
	4.2.6	_	contracts (13466)			4.4.2.2	Create service order fulfillment schedule
		4.2.6.1	Negotiate final contract terms and conditions				(10328)
			(13479)			4.4.2.3	Develop service order (10329)
		4.2.6.2	Renegotiate/optimize existing contracts based		4.4.3		e and install resource (13779)
		4000	on supplier performance (13480)			4.4.3.1	Accept design request for selected product
		4.2.6.3	Perform inventory control after contract period				and service (13789)
	407	۸:	(13481)			4.4.3.2	Identify physical resources (13790)
	4.2.7	4.2.7.1	e and develop suppliers (10280)			4.4.3.3	Identify physical and logical network resources (13791)
		4.2.7.1	Monitor/Manage supplier information (10299) Prepare/Analyze procurement and vendor			4.4.3.4	Allocate logical or physical network equipment
		4.2.7.2	performance (10300)			4.4.3.4	(13792)
		4.2.7.3	Support inventory and production processes			4.4.3.5	Allocate product specific resources (13793)
			(10301)			4.4.3.6	Deliver resources to site (13794)
		4.2.7.4	Monitor delivery performance of suppliers			4.4.3.7	Accept resource requests for complex product
			(check against contractually agreed SLAs)				configurations (13795)
			(13929)			4.4.3.8	Allocate skills profile to resources (13796)
		4.2.7.5	Monitor quality of product delivered (10302)		4.4.4	Provide	the service to specific customers (10322)
4.3	Produ	ce/Manu	facture/Deliver product (10217)			4.4.4.1	Organize daily service order fulfillment
	4.3.1		e production (10303)				schedule (10330)
	T.J. I	4.3.1.1	Generate line level plan (10306)			4.4.4.2	Dispatch resources (10331)
		4.3.1.2	Generate detailed schedule (10307)			4.4.4.3	Manage order fulfillment progress (10332)
		4.3.1.3	Schedule production orders and create lots			4.4.4.4	Validate order fulfillment block completion
			(10308)				(10333)

4.4.5	Manage	workforce (13780)			4.4.11.3	Correct and recover resource trouble (13835)
	4.4.5.1	Post receivable entries (10797)			4.4.11.4	Track and manage resource trouble (13836)
	4.4.5.2	Resolve customer billing inquires (10798)			4.4.11.5	Close resource trouble (13837)
	4.4.5.3	Establish AR policies (10799)			4.4.11.6	Report resource trouble (13838)
4.4.6	Service	activation (provisioning) (13781)			4.4.11.7	
	4.4.6.1	Conduct network provisioning (13800)		4 4 12	Manage	resource performance (13786)
	4.4.6.2	Update relevant databases (13801)				Control resource performance (13840)
	4.4.6.3	Trigger end to end activation (13802)			4.4.12.2	Analyze resource performance (13841)
	4.4.6.4	Measure activation process (13803)			4.4.12.3	Report resource performance (13842)
	4.4.6.5	Supply service details (13804)			4.4.12.4	Monitor resource performance (13843)
	4.4.6.6	Test service end to end (13805)			4.4.12.5	Create resource performance degradation
	4.4.6.7	Install service (13806)			4.4.12.3	report (13844)
	4.4.6.8	Configure/Reconfigure service (13807)			4.4.12.6	Track and manage resource performance
	4.4.6.9				4.4.12.0	
		Deliver final configuration (13808)			11127	degradation resolution (13845)
	4.4.6.10	Record configured service details (13809)			4.4.12.7	Close resource performance degradation report (13846)
4.4.7		e provisioning and activation (13782)				Teport (13040)
	4.4.7.1	Receive initial configuration requests (13810)	4.5	Mana	ge logisti	cs and warehousing (10219)
	4.4.7.2	Receive change and termination configuration		4.5.1		ogistics strategy (10338)
	4 4 7 0	requests (13811)		1.0.1	4.5.1.1	Translate customer service requirements into
	4.4.7.3	Receive activation trouble requests (13812)			1.0.1.1	logistics requirements (10343)
	4.4.7.4	Receive additional resource capability request			4.5.1.2	Design logistics network (10344)
		(13813)			4.5.1.3	Communicate outsourcing needs (10345)
	4.4.7.5	Resource request from Supplier/partner (13814)			4.5.1.4	Develop and maintain delivery service policy
	4.4.7.6	Configure resource for service instance (13815)			7.0.1.7	(10346)
	4.4.7.7	Interact with resource inventory (13816)			4.5.1.5	Optimize transportation schedules and costs
	4.4.7.8	Activate network elements (13817)			T.U.1.U	(10347)
	4.4.7.9	Test resource provisioning (13818)			4.5.1.6	Define key performance measures (10348)
4.4.8		uality of service (10323)		4.5.2		ound material flow (10339)
	4.4.8.1	Identify completed orders for feedback (10334)		4.3.2	4.5.2.1	·
	4.4.8.2	Identify incomplete orders and service failures			4.5.2.1	Plan inbound material receipts (10349)
		(10335)			4.5.2.2	Manage inbound material flow (10350)
	4.4.8.3	Solicit customer feedback on services			4.5.2.4	Monitor inbound delivery performance (10351)
		delivered (10336)		4.5.0		Manage flow of returned products (10352)
	4.4.8.4	Process customer feedback on services		4.5.3		warehousing (10340)
		delivered (10337)			4.5.3.1	Track inventory deployment (10353)
4.4.9	Manage	service quality (13783)			4.5.3.2	Receive, inspect, and store inbound deliveries
	4.4.9.1	Monitor service quality (13819)				(10354)
	4.4.9.2	Analyze service quality (13820)			4.5.3.3	Track product availability (10355)
	4.4.9.3	Improve service quality (13821)			4.5.3.4	Pick, pack, and ship product for delivery (10356)
	4.4.9.4	Report service quality performance (13822)			4.5.3.5	Track third-party logistics storage and shipping
	4.4.9.5	Create service performance degradation report				performance (10358)
		(13823)			4.5.3.6	Manage physical finished goods inventory
	4.4.9.6	Track and manage service quality performance				(10359)
		resolution (13824)		4.5.4		outbound transportation (10341)
	4.4.9.7	Close service performance degradation report			4.5.4.1	Plan, transport, and deliver outbound product
		(13825)				(10360)
4.4.10	Manage	service problem (13784)			4.5.4.2	Track carrier delivery performance (10361)
	4.4.10.1	Create service trouble report (13826)			4.5.4.3	Manage transportation fleet (10362)
	4.4.10.2	Diagnose service problem (13827)			4.5.4.4	Process and audit carrier invoices and
	4.4.10.3	Correct and resolve service problem (13828)				documents (10363)
	4.4.10.4	Track and manage service problem (13829)		4.5.5	Manage	returns; manage reverse logistics (10342)
	4.4.10.5	Report service problem (13830)			4.5.5.1	Authorize and process returns (10364)
	4.4.10.6	Close service trouble report (13831)			4.5.5.2	Perform reverse logistics (10365)
	4.4.10.7	Survey and analyze service problem (13832)			4.5.5.3	Perform salvage activities (10366)
Д Д 11					4.5.5.4	Manage and process warranty claims (10367)
4.4.11	_	resource trouble (13785)		4.5.6		warehouse (13787)
	4.4.11.1	Survey and analyze resource trouble (13833)		7.0.0	4.5.6.1	Manage warehouse strategy and policy (13847)
	4.4.11.2	Localize resource trouble (13834)			т.О.О. І	wanage warenedse strategy and poncy (1504/)

		4.5.6.2	Define and manage warehouse storage	4.9	Mana	ge suppli	ier/partner relationship (13859)
			location layout (13848)		4.9.1		supplier/partner relationship management
		4.5.6.3	Manage warehouse inventory (13849)				and readiness (13870)
		4.5.6.4	Track and manage physical warehouse inventory (13850)			4.9.1.1	Support supplier/partner requisition management (13899)
	4.5.7	Manage 4.5.7.1	physical resource inventory (13788) Manage physical inventory (13851)			4.9.1.2	Support supplier/partner reporting and management (13900)
		4.5.7.2	Manage stock transfer (13852)			4.9.1.3	Support supplier/partner performance
		4.5.7.3	Manage receipt of goods and services (13853)				management (13901)
		4.5.7.4	Manage goods issue (13854)			4.9.1.4	Support supplier/partner settlement and
		4.5.7.5	Manage inventory strategy and policy (13855)				payment management (13902)
4.6	Mana	ge servic	e, support operation and readiness (13856)			4.9.1.5	Manage support supplier/partner interface (13903)
	4.6.1	Manage	service inventory (13860)			4.9.1.6	Manage supplier/partner inventory (13904)
	4.6.2	Enable s	ervice configuration and activation (13861)		4.9.2	Manage	e supplier/partner requisition (13871)
	4.6.3	Support	service problem management (13862)				
	4.6.4	Enable s	ervice quality management (13863)	4.8		•	anage supply chain (13858)
		4.6.4.1	Administer receipt of service content (13876)		4.8.1	•	ze and plan supply chain (13867)
		4.6.4.2	Administer service content aggregation (13877)			4.8.1.1	Gather and analyze supply chain information
		4.6.4.3	Administer service content delivery (13878)			1012	(13884)
	4.6.5	• •	service and specific instance rating (13864)			4.8.1.2	Establish supply chain strategy and goals (13885)
4.7	Mana	ge resour	ce, support operation and readiness (13857)			4.8.1.3	Define supply chain support strategies (13886)
	4.7.1	Support	resource trouble management (13865)			4.8.1.4	Produce supply chain business plans (13887)
	4.7.2	Manage	resource inventory (13866)			4.8.1.5	Gain enterprise commitment to supply chain plans (13888)
		4.7.2.1	Monitor and manage resource inventory (13879)		400	Dalivar	•
		4.7.2.2	Manage resource inventory count and audits		4.8.2	4.8.2.1	supply chain capability (13868) Determine sourcing requirements (13889)
			(13880)			4.8.2.2	Manage the tender process (13890)
		4.7.2.3	Record resource inventory (13881)			4.8.2.3	Gain tender decision approval (13891)
		4.7.2.4	Define resource inventory threshold values (13882)			4.8.2.4	Gain approval for commercial arrangements (13892)
		4.7.2.5	Manage Resource inventory supply and			4.8.2.5	Determine potential supplier/partners (13893)
			demand variability (13883)			4.8.2.6	Negotiate commercial arrangements (13894)
4.8	Devel	op and m	anage supply chain (13858)		4.8.3		supply chain and manage change (13869)
	4.8.1	-	ze and plan supply chain (13867)			4.8.3.1	Manage supplier/partner engagement (13895)
		4.8.1.1	Gather and analyze supply chain information (13884)			4.8.3.2	Manage supply chain contract variation (13896)
		4.8.1.2	Establish supply chain strategy and goals			4.8.3.3	Manage supplier partner termination (13897)
			(13885)			4.8.3.4	Manage supply chain supplier/partner
		4.8.1.3	Define supply chain support strategies (13886)				termination (13898)
		4.8.1.4	Produce supply chain business plans (13887)	4.9	Mana	ao cunnli	ier/partner relationship (13859)
		4.8.1.5	Gain enterprise commitment to supply chain plans (13888)	7.5	4.9.1	Perform	supplier/partner relationship management
	4.8.2	Deliver s	supply chain capability (13868)				and readiness (13870)
		4.8.2.1	Determine sourcing requirements (13889)			4.9.1.1	Support supplier/partner requisition management (13899)
		4.8.2.2	Manage the tender process (13890)			4.9.1.2	Support supplier/partner reporting and
		4.8.2.3	Gain tender decision approval (13891)			7.0.1.2	management (13900)
		4.8.2.4	Gain approval for commercial arrangements (13892)			4.9.1.3	Support supplier/partner performance management (13901)
		4.8.2.5	Determine potential supplier/partners (13893)			4.9.1.4	Support supplier/partner settlement and
		4.8.2.6	Negotiate commercial arrangements (13894)				payment management (13902)
	4.8.3		supply chain and manage change (13869)			4.9.1.5	Manage support supplier/partner interface
		4.8.3.1	Manage supplier/partner engagement (13895)				(13903)
		4.8.3.2	Manage supply chain contract variation (13896)			4.9.1.6	Manage supplier/partner inventory (13904)
		4.8.3.3	Manage supplier partner termination (13897)		4.9.2	Manage	e supplier/partner requisition (13871)
		4.8.3.4	Manage supply chain supplier/partner termination (13898)			J	

5.0 Manage Customer Service (10006)

5.1	Devel	op custon	ner care/customer service strategy (10378)			5.2.6.2	Track marketing leads (13509)
•	5.1.1	•	customer service segmentation/		5.2.7		at customers (13503)
	0		tion (e.g., tiers) (10381)		0.2.7	5.2.7.1	Identify customer groups (13510)
		5.1.1.1	Analyze existing customers (10384)			5.2.7.2	Determine content requirements based on
		5.1.1.2	Analyze feedback of customer's needs (10385)				individual customer groups (13511)
	5.1.2	Define c	ustomer service policies and procedures			5.2.7.3	Analyze device capabilities of individual
		(10382)					customer groups (13512)
	5.1.3	Establish	n service levels for customers (10383)			5.2.7.4	Map device against target segments (13513)
F 0	DI		(40270)		5.2.8		orders (13504)
5.2			ge customer service operations (10379)			5.2.8.1	Establish order (13514)
	5.2.1		l manage customer service work force			5.2.8.2 5.2.8.3	Close customer order (13515)
		(10387) 5.2.1.1	Forecast volume of customer service contacts			5.2.8.4	Complete order (13516) Report customer order handling (13517)
		J.Z.1.1	(10390)		5.2.9		e customer quality of service (QoS)/ service
		5.2.1.2	Monitor and evaluate quality of customer		J.Z.J		reement (SLA) (13505)
			interactions with customer service			5.2.9.1	Access customer QoS/SLA management
			representatives (10393)				(13536)
	5.2.2	Manage	customer service requests/inquiries			5.2.9.2	Manage QoS violation (13537)
		(10388)				5.2.9.3	Report customer quality of service (QoS)
		5.2.2.1	Receive customer requests/inquiries (10394)				performance (13538)
		5.2.2.2	Analyze problem/request (13482)			5.2.9.4	Create customer QoS performance degradation
		5.2.2.3	Resolve problem/request or hand over to			EZOE	report (13539)
		5.2.2.4	responsible areas (13483) Receive solution (13484)			5.2.9.5	Track and manage customer QoS performance resolution (13540)
		5.2.2.5	Route customer requests/inquiries (10395)			5.2.9.6	Close customer QoS performance degradation
		5.2.2.6	Respond to customer requests/inquiries			0.2.0.0	report (13541)
			(10396)		5.2.10	Handle ı	problems (13506)
	5.2.3	Manage	customer complaints (10389)			5.2.10.1	
		5.2.3.1	Receive customer complaints (10397)				Isolate customer problem (13543)
		5.2.3.2	Route customer complaints (10398)			5.2.10.3	Report customer problem (13544)
		5.2.3.3	Resolve customer complaints (10399)				Track and manage customer problem (13545)
		5.2.3.4	Respond to customer complaints (10400)			5.2.10.5	Close customer problem report (13546)
	5.2.4		customer relationship management (CRM)		E 0 11	5.2.10.6	Correct and recover customer problem (13547)
		5.2.4.1	and readiness (13485) Support customer interface management		5.2.11	5.2.11.1	customers and promote loyalty (13507) Establish and terminate customer relationship
		J.Z.T.1	(13487)			0.2.11.1	(13548)
		5.2.4.2	Support order handling (13488)			5.2.11.2	Build customer insight (13549)
		5.2.4.3	Support problem handling (13489)				Personalize customer profile for retention and
		5.2.4.4	Support billing and collections (13490)				loyalty (13550)
		5.2.4.5	Support retention and loyalty (13491)			5.2.11.4	Analyze and manage customer risk (13551)
		5.2.4.6	Support marketing fulfillment (13492)			5.2.11.5	Validate customer satisfaction (13552)
		5.2.4.7 5.2.4.8	Support selling (13493) Manage campaigns (13494)	5.3	Assur	e service	(13553)
		5.2.4.9	Manage customer inventory (13495)		5.3.1		problem (13554)
		5.2.4.10	Manage product offering inventory (13496)			5.3.1.1	Monitor continuously/analyze service (13560)
		5.2.4.11	Manage sales inventory (13497)			5.3.1.2	Perform regular/preventative maintenance
	5.2.5		customer interface (13486)				cycles (13561)
		5.2.5.1	Manage request (13498)			5.3.1.3	Take proactive control (13562)
		5.2.5.2	Manage contact (13499)			5.3.1.4	Receive customer complaints on service
		5.2.5.3	Analyze and report on customer (13500)				assurance related problems (e.g. service
		5.2.5.4	Mediate and orchestrate customer interactions		E 2 2	Correlat	outage, QoS Problems) (13563)
			(13501)		5.3.2	5.3.2.1	te problems (13555) Collect problems (13564)
	5.2.6		narketing fulfillment response (13502)			5.3.2.1	Conduct fault analysis/diagnostic (13565)
		5.2.6.1	Issue and distribute marketing collateral (13508)			5.0.2.2	Solitable radic analysis, diagnostic (10000)

	5.3.2.3	Correlate problems to find problem hot spots (performance and fault data correlation)	5.4	Meas (10380		evaluate customer service operations
E 2 2	Analyza	(13566)		5.4.1		e customer satisfaction with customer
5.3.3		impact (13556)			•	s/inquiries handling (10401)
	5.3.3.1	Analyze impact of service problems (violation of SLAs, network outage, etc) (13567)			5.4.1.1	Gather and solicit post-sale customer feedback on products and services (10404)
	5.3.3.2	Define severity status of problems (13568)			5.4.1.2	Solicit post-sale customer feedback on ad
	5.3.3.3	Notify customer (service) on impact of				effectiveness (10405)
		problems and expected resolution times			5.4.1.3	Analyze product and service satisfaction
		respectively out-of-service times (13569)				data and identify improvement opportunities
5.3.4	Prioritiz	e problems (13557)				(10406)
	5.3.4.1	Examine quality of service (QoS) (13570)			5.4.1.4	Provide customer feedback to product
	5.3.4.2	Determine number of customers affected by				management on products and services (10407)
		problem (13571)		5.4.2	Measur	e customer satisfaction with customer-
	5.3.4.3	Determine type of customer affected by			complai	int handling and resolution (10402)
		problem (13572)			5.4.2.1	Solicit customer feedback on complaint
	5.3.4.4	Identify severity status (13573)				handling and resolution (11236)
	5.3.4.5	Prioritize problem (13574)			5.4.2.2	Analyze customer complaint data and identify
	5.3.4.6	Schedule repair/restoration technicians to do				improvement opportunities (11237)
		work (13575)		5.4.3	Measur	e customer satisfaction with products and
5.3.5		problems/ restore service (13558)			services	s (10403)
	5.3.5.1	Resolve problems/ restore service (13576)			5.4.3.1	Gather and solicit post-sale customer feedback
	5.3.5.2	Document cause of problem and problem				on products and services (11238)
		resolution (13577)			5.4.3.2	Solicit post-sale customer feedback on ad
	5.3.5.3	Update knowledge database, if available				effectiveness (11239)
		(13578)			5.4.3.3	Analyze product and service satisfaction
5.3.6	Maintai	n customer service information (13559)				data and identify improvement opportunities
	5.3.6.1	Inform the customer/customer service on				(11240)
		"service restored" status (13579)			5.4.3.4	Provide customer feedback to product
	5.3.6.2	Renegotiate/optimize existing contracts based				management on products and services (11241)
		on supplier performance (13480)				
	5.3.6.3	Close trouble ticket (13581)				

6.0 Develop and Manage Human Capital (10007)

6.1			anage human resources (HR) planning, rategies (10409)	6.1.2	Develop and implement human resources plans (10416)		
	6.1.1		human resources strategy (10415) Manage organization structure (13582) Manage and co-ordinate organizational change (13583) Identify strategic HR needs (10418) Define HR and business function roles and accountability (10419) Determine HR costs (10420) Manage headcount planning (13584) Map cost structure to organizational unit (13585) Define employee development guidelines		6.1.2.1 6.1.2.2 6.1.2.3 6.1.2.4 6.1.2.5 6.1.2.6	Gather skill requirements according to corporate strategy and market environment (13587) Plan employee requirements per unit/organization (13588) Gather skill requirements according to corporate strategy and market environment (10423) Plan employee resourcing requirements per unit/organization (10424) Develop compensation plan (10425) Develop succession plan (10426)	
		6.1.1.9 6.1.1.10	(13586) Establish HR measures (10421) Communicate HR strategies (10422)		6.1.2.7 6.1.2.8 6.1.2.9 6.1.2.10 6.1.2.11	Develop employee diversity plan (10427) Develop other HR programs (10428) Develop HR policies (10429) Administer HR policies (10430) Plan employee benefits (10431)	

		6.1.2.12	Plan training and development programs (13589)		6.2.6	6.2.5.3	Hire candidate (10465) andidates (10444)
		6.1.2.13	Create and maintain position and job (13590)		0.2.0		Create applicant record (10466)
		6.1.2.14	Identify workforce competency and skills			6.2.6.1	
		0.1.2.14	(13591)			6.2.6.2	Manage/track applicant data (10467)
		6.1.2.15	Define workforce competency and skill needs			6.2.6.3	Archive and retain records of non-hires (10468)
			(13592)	6.3		-	ounsel employees (10411)
		6.1.2.16	Develop strategy for HR systems/ technologies/tools (10432)		6.3.1	Manage (10469)	employee orientation and deployment
		6.1.2.17	Develop workforce strategy models (10433)			6.3.1.1	Create/maintain employee on-boarding
		6.1.2.18	Define costs of workforce strategy models			0.01.11	program (10474)
		01112110	(13593)			6.3.1.2	Introduce new employees to managers (10475)
	6.1.3	Monitor	and update plans (10417)			6.3.1.3	Introduce workplace (10476)
	0.1.0	6.1.3.1	Monitor existing skill profiles of employees			6.3.1.4	Evaluate the effectiveness of the employee
		0.1.0.1	(13594)				on-boarding program (11243)
		6.1.3.2	Measure realization of objectives (10434)		6.3.2	Manage	employee performance (10470)
		6.1.3.3	Measure contribution to business strategy		0.0.2	6.3.2.1	Define performance objectives (10479)
		0.1.0.0	(10435)			6.3.2.2	Review, appraise, and manage employee
		6.1.3.4	Communicate plans and provide updates to			0.0.2.2	performance (10480)
		0.1.0.1	stakeholders (10436)			6.3.2.3	Evaluate and review performance program
		6.1.3.5	Determine value added from HR function			0.0.2.0	(10481)
			(10437)		6.3.3	Manage	employee relations (10471)
		6.1.3.6	Review and revise HR plans (10438)		0.0.0	6.3.3.1	Manage health and safety (10482)
			·			6.3.3.2	Manage labor relations (10483)
6.2	Recru	it, source	, and select employees (10410)			6.3.3.3	Manage collective bargaining process (10484)
	6.2.1	Create a	nd develop employee requisitions (10439)			6.3.3.4	Manage labor management partnerships
		6.2.1.1	Analyze corporate job (13595)				(10485)
		6.2.1.2	Define job/skill profiles (13596)		6.3.4	Manage	employee development (10472)
		6.2.1.3	Align staffing plan to workforce plan and		0.0.1	6.3.4.1	Develop competency management plans
			business unit strategies/resource needs			0.0.1.1	(10486)
			(10445)			6.3.4.2	Define employee development guidelines
		6.2.1.4	Develop and open job requisition (10446)				(10487)
		6.2.1.5	Develop a job description (10447)			6.3.4.3	Develop employee career plans (10488)
		6.2.1.6	Post requisition (10448)			6.3.4.4	Manage employee skills development (10489)
		6.2.1.7	Manage internal/external job posting Web			6.3.4.5	Administer training and events (13597)
		6.2.1.8	sites (10449) Change/Update requisition (10450)		6.3.5	Develop	and train employees (10473)
		6.2.1.9	Notify hiring manager (10451)				Align employee and organization development
		6.2.1.10	Manage requisition date (10452)				needs (10490)
			- '			6.3.5.2	Develop competencies (10491)
	6.2.2	6.2.2.1	Source candidates (10440) Determine recruitment methods (10453)			6.3.5.3	Establish training needs by analysis of
		6.2.2.1	Perform recruiting activities/events (10454)				required and available skills (10492)
		6.2.2.3	Manage recruitment vendors (10455)			6.3.5.4	Develop, conduct, and manage employee and/
							or management training programs (10493)
	6.2.3		and select candidates (10441)			6.3.5.5	Manage personnel development (13598)
		6.2.3.1	Identify and deploy candidate selection tools (10456)		6.3.6	Establisl	h employee communities (13599)
		6.2.3.2	Interview candidates (10457)	0.4			(40,40)
		6.2.3.3	Test candidates (10458)	6.4			tain employees (10412)
		6.2.3.4	Select and reject candidates (10459)		6.4.1		and manage reward, recognition, and
	6.2.4		pre-placement verification (10442)				on programs (10494)
	0.2.4	6.2.4.1	Complete candidate background information			6.4.1.1	Develop salary/compensation structure and
		0.2.4.1	(10460)			0.4.1.0	plan (10498)
		6.2.4.2	Conduct pre-employment screening (10461)			6.4.1.2	Develop benefits and reward plan (10499)
		6.2.4.3	Recommend/not recommend candidate			6.4.1.3	Perform competitive analysis of benefit and rewards (10500)
		U.L.T.U	(10462)			6.4.1.4	Identify compensation requirements based on
	6.2.5	Manago	new hire/re-hire (10443)			0.4.1.4	financial, benefits, and HR policies (10501)
	0.2.3	6.2.5.1	Draw up and make offer (10463)			6.4.1.5	Administer compensation and rewards to
		6.2.5.2	Negotiate offer (10464)			0.7.1.0	employees (10502)
		0.2.0.2					

	6.4.2	6.4.1.6 Manage	Reward and motivate employees (10503) and administer benefits (10495)		6.6.4	Manage (HRIS) (1	human resource information systems 10525)
		6.4.2.1	Deliver employee benefits program (10504)		6.6.5	Develop	and manage employee metrics (10526)
		6.4.2.2	Administer benefit enrollment (10505)		6.6.6	Develop	and manage time and attendance (10527)
		6.4.2.3	Process claims (10506)		6.6.7	Manage	employee communication (10528)
	642	6.4.2.4	Perform benefit reconciliation (10507) employee assistance and retention (10496)			6.6.7.1	Develop employee communication plan
	6.4.3	6.4.3.1	Deliver programs to support work/life balance			6.6.7.2	(10529) Manage/collect employee suggestions and
		0. 1.0.1	for employees (10508)			0.0.7.2	perform employee research (10530)
		6.4.3.2	Develop family support systems (10509)			6.6.7.3	Manage employee grievances (10531)
		6.4.3.3	Review retention and motivation indicators			6.6.7.4	Publish employee communications (10532)
		6.4.3.4	(10510) Review compensation plan (10511)		6.6.8		employee compensation (13600)
	6.4.4		• • • • • • • • • • • • • • • • • • • •			6.6.8.1	Manage personnel cost planning (13601)
		6.4.4 Payroll administration (10497)		6.7	Manage employee and labor relations (13602)		
6.5				6.7.1	Manage	e employee relations (13605)	
	6.5.1	_	promotion and demotion process (10512)			6.7.1.1	Manage terms of employment (13615)
	6.5.2	•	separation (10513)			6.7.1.2	Manage union contact agreements (13616)
	6.5.3	Ū	retirement (10514)			6.7.1.3 6.7.1.4	Manage employee arbitration (13617) Manage labor contract development (13618)
	6.5.4	•	leave of absence (10515)			6.7.1.5	Manage employee counseling (13619)
	6.5.5	Develop (10516)	and implement employee outplacement				
	6.5.6		deployment of personnel (10517)	6.8		-	eational health and safety (13603)
	6.5.7	_	employees and manage assignments		6.8.1	•	e health and safety planning (13606)
	0.3.7	(10518)	employees and manage assignments		6.8.2		nd report health and safety incidents (13607)
	6.5.8		employment reduction and retirement	6.9			orce administration (13604)
		(10519)			6.9.1	•	e personnel profile (13608)
	6.5.9	•	expatriates (10520)		6.9.2 6.9.3	•	e personnel time management (13609)
	6.5.10	Manage	employee relocation process (10521)		6.9.4	Manage personnel benefit administration (13610) Manage organization structure (13611)	
6.6	Mana	ge employ	/ee information (10414)		6.9.5	•	e recruitment (13612)
	6.6.1	Manage	reporting processes (10522)		6.9.6	•	e compensation (13613)
	6.6.2	Manage	employee inquiry process (10523)		6.9.7	_	e leave (13614)
	6.6.3	Manage	and maintain employee data (10524)		0.0.7	ivialiaye	, 100V6 (1001 1)

7.0 Manage Information Technology (10008)

7.1	Mana	ge the bu	siness of information technology (10563)	7.1.2	Define the enterprise architecture (10571)	
	7.1.1	Develop	the enterprise IT strategy (10570)		7.1.2.1	Establish the enterprise architecture definition
		7.1.1.1	Build strategic intelligence (10603)			(10611)
		7.1.1.2	Identify long-term IT needs of the enterprise in collaboration with stakeholders (10604)		7.1.2.2	Confirm enterprise architecture maintenance approach (10612)
		7.1.1.3	Define strategic standards, guidelines and principles (10605)		7.1.2.3	Maintain the relevance of the enterprise architecture (10613)
		7.1.1.4	Define and establish IT architecture and development standards (10606)		7.1.2.4	Act as clearinghouse for IT research and innovation (10614)
		7.1.1.5	Define strategic vendors for IT components		7.1.2.5	Govern the enterprise architecture (10615)
		7.1.1.0	(10607)		7.1.2.6	Gather internal and external requirements
		7.1.1.6	Establish IT governance organization and			(13620)
			processes (10608)		7.1.2.7	Define master plan for IT architecture
		7.1.1.7	Build strategic plan to support business objectives (10609)			enhancements according to business requirements (13621)
					7.1.2.8	Incorporate technology development (13622)

	7.1.3	Manage 7.1.3.1 7.1.3.2	Ethe IT portfolio (10572) Establish the IT portfolio (10616) Analyze and evaluate the value of the IT		7.2.3	Perform services 7.2.3.1	Analyze IT services and solutions consumption
		7.1.3.3	portfolio for the enterprise (10617) Provision resources in accordance with strategic priorities (10618)			7.2.3.2	and usage (10644) Develop and implement incentive programs that improve consumption efficiency (10645)
	7.1.4	Perform	IT research and innovation (10573)				
		7.1.4.1	Research technologies to innovate IT services and solutions (10620)			7.2.3.3	Develop volume/unit forecast for IT services and solutions (10646)
		7.1.4.2	Transition viable technologies for IT services and solutions development (10621)		7.2.4	Manage 7.2.4.1	IT customer satisfaction (10581) Capture and analyze customer satisfaction
	7.1.5	Perform	IT financial management (10574)				(10647)
		7.1.5.1	Develop and maintain IT services and solutions cost transparency (10622)			7.2.4.2	Assess and communicate customer satisfaction patterns (10648)
		7.1.5.2	Establish and maintain accounting process (10623)			7.2.4.3	Initiate improvements based on customer satisfaction patterns (10649)
		7.1.5.3	Tie project funding to business case decision checkpoints (10624)		7.2.5	Market I 7.2.5.1	T services and solutions (10582) Develop IT services and solutions marketing
	7.1.6	Evaluate	e and communicate IT business value and				strategy (10650)
		perform 7.1.6.1	ance (10575) Establish and monitor key performance			7.2.5.2	Develop and manage IT customer strategy (10651)
			indicators (10625)			7.2.5.3	Manage IT services and solutions advertising
		7.1.6.2 7.1.6.3	Evaluate IT plan performance (10626) Communicate IT value (10627)			7.2.5.4	and promotional campaigns (10652) Process and track IT services and solutions
	7.1.7		IT staff management (10576)				orders (10653)
		7.1.7.1	Develop IT leadership and staff (10628)	7.3	Mana	ge busine	ess resiliency and risk (11216)
	7.4.0	7.1.7.2	Manage IT staff performance (10629)		7.3.1	Develop	and manage business resilience (11217)
	7.1.8	7.1.8.1	BIT suppliers and contracts (10577) Develop IT (development and delivery) sourcing strategies (10630)			7.3.1.1 7.3.1.2	Develop the business resilience strategy (11221) Perform continuous business operations planning (11222)
		7.1.8.2 7.1.8.3	Negotiate with suppliers (10631) Establish and maintain supplier relationships (10632)			7.3.1.3 7.3.1.4	Test continuous business operations (11223) Maintain continuous business operations
		7.1.8.4	Evaluate supplier performance (10633)				(11224)
		7.1.8.5	Assess contract performance (10634)		7.3.2	Develop 7.3.2.1	and manage regulatory compliance (11218) Develop the regulatory compliance strategy (11225)
7.2		•	anage IT customer relationships (10564)			7.3.2.2	Establish regulatory compliance controls (11226)
	7.2.1	Develop 7.2.1.1	IT services and solutions strategy (10578) Research IT services and solutions to address business and user requirements (11244)			7.3.2.3	Manage regulatory compliance remediation (11227)
		7.2.1.2	Translate business and user requirements into IT services and solutions requirements (11245)		7.3.3	Perform 7.3.3.1	integrated risk management (11219) Develop an integrated risk strategy and
		7.2.1.3	Formulate IT services and solutions strategic initiatives (11246)			7.3.3.2	approach (11228) Manage integrated risks (11229)
		7.2.1.4	Coordinate strategies with internal stake- holders to ensure alignment (11247)		7.3.4	•	and implement security, privacy, and data on controls (11220)
		7.2.1.5	Evaluate and select IT services and solutions strategic initiatives (11248)			7.3.4.1	Establish information security, privacy, and data protection strategies and levels (11230)
	7.2.2	Develop 7.2.2.1	and manage IT service levels (10579) Create and maintain the IT services and solutions catalog (10640)			7.3.4.2	Test, evaluate, and implement information security, and privacy and data protection controls (11231)
		7.2.2.2	Establish and maintain business and IT service level agreements (10641)	7.4	Mana	ge enterp	rise information (10565)
		7.2.2.3	Evaluate and report service level attainment results (10642)		7.4.1		information and content management es (10583)
		7.2.2.4	Communicate business and IT service level improvement opportunities (10643)			7.4.1.1	Understand information and content management needs and the role of IT services for executing the business strategy (10654)

		7.4.1.2	Assess the information and content management implications of new technologies		7.5.6	Create I 7.5.6.1	T services and solutions (10590) Understand confirmed requirements (10675)
			(10655)			7.5.6.2	Design IT services and solutions (10676)
		7.4.1.3	Identify and prioritize information and content management actions (10656)			7.5.6.3	Acquire/Develop IT service/solution components (10677)
	7 4 2	Define t	ha antarprica information architectura			7.5.6.4	Train services and solutions resources (10678)
	7.4.2	(10584)	he enterprise information architecture			7.5.6.5 7.5.6.6	Test IT services/solutions (10679) Confirm customer acceptance (10680)
		7.4.2.1	Define information elements, composite		7.5.7	Test IT a	rchitecture and build-up (13928)
			structure, logical relationships and constraints, taxonomy, and derivation rules (10657)			7.5.7.1	Define testing and acceptance criteria (13625)
		7.4.2.2	Define information access requirements			7.5.7.2	Conduct acceptance test (13626)
			(10658)			7.5.7.3 7.5.7.4	Implement architecture enhancements (13627) Transfer to operations (13628)
		7.4.2.3 7.4.2.4	Establish data custodianship (10659) Manage changes to content data architecture		7.5.8	Maintair	n IT services and solutions (10591)
			requirements (10660)			7.5.8.1	Understand upkeep/enhance requirements and defect analysis (10681)
	7.4.3	_	information resources (10585)			7.5.8.2	Design change to existing IT service/solution
		7.4.3.1	Define the enterprise information/data policies and standards (10661)				(10682)
		7.4.3.2	Develop and implement data and content			7.5.8.3	Acquire/develop changed IT service/solution
			administration (10662)			7.5.0.4	component (10683)
	7.4.4	Perform	enterprise data and content management			7.5.8.4	Test IT service/solution change (10684)
	,	(10586)	onto phot data and contont management			7.5.8.5	Retire solutions and services (10685)
		7.4.4.1	Define sources and destinations of content	7.6	Deplo	-	tion technology solutions (10567)
		7.4.4.0	data (10663)		7.6.1	-	the IT deployment strategy (10592)
		7.4.4.2	Manage technical interfaces to users of content (10664)			7.6.1.1	Establish IT services and solutions change policies (10686)
		7.4.4.3	Manage retention, revision, and retirement of enterprise information (10665)			7.6.1.2	Define deployment process, procedures, and tools standards (10687)
7.5			aintain information technology solutions			7.6.1.3	Select deployment methodologies and tools (10688)
7.5	(10566	6)			7.6.2		(10688)
7.5		Develop	the IT development strategy (10587)		7.6.2		
7.5	(10566	6)	the IT development strategy (10587) Establish sourcing strategy for IT development		7.6.2	Plan and 7.6.2.1 7.6.2.2	(10688) d implement changes (10593) Plan change deployment (10689) Communicate changes to stakeholders (10690)
7.5	(10566	Develop 7.5.1.1	the IT development strategy (10587) Establish sourcing strategy for IT development (10666)		7.6.2	Plan and 7.6.2.1 7.6.2.2 7.6.2.3	(10688) d implement changes (10593) Plan change deployment (10689) Communicate changes to stakeholders (10690) Administer change schedule (10691)
7.5	(10566	Develop	the IT development strategy (10587) Establish sourcing strategy for IT development (10666) Define development processes, methodologies,		7.6.2	Plan and 7.6.2.1 7.6.2.2 7.6.2.3 7.6.2.4	(10688) d implement changes (10593) Plan change deployment (10689) Communicate changes to stakeholders (10690) Administer change schedule (10691) Train impacted users (10692)
7.5	(10566	Develop 7.5.1.1	the IT development strategy (10587) Establish sourcing strategy for IT development (10666)		7.6.2	Plan and 7.6.2.1 7.6.2.2 7.6.2.3 7.6.2.4 7.6.2.5	(10688) d implement changes (10593) Plan change deployment (10689) Communicate changes to stakeholders (10690) Administer change schedule (10691) Train impacted users (10692) Distribute and install change (10693)
7.5	(10566	Develop 7.5.1.1 7.5.1.2	the IT development strategy (10587) Establish sourcing strategy for IT development (10666) Define development processes, methodologies, and tools standards (10667)			Plan and 7.6.2.1 7.6.2.2 7.6.2.3 7.6.2.4 7.6.2.5 7.6.2.6	(10688) I implement changes (10593) Plan change deployment (10689) Communicate changes to stakeholders (10690) Administer change schedule (10691) Train impacted users (10692) Distribute and install change (10693) Verify change (10694)
7.5	(10566	Develop 7.5.1.1 7.5.1.2 7.5.1.3	the IT development strategy (10587) Establish sourcing strategy for IT development (10666) Define development processes, methodologies, and tools standards (10667) Select development methodologies and tools		7.6.2	Plan and 7.6.2.1 7.6.2.2 7.6.2.3 7.6.2.4 7.6.2.5 7.6.2.6 Plan and	(10688) I implement changes (10593) Plan change deployment (10689) Communicate changes to stakeholders (10690) Administer change schedule (10691) Train impacted users (10692) Distribute and install change (10693) Verify change (10694) I manage releases (10594)
7.5	(10566 7.5.1	Develop 7.5.1.1 7.5.1.2 7.5.1.3 Perform planning	the IT development strategy (10587) Establish sourcing strategy for IT development (10666) Define development processes, methodologies, and tools standards (10667) Select development methodologies and tools (10668) IT services and solutions life cycle (10588)			Plan and 7.6.2.1 7.6.2.2 7.6.2.3 7.6.2.4 7.6.2.5 7.6.2.6	(10688) d implement changes (10593) Plan change deployment (10689) Communicate changes to stakeholders (10690) Administer change schedule (10691) Train impacted users (10692) Distribute and install change (10693) Verify change (10694) d manage releases (10594) Understand and coordinate release design
7.5	(10566 7.5.1	Develop 7.5.1.1 7.5.1.2 7.5.1.3 Perform	the IT development strategy (10587) Establish sourcing strategy for IT development (10666) Define development processes, methodologies, and tools standards (10667) Select development methodologies and tools (10668) IT services and solutions life cycle (10588) Plan development of new requirements			Plan and 7.6.2.1 7.6.2.2 7.6.2.3 7.6.2.4 7.6.2.5 7.6.2.6 Plan and 7.6.3.1	(10688) d implement changes (10593) Plan change deployment (10689) Communicate changes to stakeholders (10690) Administer change schedule (10691) Train impacted users (10692) Distribute and install change (10693) Verify change (10694) d manage releases (10594) Understand and coordinate release design and acceptance (10695)
7.5	(10566 7.5.1	Develop 7.5.1.1 7.5.1.2 7.5.1.3 Perform planning 7.5.2.1	the IT development strategy (10587) Establish sourcing strategy for IT development (10666) Define development processes, methodologies, and tools standards (10667) Select development methodologies and tools (10668) IT services and solutions life cycle (10588) Plan development of new requirements (10669)			Plan and 7.6.2.1 7.6.2.2 7.6.2.3 7.6.2.4 7.6.2.5 7.6.2.6 Plan and	(10688) d implement changes (10593) Plan change deployment (10689) Communicate changes to stakeholders (10690) Administer change schedule (10691) Train impacted users (10692) Distribute and install change (10693) Verify change (10694) d manage releases (10594) Understand and coordinate release design and acceptance (10695) Plan release rollout (10696)
7.5	(10566 7.5.1	Develop 7.5.1.1 7.5.1.2 7.5.1.3 Perform planning 7.5.2.1 7.5.2.2	the IT development strategy (10587) Establish sourcing strategy for IT development (10666) Define development processes, methodologies, and tools standards (10667) Select development methodologies and tools (10668) IT services and solutions life cycle (10588) Plan development of new requirements (10669) Plan development of feature and functionality enhancement (10670)		7.6.3	Plan and 7.6.2.1 7.6.2.2 7.6.2.3 7.6.2.4 7.6.2.5 7.6.2.6 Plan and 7.6.3.1 7.6.3.2 7.6.3.3 7.6.3.4	(10688) If implement changes (10593) Plan change deployment (10689) Communicate changes to stakeholders (10690) Administer change schedule (10691) Train impacted users (10692) Distribute and install change (10693) Verify change (10694) If manage releases (10594) Understand and coordinate release design and acceptance (10695) Plan release rollout (10696) Distribute and install release (10697) Verify release (10698)
7.5	(10566 7.5.1	Develop 7.5.1.1 7.5.1.2 7.5.1.3 Perform planning 7.5.2.1	the IT development strategy (10587) Establish sourcing strategy for IT development (10666) Define development processes, methodologies, and tools standards (10667) Select development methodologies and tools (10668) IT services and solutions life cycle (10588) Plan development of new requirements (10669) Plan development of feature and functionality enhancement (10670) Develop life cycle plan for IT services and	7.7	7.6.3 Delive	Plan and 7.6.2.1 7.6.2.2 7.6.2.3 7.6.2.4 7.6.2.5 7.6.2.6 Plan and 7.6.3.1 7.6.3.2 7.6.3.3 7.6.3.4 er and sup	(10688) d implement changes (10593) Plan change deployment (10689) Communicate changes to stakeholders (10690) Administer change schedule (10691) Train impacted users (10692) Distribute and install change (10693) Verify change (10694) d manage releases (10594) Understand and coordinate release design and acceptance (10695) Plan release rollout (10696) Distribute and install release (10697) Verify release (10698)
7.5	(10566 7.5.1	Develop 7.5.1.1 7.5.1.2 7.5.1.3 Perform planning 7.5.2.1 7.5.2.2 7.5.2.3	the IT development strategy (10587) Establish sourcing strategy for IT development (10666) Define development processes, methodologies, and tools standards (10667) Select development methodologies and tools (10668) IT services and solutions life cycle (10588) Plan development of new requirements (10669) Plan development of feature and functionality enhancement (10670) Develop life cycle plan for IT services and solutions (10671)	7.7	7.6.3	Plan and 7.6.2.1 7.6.2.2 7.6.2.3 7.6.2.4 7.6.2.5 7.6.2.6 Plan and 7.6.3.1 7.6.3.2 7.6.3.3 7.6.3.4 er and sup Develop	(10688) If implement changes (10593) Plan change deployment (10689) Communicate changes to stakeholders (10690) Administer change schedule (10691) Train impacted users (10692) Distribute and install change (10693) Verify change (10694) If manage releases (10594) Understand and coordinate release design and acceptance (10695) Plan release rollout (10696) Distribute and install release (10697) Verify release (10698)
7.5	(10566 7.5.1	Develop 7.5.1.1 7.5.1.2 7.5.1.3 Perform planning 7.5.2.1 7.5.2.2 7.5.2.3 Develop	the IT development strategy (10587) Establish sourcing strategy for IT development (10666) Define development processes, methodologies, and tools standards (10667) Select development methodologies and tools (10668) IT services and solutions life cycle (10588) Plan development of new requirements (10669) Plan development of feature and functionality enhancement (10670) Develop life cycle plan for IT services and solutions (10671) and maintain IT services and solutions	7.7	7.6.3 Delive	Plan and 7.6.2.1 7.6.2.2 7.6.2.3 7.6.2.4 7.6.2.5 7.6.2.6 Plan and 7.6.3.1 7.6.3.2 7.6.3.3 7.6.3.4 er and sup Develop (10595)	(10688) d implement changes (10593) Plan change deployment (10689) Communicate changes to stakeholders (10690) Administer change schedule (10691) Train impacted users (10692) Distribute and install change (10693) Verify change (10694) d manage releases (10594) Understand and coordinate release design and acceptance (10695) Plan release rollout (10696) Distribute and install release (10697) Verify release (10698) sport information technology services (10568) IT services and solution delivery strategy
7.5	(10566 7.5.1	Develop 7.5.1.1 7.5.1.2 7.5.1.3 Perform planning 7.5.2.1 7.5.2.2 7.5.2.3 Develop	the IT development strategy (10587) Establish sourcing strategy for IT development (10666) Define development processes, methodologies, and tools standards (10667) Select development methodologies and tools (10668) IT services and solutions life cycle (10588) Plan development of new requirements (10669) Plan development of feature and functionality enhancement (10670) Develop life cycle plan for IT services and solutions (10671) and maintain IT services and solutions sture (10589) Create IT services and solutions architecture	7.7	7.6.3 Delive	Plan and 7.6.2.1 7.6.2.2 7.6.2.3 7.6.2.5 7.6.2.6 Plan and 7.6.3.1 7.6.3.2 7.6.3.3 7.6.3.4 er and sup Develop (10595) 7.7.1.1	(10688) If implement changes (10593) Plan change deployment (10689) Communicate changes to stakeholders (10690) Administer change schedule (10691) Train impacted users (10692) Distribute and install change (10693) Verify change (10694) If manage releases (10594) Understand and coordinate release design and acceptance (10695) Plan release rollout (10696) Distribute and install release (10697) Verify release (10698) It services and solution delivery strategy Establish sourcing strategy for IT delivery (10699)
7.5	(10566 7.5.1	Develop 7.5.1.1 7.5.1.2 7.5.1.3 Perform planning 7.5.2.1 7.5.2.2 7.5.2.3 Develop architec	the IT development strategy (10587) Establish sourcing strategy for IT development (10666) Define development processes, methodologies, and tools standards (10667) Select development methodologies and tools (10668) IT services and solutions life cycle (10588) Plan development of new requirements (10669) Plan development of feature and functionality enhancement (10670) Develop life cycle plan for IT services and solutions (10671) and maintain IT services and solutions ture (10589) Create IT services and solutions architecture (10672) Revise IT services and solutions architecture	7.7	7.6.3 Delive	Plan and 7.6.2.1 7.6.2.2 7.6.2.3 7.6.2.4 7.6.2.5 7.6.2.6 Plan and 7.6.3.1 7.6.3.2 7.6.3.3 7.6.3.4 Per and sup Develop (10595) 7.7.1.1 7.7.1.2	(10688) It implement changes (10593) Plan change deployment (10689) Communicate changes to stakeholders (10690) Administer change schedule (10691) Train impacted users (10692) Distribute and install change (10693) Verify change (10694) It manage releases (10594) Understand and coordinate release design and acceptance (10695) Plan release rollout (10696) Distribute and install release (10697) Verify release (10698) It services and solution delivery strategy Establish sourcing strategy for IT delivery (10699) Define delivery processes, procedures, and tools standards (10700)
7.5	(10566 7.5.1	Develop 7.5.1.1 7.5.1.2 7.5.1.3 Perform planning 7.5.2.1 7.5.2.2 7.5.2.3 Develop architec 7.5.3.1 7.5.3.2	the IT development strategy (10587) Establish sourcing strategy for IT development (10666) Define development processes, methodologies, and tools standards (10667) Select development methodologies and tools (10668) IT services and solutions life cycle (10588) Plan development of new requirements (10669) Plan development of feature and functionality enhancement (10670) Develop life cycle plan for IT services and solutions (10671) and maintain IT services and solutions sture (10589) Create IT services and solutions architecture (10672) Revise IT services and solutions architecture (10673)	7.7	7.6.3 Delive	Plan and 7.6.2.1 7.6.2.2 7.6.2.3 7.6.2.5 7.6.2.6 Plan and 7.6.3.1 7.6.3.2 7.6.3.3 7.6.3.4 er and sup Develop (10595) 7.7.1.1	(10688) d implement changes (10593) Plan change deployment (10689) Communicate changes to stakeholders (10690) Administer change schedule (10691) Train impacted users (10692) Distribute and install change (10693) Verify change (10694) d manage releases (10594) Understand and coordinate release design and acceptance (10695) Plan release rollout (10696) Distribute and install release (10697) Verify release (10698) port information technology services (10568) IT services and solution delivery strategy Establish sourcing strategy for IT delivery (10699) Define delivery processes, procedures, and
7.5	(10566 7.5.1	Develop 7.5.1.1 7.5.1.2 7.5.1.3 Perform planning 7.5.2.1 7.5.2.2 7.5.2.3 Develop architec 7.5.3.1	the IT development strategy (10587) Establish sourcing strategy for IT development (10666) Define development processes, methodologies, and tools standards (10667) Select development methodologies and tools (10668) IT services and solutions life cycle (10588) Plan development of new requirements (10669) Plan development of feature and functionality enhancement (10670) Develop life cycle plan for IT services and solutions (10671) and maintain IT services and solutions architecture (10672) Revise IT services and solutions architecture (10673) Retire IT services and solutions architecture	7.7	7.6.3 Delive	Plan and 7.6.2.1 7.6.2.2 7.6.2.3 7.6.2.4 7.6.2.5 7.6.2.6 Plan and 7.6.3.1 7.6.3.2 7.6.3.3 7.6.3.4 er and sup Develop (10595) 7.7.1.1 7.7.1.2 7.7.1.3 Develop	(10688) I implement changes (10593) Plan change deployment (10689) Communicate changes to stakeholders (10690) Administer change schedule (10691) Train impacted users (10692) Distribute and install change (10693) Verify change (10694) I manage releases (10594) Understand and coordinate release design and acceptance (10695) Plan release rollout (10696) Distribute and install release (10697) Verify release (10698) I services and solution delivery strategy Establish sourcing strategy for IT delivery (10699) Define delivery processes, procedures, and tools standards (10700) Select delivery methodologies and tools (10701) IT support strategy (10596)
7.5	7.5.2 7.5.3	Develop 7.5.1.1 7.5.1.2 7.5.1.3 Perform planning 7.5.2.1 7.5.2.2 7.5.2.3 Develop architec 7.5.3.1 7.5.3.2 7.5.3.3	the IT development strategy (10587) Establish sourcing strategy for IT development (10666) Define development processes, methodologies, and tools standards (10667) Select development methodologies and tools (10668) IT services and solutions life cycle (10588) Plan development of new requirements (10669) Plan development of feature and functionality enhancement (10670) Develop life cycle plan for IT services and solutions (10671) and maintain IT services and solutions exture (10589) Create IT services and solutions architecture (10672) Revise IT services and solutions architecture (10673) Retire IT services and solutions architecture (10674)	7.7	7.6.3 Delive 7.7.1	Plan and 7.6.2.1 7.6.2.2 7.6.2.3 7.6.2.4 7.6.2.5 7.6.2.6 Plan and 7.6.3.1 7.6.3.2 7.6.3.4 er and sup Develop (10595) 7.7.1.1 7.7.1.2 7.7.1.3	(10688) I implement changes (10593) Plan change deployment (10689) Communicate changes to stakeholders (10690) Administer change schedule (10691) Train impacted users (10692) Distribute and install change (10693) Verify change (10694) I manage releases (10594) Understand and coordinate release design and acceptance (10695) Plan release rollout (10696) Distribute and install release (10697) Verify release (10698) Iport information technology services (10568) IT services and solution delivery strategy Establish sourcing strategy for IT delivery (10699) Define delivery processes, procedures, and tools standards (10700) Select delivery methodologies and tools (10701) IT support strategy (10596) Establish sourcing strategy for IT support
7.5	(10566 7.5.1	Develop 7.5.1.1 7.5.1.2 7.5.1.3 Perform planning 7.5.2.1 7.5.2.2 7.5.2.3 Develop architec 7.5.3.1 7.5.3.2 7.5.3.3 Develop	the IT development strategy (10587) Establish sourcing strategy for IT development (10666) Define development processes, methodologies, and tools standards (10667) Select development methodologies and tools (10668) IT services and solutions life cycle (10588) Plan development of new requirements (10669) Plan development of feature and functionality enhancement (10670) Develop life cycle plan for IT services and solutions (10671) and maintain IT services and solutions architecture (10672) Revise IT services and solutions architecture (10673) Retire IT services and solutions architecture	7.7	7.6.3 Delive 7.7.1	Plan and 7.6.2.1 7.6.2.2 7.6.2.3 7.6.2.4 7.6.2.5 7.6.2.6 Plan and 7.6.3.1 7.6.3.2 7.6.3.3 7.6.3.4 er and sup Develop (10595) 7.7.1.1 7.7.1.2 7.7.1.3 Develop	(10688) I implement changes (10593) Plan change deployment (10689) Communicate changes to stakeholders (10690) Administer change schedule (10691) Train impacted users (10692) Distribute and install change (10693) Verify change (10694) I manage releases (10594) Understand and coordinate release design and acceptance (10695) Plan release rollout (10696) Distribute and install release (10697) Verify release (10698) I services and solution delivery strategy Establish sourcing strategy for IT delivery (10699) Define delivery processes, procedures, and tools standards (10700) Select delivery methodologies and tools (10701) IT support strategy (10596)

7.7.3	Manage	IT infrastructure resources (10597)	7.8.2	Develop	and maintain IT knowledge map (10601)
	7.7.3.1	Manage IT inventory and assets (10704)		7.8.2.1	Define knowledge elements, logical relation-
	7.7.3.2	Manage IT resource capacity (10705)			ships and constraints, and currency rules
7.7.4	Manage	IT infrastructure operations (10598)			(10719)
	7.7.4.1	Deliver IT services and solutions (10706)		7.8.2.2	Identify IT knowledge sources and repositories
	7.7.4.2	Perform IT operations support services (10707)			(10720)
7.7.5				7.8.2.3	Identify IT knowledge-sharing opportunities
					(10721)
	7.7.5.2	, ,		7.8.2.4	Define IT knowledge processes and
	7.7.5.3				approaches (10722)
	7.7.5.4	Manage performance and capacity (10711)			Maintain documentation of changes (13629)
	7.7.5.5	Manage incidents (10712)		7.8.2.6	Gather requirements for further developments
	7.7.5.6	Manage problems (10713)			(13630)
	7.7.5.7	Manage inquiries (10714)		7.8.2.7	Improve performance (13631)
			7.8.3	Manage IT knowledge life cycle (10602)	
Mana	ge IT kno	wledge (10569)		7.8.3.1	Gather knowledge elements from IT
7.8.1	Develop	IT knowledge management strategy (10600)			knowledge sources (10723)
	7.8.1.1	Understand IT knowledge needs (10715)		7.8.3.2	Evaluate, create, and codify knowledge
	7.8.1.2	Understand current IT knowledge flow (10716)			elements (10724)
	7.8.1.3	Coordinate strategy and roles with the		7.8.3.3	Deploy codified IT knowledge (10725)
		enterprise KM function (10717)		7.8.3.4	Update and retire IT knowledge (10726)
	7.8.1.4	Plan IT knowledge management actions and		7.8.3.5	Evaluate and improve IT knowledge strategies
		priorities (10718)			and processes (10727)
	7.7.4 7.7.5 Mana	7.7.3.1 7.7.3.2 7.7.4 Manage 7.7.4.1 7.7.4.2 7.7.5 Support 7.7.5.1 7.7.5.2 7.7.5.3 7.7.5.4 7.7.5.5 7.7.5.6 7.7.5.7 Manage IT know 7.8.1 Develop 7.8.1.1 7.8.1.2 7.8.1.3	7.7.3.1 Manage IT inventory and assets (10704) 7.7.3.2 Manage IT resource capacity (10705) 7.7.4 Manage IT infrastructure operations (10598) 7.7.4.1 Deliver IT services and solutions (10706) 7.7.4.2 Perform IT operations support services (10707) 7.7.5 Support IT services and solutions (10599) 7.7.5.1 Manage availability (10708) 7.7.5.2 Manage facilities (10709) 7.7.5.3 Manage backup/recovery (10710) 7.7.5.4 Manage performance and capacity (10711) 7.7.5.5 Manage incidents (10712) 7.7.5.6 Manage problems (10713) 7.7.5.7 Manage inquiries (10714) Manage IT knowledge (10569) 7.8.1.1 Understand IT knowledge needs (10715) 7.8.1.2 Understand current IT knowledge flow (10716) 7.8.1.3 Coordinate strategy and roles with the enterprise KM function (10717)	7.7.3.1 Manage IT inventory and assets (10704) 7.7.3.2 Manage IT resource capacity (10705) 7.7.4 Manage IT infrastructure operations (10598) 7.7.4.1 Deliver IT services and solutions (10706) 7.7.4.2 Perform IT operations support services (10707) 7.7.5 Support IT services and solutions (10599) 7.7.5.1 Manage availability (10708) 7.7.5.2 Manage facilities (10709) 7.7.5.3 Manage backup/recovery (10710) 7.7.5.4 Manage performance and capacity (10711) 7.7.5.5 Manage incidents (10712) 7.7.5.6 Manage problems (10713) 7.7.5.7 Manage inquiries (10714) Manage IT knowledge (10569) 7.8.1 Develop IT knowledge management strategy (10600) 7.8.1.1 Understand IT knowledge needs (10715) 7.8.1.2 Understand current IT knowledge flow (10716) 7.8.1.3 Coordinate strategy and roles with the enterprise KM function (10717) 7.8.1.4 Plan IT knowledge management actions and	7.7.3.1 Manage IT inventory and assets (10704) 7.7.3.2 Manage IT resource capacity (10705) 7.7.4 Manage IT infrastructure operations (10598) 7.7.4.1 Deliver IT services and solutions (10706) 7.7.4.2 Perform IT operations support services (10707) 7.7.5 Support IT services and solutions (10599) 7.7.5.1 Manage availability (10708) 7.7.5.2 Manage facilities (10709) 7.7.5.3 Manage backup/recovery (10710) 7.7.5.4 Manage performance and capacity (10711) 7.7.5.5 Manage incidents (10712) 7.7.5.6 Manage problems (10713) 7.7.5.7 Manage inquiries (10714) Manage IT knowledge (10569) 7.8.1.1 Understand IT knowledge needs (10715) 7.8.1.2 Understand current IT knowledge flow (10716) 7.8.1.3 Coordinate strategy and roles with the enterprise KM function (10717) 7.8.3.4 Plan IT knowledge management actions and

8.0 Manage Financial Resources (10009)

-	planning/budgeting/forecasting (10738) Develop and maintain budget policies and			8.1.4.6 8.1.4.7	Prepare activity-based performance measures (10787) Manage continuous cost improvement (10788)
8.1.1.2 8 1 1 3	Prepare periodic budgets and plans (10772)	8.2	Perfo 8.2.1		ue accounting (10729) s customer credit (10742)
1.2 Perform 8.1.2.1 8.1.2.2 8.1.2.3 8.1.2.4 8.1.2.5	Perform inventory accounting (10774) Perform cost of sales analysis (10775) Perform product costing (10776) Perform variance analysis (10777) Report on profitability (11175)			8.2.1.1 8.2.1.2 8.2.1.3 8.2.1.4 8.2.1.5	Establish credit policies (10789) Analyze/Approve new account applications (10790) Review existing accounts (10791) Produce credit/collection reports (10792) Reinstate or suspend accounts based on credit policies (10793)
8.1.3.1 8.1.3.2 8.1.3.3 8.1.3.4	Determine key cost drivers (10778) Measure cost drivers (10779) Determine critical activities (10780) Manage asset resource deployment and utilization (10781)		8.2.2	8.2.2.1 8.2.2.2 8.2.2.3 8.2.2.4	customer (10743) Maintain customer/product master files (10794) Generate customer billing data (10795) Transmit billing data to customers (10796) Post receivable entries (10797) Resolve customer billing inquires (10798)
8.1.4.1 8.1.4.2 8.1.4.3 8.1.4.4 8.1.4.5	Assess customer and product profitability (10782) Evaluate new products (10783) Perform life cycle costing (10784) Optimize customer and product mix (10785) Track performance of new customer and		8.2.3	Collect a (xDR's) (8.2.3.1 8.2.3.2	and mediate External Data Representation
	1.1 Perform 8.1.1.1 8.1.1.2 8.1.1.3 1.2 Perform 8.1.2.1 8.1.2.2 8.1.2.3 8.1.2.4 8.1.2.5 1.3 Perform 8.1.3.1 8.1.3.2 8.1.3.3 8.1.3.4 1.4 Evaluate 8.1.4.1 8.1.4.2 8.1.4.3 8.1.4.4	8.1.1.1 Develop and maintain budget policies and procedures (10771) 8.1.1.2 Prepare periodic budgets and plans (10772) 8.1.1.3 Prepare periodic financial forecasts (10773) 1.2 Perform cost accounting and control (10739) 8.1.2.1 Perform inventory accounting (10774) 8.1.2.2 Perform cost of sales analysis (10775) 8.1.2.3 Perform product costing (10776) 8.1.2.4 Perform variance analysis (10777) 8.1.2.5 Report on profitability (11175) 1.3 Perform cost management (10740) 8.1.3.1 Determine key cost drivers (10778) 8.1.3.2 Measure cost drivers (10779) 8.1.3.3 Determine critical activities (10780) 8.1.3.4 Manage asset resource deployment and utilization (10781) 1.4 Evaluate and manage financial performance (10741) 8.1.4.1 Assess customer and product profitability (10782) 8.1.4.2 Evaluate new products (10783) 8.1.4.3 Perform life cycle costing (10784) 8.1.4.4 Optimize customer and product mix (10785)	1.1 Perform planning/budgeting/forecasting (10738) 8.1.1.1 Develop and maintain budget policies and procedures (10771) 8.1.1.2 Prepare periodic budgets and plans (10772) 8.1.1.3 Prepare periodic financial forecasts (10773) 1.2 Perform cost accounting and control (10739) 8.1.2.1 Perform inventory accounting (10774) 8.1.2.2 Perform cost of sales analysis (10775) 8.1.2.3 Perform product costing (10776) 8.1.2.4 Perform variance analysis (10777) 8.1.2.5 Report on profitability (11175) 1.3 Perform cost management (10740) 8.1.3.1 Determine key cost drivers (10778) 8.1.3.2 Measure cost drivers (10779) 8.1.3.3 Determine critical activities (10780) 8.1.3.4 Manage asset resource deployment and utilization (10781) 1.4 Evaluate and manage financial performance (10741) 8.1.4.1 Assess customer and product profitability (10782) 8.1.4.2 Evaluate new products (10783) 8.1.4.3 Perform life cycle costing (10784) 8.1.4.4 Optimize customer and product mix (10785) 8.1.4.5 Track performance of new customer and	1.1 Perform planning/budgeting/forecasting (10738) 8.1.1.1 Develop and maintain budget policies and procedures (10771) 8.1.1.2 Prepare periodic budgets and plans (10772) 8.1.1.3 Prepare periodic financial forecasts (10773) 1.2 Perform cost accounting and control (10739) 8.1.2.1 Perform inventory accounting (10774) 8.1.2.2 Perform cost of sales analysis (10775) 8.1.2.3 Perform product costing (10776) 8.1.2.4 Perform variance analysis (10777) 8.1.2.5 Report on profitability (11175) 1.3 Perform cost management (10740) 8.1.3.1 Determine key cost drivers (10778) 8.1.3.2 Measure cost drivers (10779) 8.1.3.3 Determine critical activities (10780) 8.1.3.4 Manage asset resource deployment and utilization (10781) 1.4 Evaluate and manage financial performance (10741) 8.1.4.1 Assess customer and product profitability (10782) 8.1.4.2 Evaluate new products (10783) 8.1.4.3 Perform life cycle costing (10784) 8.1.4.4 Optimize customer and product mix (10785) 8.1.4.5 Track performance of new customer and	1.1 Perform planning/budgeting/forecasting (10738) 8.1.1.1 Develop and maintain budget policies and procedures (10771) 8.1.1.2 Prepare periodic budgets and plans (10772) 8.1.1.3 Prepare periodic financial forecasts (10773) 1.2 Perform cost accounting and control (10739) 8.1.2.1 Perform inventory accounting (10774) 8.1.2.2 Perform cost of sales analysis (10775) 8.1.2.3 Perform product costing (10776) 8.1.2.4 Perform variance analysis (10777) 8.1.2.5 Report on profitability (11175) 1.3 Perform cost management (10740) 8.1.3.1 Determine key cost drivers (10779) 8.1.3.2 Measure cost drivers (10779) 8.1.3.3 Determine critical activities (10780) 8.1.3.4 Manage asset resource deployment and utilization (10781) 1.4 Evaluate and manage financial performance (10741) 8.1.4.1 Assess customer and product profitability (10782) 8.2.3 Collect (xDR's) 8.2.3 Collect (xDR's) 8.2.3 Report on profitability (10782) 8.2.3 Report on profitability (10782) 8.2.4 Apply rase (10784) 8.2.5 Report on profitability (10785) 8.2.6 Report on profitability (10782) 8.2.7 Invoice 8.2.8 Report on profitability (10785) 8.2.8 Report on profitability (10782) 8.2.9 Invoice 8.2.1 Report on profitability (10780) 8.2.1 Process

		8.2.4.2	Apply rates and discounts as applicable to		8.3.2	Perform	general accounting (10748)
			customers and to customer specific conditions			8.3.2.1	Maintain chart of accounts (10819)
			(13641)			8.3.2.2	Process journal entries (10820)
		8.2.4.3	Apply discounting rules and tariffs (13642)			8.3.2.3	Process allocations (10821)
	8.2.5	Produce	and distribute invoices (13634)			8.3.2.4	Process period end adjustments (e.g., accruals,
		8.2.5.1	Format invoices (13643)				currency conversions, etc.) (10822)
		8.2.5.2	Apply invoice layouts and customization			8.3.2.5	Post and reconcile intercompany transactions
			according to customer specific requests				(10823)
			(13644)			8.3.2.6	Reconcile GL accounts (10824)
		8.2.5.3	Produce and distribute invoices (13645)			8.3.2.7	Perform consolidations and process
		8.2.5.4	Transfer to accounts receivable (13646)				eliminations (10825)
	8.2.6	Collect p	payments (13635)			8.3.2.8	Prepare trial balance (10826)
		8.2.6.1	Check customer accounts (13647)			8.3.2.9	Prepare and post management adjustments
		8.2.6.2	Transfer overdue payments to Dunning (13648)				(10827)
	8.2.7	Trigger o	dunning (13636)		8.3.3		fixed asset accounting (10749)
		8.2.7.1	Send reminder invoices (13649)			8.3.3.1	Establish fixed asset policies and procedures
		8.2.7.2	Notify network services in order to deactivate			0.000	(10828)
			service for customers with overdue periods			8.3.3.2	Maintain fixed asset master data files (10829)
			(13650)			8.3.3.3	Process and record fixed asset additions and retires (10830)
	8.2.8		e invoices for interconnection and roaming			8.3.3.4	Process and record fixed asset adjustments,
		(13637)				0.3.3.4	enhancements, revaluations, and transfers
		8.2.8.1	Identify interconnection and roaming charges				(10831)
			(13651)			8.3.3.5	Calculate and record depreciation expense
		8.2.8.2	Issue interconnection and roaming invoices				(10833)
		_	(13652)			8.3.3.6	Process and record fixed asset maintenance
	8.2.9		accounts receivable (AR) (10744)				and repair expenses (10832)
		8.2.9.1	Establish AR policies (10799)			8.3.3.7	Reconcile fixed asset ledger (10834)
		8.2.9.2 8.2.9.3	Receive/Deposit customer payments (10800)			8.3.3.8	Track fixed assets including physical inventory
		8.2.9.4	Apply cash remittances (10801) Prepare AR reports (10802)				(10835)
		8.2.9.5	Post AR activity to the general ledger (10803)			8.3.3.9	Provide fixed asset data to support tax,
	0 2 10		and process collections (10745)				statutory, and regulatory reporting (10836)
	0.2.10	8.2.10.1	Establish policies for delinquent accounts		8.3.4		financial reporting (10750)
		0.2.10.1	(10804)			8.3.4.1	Prepare business unit financial statements
		8.2.10.2	Analyze delinquent account balances (10805)			8.3.4.2	(10837) Prepare consolidated financial statements
		8.2.10.3	Correspond/Negotiate with delinquent			0.3.4.2	(10838)
			accounts (10806)			8.3.4.3	Perform business unit reporting/review
		8.2.10.4	Discuss account resolution with internal			0.0.1.0	management reports (10839)
			parties (10807)			8.3.4.4	Perform consolidated reporting/review of cost
		8.2.10.5	Process adjustments/write-off balances (10808)				management reports (10840)
	8.2.11	U	and process adjustments/deductions			8.3.4.5	Prepare statements for board review (10841)
		(10746)				8.3.4.6	Produce quarterly/annual filings and
		8.2.11.1	Establish policies/procedures for adjustments				shareholder reports (10842)
		00440	(10809)			8.3.4.7	Produce regulatory reports (10843)
		8.2.11.2	Analyze adjustments (10810)	8.4	Mana	ao fivod a	asset project accounting (10731)
		8.2.11.3 8.2.11.4	Correspond/Negotiate with customer (10811)	0.4		_	• •
		8.2.11.5	Discuss resolution with internal parties (10812) Prepare chargeback invoices (10813)		8.4.1	8.4.1.1	capital planning and project approval (10751) Develop capital investment policies and
		8.2.11.6	Process related entries (10814)			0.4.1.1	procedures (10844)
		0.2.11.0	11000331010100 0111103 (10014)			8.4.1.2	Develop and approve capital expenditure plans
8.3	Perfor	m genera	I accounting and reporting (10730)			0.1.1.2	and budgets (10845)
	8.3.1	Manage	policies and procedures (10747)			8.4.1.3	Review and approve capital projects and fixed
		8.3.1.1	Negotiate service level agreements (10815)				asset acquisitions (10846)
		8.3.1.2	Establish accounting policies (10816)			8.4.1.4	Conduct financial justification for project
		8.3.1.3	Set and enforce approval limits (10817)				approval (10847)
		8.3.1.4	Establish common financial systems (10818)		8.4.2		capital project accounting (10752)
						8.4.2.1	Create project account codes (10848)

		8.4.2.2	Record project-related transactions (10849)			8.6.1.5	Process financial accruals and reversals
		8.4.2.3	Monitor and track capital projects and budget				(10873)
			spending (10850)			8.6.1.6	Process taxes (10874)
		8.4.2.4	Close/capitalize projects (10851)			8.6.1.7	Research/resolve exceptions (10875)
		8.4.2.5	Measure financial returns on completed			8.6.1.8	Process payments (10876)
			capital projects (10852)			8.6.1.9	Respond to AP inquires (10877)
	8.4.3	Dispose	asset (13653)			8.6.1.10	Retain records (10878)
	8.4.4	Setup ne	ew asset details on asset register (13654)			8.6.1.11	Adjust accounting records (10879)
	8.4.5	Maintair	n fixed assets register (13655)		8.6.2		expense reimbursements (10757)
	8.4.6	Purchas	e assets (13656)			8.6.2.1	Establish and communicate expense reim-
	8.4.7		asset transfer (13657)			0.0.0.0	bursement policies and approval limits (10880)
	8.4.8	•	asset under construction (13658)			8.6.2.2	Capture and report relevant tax data (10881)
	8.4.9	_	ate asset (13659)			8.6.2.3 8.6.2.4	Approve reimbursements and advances (10882) Process reimbursements and advances (10883)
		-				8.6.2.5	Manage personal accounts (10884)
		_	fixed asset reporting (13660)				
		_	asset scrapping (13661)	8.7		_	ry operations (10734)
8.5	Proce	ss payrol	I (10732)		8.7.1	•	treasury policies and procedures (10758)
	8.5.1	Report ti	ime (10753)			8.7.1.1	Establish scope and governance of treasury
		8.5.1.1	Establish policies and procedures (10853)			0740	operations (10885)
		8.5.1.2	Collect and record employee time worked			8.7.1.2	Establish and publish treasury policies (10886)
			(10854)			8.7.1.3	Develop treasury procedures (10887)
		8.5.1.3	Analyze and report paid and unpaid leave			8.7.1.4 8.7.1.5	Monitor treasury procedures (10888)
			(10855)			8.7.1.6	Audit treasury procedures (10889) Revise treasury procedures (10890)
		8.5.1.4	Monitor regular, overtime, and other hours			8.7.1.7	Develop and confirm internal controls for
		0 = 4 =	(10856)			0.7.1.7	treasury (10891)
		8.5.1.5	Analyze and report employee utilization (10857)			8.7.1.8	Define system security requirements (10892)
	8.5.2		pay (10754)		8.7.2		e cash (10759)
		8.5.2.1	Enter employee time worked into payroll		0.7.2	8.7.2.1	Manage and reconcile cash positions (10893)
		0 5 0 0	system (10858)			8.7.2.2	Manage cash equivalents (10894)
		8.5.2.2	Maintain and administer employee earnings			8.7.2.3	Process and oversee electronic fund transfers
		8.5.2.3	information (10859) Maintain and administer applicable deductions				(EFTs) (10895)
		0.J.Z.J	(10860)			8.7.2.4	Develop cash flow forecasts (10896)
		8.5.2.4	Monitor changes in tax status of employees			8.7.2.5	Manage cash flows (10897)
		0.0.2.4	(10861)			8.7.2.6	Produce cash management accounting
		8.5.2.5	Process and distribute payments (10862)				transactions and reports (10898)
		8.5.2.6	Process and distribute manual checks (10863)			8.7.2.7	Manage and oversee banking relationships
		8.5.2.7	Process period end adjustments (10864)				(10899)
		8.5.2.8	Respond to employee payroll inquires (10865)			8.7.2.8	Analyze, negotiate, resolve, and confirm bank
	8.5.3	Process	payroll taxes (10755)				fees (10900)
		8.5.3.1	Calculate and pay applicable payroll taxes		8.7.3	•	e in-house bank accounts (10760)
			(10866)			8.7.3.1	Manage in-house bank accounts for
		8.5.3.2	Produce and distribute employee annual tax			8.7.3.2	subsidiaries (10901) Manage and facilitate inter-company
			statements (10867)			0.7.3.2	borrowing transactions (10902)
		8.5.3.3	File regulatory payroll tax forms (10868)			8.7.3.3	Manage centralized outgoing payments on
8.6	Proce	ss accou	nts payable and expense reimbursements			0.7.0.0	behalf of subsidiaries (10903)
0.0	(10733					8.7.3.4	Manage central incoming payments on behalf
	8.6.1		accounts payable (AP) (10756)				of subsidiaries (10904)
		8.6.1.1	Verify AP pay file with PO vendor master file			8.7.3.5	Manage internal payments and netting
			(10869)				transactions (10905)
		8.6.1.2	Maintain/manage electronic commerce			8.7.3.6	Calculate interest and fees for in-house bank
			(10870)				accounts (10906)
		8.6.1.3	Audit invoices and key data in AP system			8.7.3.7	Provide account statements for in-house bank
		0.04.4	(10871)				accounts (10907)
		8.6.1.4	Approve payments (10872)				

	8.7.4	Manage	debt and investment (10761)		8.9.2.2	Prepare returns (10931)
		8.7.4.1	Manage financial intermediary relationships		8.9.2.3	Prepare foreign taxes (10932)
			(10908)		8.9.2.4	Calculate deferred taxes (10933)
		8.7.4.2	Manage liquidity (10909)		8.9.2.5	Manage deferred taxes (13662)
		8.7.4.3	Manage issuer exposure (10910)		8.9.2.6	Account for taxes (10934)
		8.7.4.4	Process and oversee debt and investment		8.9.2.7	Monitor tax compliance (10935)
			transactions (10911)		8.9.2.8	Address tax inquiries (10936)
		8.7.4.5	Process and oversee foreign currency		8.9.2.9	Manage withholding tax (13663)
			transactions (10912)		8.9.2.10	Manage value added tax (VAT) (13664)
		8.7.4.6	Produce debt and investment accounting		8.9.2.11	Manage service tax (13665)
			transaction reports (10913)	8.9.3	Manage	international funds/consolidation (10737)
	8.7.5	Manage	financial risks (11208)		8.9.3.1	Monitor international rates (10767)
		8.7.5.1	Manage interest rate risk (11209)		8.9.3.2	Manage transactions (10768)
		8.7.5.2	Manage foreign exchange risk (11210)		8.9.3.3	Monitor currency exposure/hedge currency
		8.7.5.3	Manage exposure risk (11211)			(10769)
		8.7.5.4	Develop and execute hedging transactions (11212)		8.9.3.4	Report results (10770)
		8.7.5.5	Evaluate and refine hedging positions (11213)	8.10 Perfo	rm financ	ial management (13666)
		8.7.5.6	Produce hedge accounting transactions and			account operations (13669)
		0.7.0.0	reports (11214)			Define enterprise generally accepted principle
		8.7.5.7	Monitor credit (11215)		0	policies (13676)
		0.7.3.7	World Geat (11213)		8.10.1.2	· ·
8.8	Manag	ge interna	al controls (10735)		8.10.1.3	Manage general ledger (13678)
	8.8.1	Establish	n internal controls, policies and procedures		8.10.1.4	
		(10762)	., .		8.10.1.5	Manage accounts payable (13680)
		8.8.1.1	Establish board of directors and audit			Manage cash liquidity management (13681)
			committee (10914)	8.10.2	2 Audit (13	
		8.8.1.2	Define and communicate code of ethics (10915)			e payroll (13671)
		8.8.1.3	Assign roles and responsibility for internal	0.10.0		Manage employee payroll details (13682)
			controls (10916)		8.10.3.2	Manage employee compensation and reward
		8.8.1.4	Define business process objectives and risks		0.10.0.2	profiles (13683)
			(11250)		8.10.3.3	Manage payroll administration and processing
		8.8.1.5	Define entity/unit risk tolerances (11251)		0.10.0.0	(13684)
	8.8.2	Operate	controls and monitor compliance with		8.10.3.4	Manage expense administration and
		internal	controls policies and procedures (10763)			processing (13685)
		8.8.2.1	Design and implement control activities (10917)		8.10.3.5	Manage HR development contributions and
		8.8.2.2	Monitor control effectiveness (10918)			rebates (13686)
		8.8.2.3	Remediate control deficiencies (10919)	8.10.4	Manage	e treasury operations (13672)
		8.8.2.4	Create compliance function (10920)		8.10.4.1	Manage bank reconciliation (13687)
		8.8.2.5	Operate compliance function (10921)		8.10.4.2	Manage treasury instruments (13688)
		8.8.2.6	Implement and maintain controls-related		8.10.4.3	Manage treasury business partners (13689)
			enabling technologies and tools (10922)		8.10.4.4	Manage treasury instrument / agreement
	8.8.3	Report o	n internal controls compliance (10764)			(13690)
		8.8.3.1	Report to external auditors (10923)		8.10.4.5	Manage treasury instrument confirmation (13691)
		8.8.3.2	Report to regulators, share/debt-holders,		8.10.4.6	Manage treasury instrument settlement (13692)
			securities exchanges, etc. (10924)		8.10.4.7	Monitor investments (13693)
		8.8.3.3	Report to third parties (e.g., business partners)	8.10.5	Manage	management accounting (13673)
			(10925)		8.10.5.1	Manage profit centre accounting (13694)
		8.8.3.4	Report to internal management (10926)		8.10.5.2	Manage cost center and internal order
	B/I	4 /	(40720)			accounting (13695)
8.9		ge taxes (8.10.5.3	Manage project accounting (13696)
	8.9.1		tax strategy and plan (10765)		8.10.5.4	Manage product cost accounting (13697)
		8.9.1.1	Develop foreign, national, state and local tax		8.10.5.5	Manage profitability accounting (13698)
		0 0 1 2	strategy (10927)	8.10.6		carrier accounting (13674)
		8.9.1.2 8.9.1.3	Consolidate and optimize total tax plan (10928)	J	8.10.6.1	Manage carrier settlements (13699)
	000		Maintain tax master data (10929)		8.10.6.2	Process carrier adjustments (13700)
	8.9.2		taxes (10766)		8.10.6.3	Manage carrier payments (13701)
		8.9.2.1	Perform tax planning/strategy (10930)			Manage carrier credits (13702)

		8.10.6.5	Manage carrier accounts receivable	8.12	Mana	ge procurement (13668)
		8.10.6.6	reconciliation (13703) Manage carrier related customer bill enquiries (13704)			Manage supplier/ purchase negotiation (13718) 8.12.1.1 Manage quotation (13723)
	8.10.7	8.10.7.1	Manage carrier revenue accruals (13705) financial planning (13675) Manage budgeting and forecasting (13706)			Identify demand requirements (13719) 8.12.2.1 Manage purchase requisition (13724) 8.12.2.2 Manage stock replenishments (13725) Manage procurement strategy and policy (13720)
8.11	Mana	8.10.7.2 8.10.7.3 8.10.7.4 ge assets	Manage financial reporting (13707) Manage financial performance (13708) Manage budget checking (13709) (13667)		8.12.4	Manage purchase (13721) 8.12.4.1 Create purchase order (13726) 8.12.4.2 Track purchase order delivery (13727) 8.12.4.3 Authorize purchase order (13728)
0.11	8.11.1	Manage Manage 8.11.2.1 8.11.2.2 8.11.2.3	real estate (13710) asset management operations (13711) Define asset and asset maintenance plan (13712) Establish asset strategy and policy (13713) Manage asset maintenance (13714) Track asset maintenance (13715) Manage asset maintenance reporting (13716) Manage asset maintenance performance and reporting (13717)		8.12.5	8.12.4.4 Manage invoicing (13729) 8.12.4.5 Manage delivery (13730) Determine source supplier/partner (13722) 8.12.5.1 Match sourcing arrangement to supplier/partner agreed sourcing agreements (13731) 8.12.5.2 Identify supplier/partner from supplier/partner list (13732)

9.0 Acquire, Construct, and Manage Property (10010)

9.1	Design and construct/acquire non-productive assets
	(10937)

- 9.1.1 Develop property strategy and long term vision (10941)
 - 9.1.1.1 Confirm alignment of property requirements with business strategy (10955)
 - 9.1.1.2 Assess the external environment (10956)
 - 9.1.1.3 Determine build or buy decision (10957)
- 9.1.2 Develop, construct, and modify sites (10942)
- 9.1.3 Plan facility (10943)
 - 9.1.3.1 Design facility (10958)
 - 9.1.3.2 Analyze budget (10959)
 - 9.1.3.3 Select property (10960)
 - 9.1.3.4 Negotiate terms for facility (10961)
 - 9.1.3.5 Manage construction or modification to building (10962)
- 9.1.4 Provide workspace and assets (10944)
 - 9.1.4.1 Acquire workspace and assets (10963)
 - 9.1.4.2 Change fit/form/function of workspace and assets (10964)

9.2 Maintain non-productive assets (10938)

- 9.2.1 Move people and assets (10945)
 - 9.2.1.1 Relocate people (10965)
 - 9.2.1.2 Relocate material and tools (10966)
- 9.2.2 Repair workplace and assets (10946)

- 9.2.3 Provide preventative maintenance for workplace and assets (10947)
- 9.2.4 Manage security (10948)
- 9.2.5 Manage facilities operations (10949)

9.3 Obtain, install and plan maintenance for productive assets (10939)

- 9.3.1 Develop ongoing maintenance policies for production assets (10950)
 - 9.3.1.1 Analyze assets and predict maintenance requirements (10967)
 - 9.3.1.2 Develop approach to integrate preventive maintenance into production schedule (10968)
- 9.3.2 Obtain and install equipment (10951)
 - 9.3.2.1 Design engineering solution for the manufacturing process (10969)
 - 9.3.2.2 Procure equipment (10970)
 - 9.3.2.3 Install and commission equipment (10971)

9.4 Dispose of productive and non-productive assets (10940)

- 9.4.1 Develop exit strategy (10952)
- 9.4.2 Perform sale or trade (10953)
- 9.4.3 Perform abandonment (10954)

9.5 Manage physical risk (11207)

10 Manage Environmental Health and Safety (EHS) (11179)

10.1 Determine health, safety, and environment impacts (11180)

- 10.1.1 Evaluate environmental impact of products, services, and operations (11186)
- 10.1.2 Conduct health and safety and environmental audits (11187)

10.2 Develop and execute health, safety, and environmental program (11181)

- 10.2.1 Identify regulatory and stakeholder requirements (11188)
- 10.2.2 Assess future risks and opportunities (11189)
- 10.2.3 Create EHS policy (11190)
- 10.2.4 Record and manage EHS events (11191)

10.3 Train and educate employees (11182)

10.3.1 Communicate EHS issues to stakeholders and provide support (11192)

10.4 Monitor and manage health, safety, and environmental management program (11183)

10.4.1 Manage EHS costs and benefits (11193)

10.4.2 Measure and report EHS performance (11194)

- 10.4.2.1 Implement emergency response program (11196)
- 10.4.2.2 Implement pollution prevention program (11197)
- 10.4.3 Provide employees with EHS support (11195)

10.5 Ensure compliance with regulations (11184)

- 10.5.1 Monitor compliance (11198)
- 10.5.2 Perform compliance audit (11199)
- 10.5.3 Comply with regulatory stakeholders requirements (11200)

10.6 Manage remediation efforts (11185)

- 10.6.1 Create remediation plans (11201)
- 10.6.2 Contact and confer with experts (11202)
- 10.6.3 Identify/dedicate resources (11203)
- 10.6.4 Investigate legal aspects (11204)
- 10.6.5 Investigate damage cause (11205)
- 10.6.6 Amend or create policy (11206)

11.0 Manage External Relationships (10012)

11.1 Build investor relationships (11010)

- 11.1.1 Plan, build, and manage lender relations (11035)
- 11.1.2 Plan, build, and manage analyst relations (11036)
- 11.1.3 Communicate with shareholders (11037)

11.2 Manage government and industry relationships (11011)

- 11.2.1 Manage government relations (11038)
- 11.2.2 Manage relations with quasi-government bodies (11039)
- 11.2.3 Manage relations with trade or industry groups (11040)
- 11.2.4 Manage lobby activities (11041)

11.3 Manage relations with board of directors (11012)

- 11.3.1 Report results (11042)
- 11.3.2 Report audit findings (11043)

11.4 Manage legal and ethical issues (11013)

- 11.4.1 Create ethics policies (11044)
- 11.4.2 Manage corporate governance policies (11045)
- 11.4.3 Develop and perform preventative law programs (11046)
- 11.4.4 Ensure compliance (11047)
 - 11.4.4.1 Plan and initiate compliance program (11053)
 - 11.4.4.2 Execute compliance program (11054)

11.4.5 Manage outside counsel (11048)

- 11.4.5.1 Assess problem and determine work requirements (11056)
- 11.4.5.2 Engage/retain outside counsel if necessary (11057)
- 11.4.5.3 Receive strategy/budget (11058)
- 11.4.5.4 Receive work product and manage/ monitor case and work performed (11059)
- 11.4.5.5 Process payment for legal services (11060)
- 11.4.5.6 Track legal activity/performance (11061)

11.4.6 Protect intellectual property (11049)

- 11.4.6.1 Manage copyrights and patents (11062)
- 11.4.6.2 Maintain intellectual property rights and restrictions (11063)
- 11.4.6.3 Administer licensing terms (11064)
- 11.4.6.4 Administer options (11065)
- 11.4.7 Resolve disputes and litigations (11050)
- 11.4.8 Provide legal advice/counseling (11051)
- 11.4.9 Negotiate and document agreements/contracts (11052)

11.5 Manage public relations program (11014)

- 11.5.1 Manage community relations (11066)
- 11.5.2 Manage media relations (11067)
- 11.5.3 Promote political stability (11068)
- 11.5.4 Create press releases (11069)
- 11.5.5 Issue press releases (11070)

12 Manage Knowledge, Improvement, and Change (10013)

2.1	2.1 Create and manage organizational performance strategy						Identify gaps and needs (11112)		
	(11071)					12.3.2.4	Enhance/modify existing knowledge		
	12.1.1		nterprise measurement systems model			40005	management approaches (11113)		
		(11075)	5 (44000)			12.3.2.5	Develop new knowledge management		
		12.1.1.1	·			12.3.2.6	approaches (11114) Implement new knowledge management		
		12.1.1.2	Establish performance monitoring frequency (11081)			12.3.2.0	approaches (11115)		
		12.1.1.3	Set performance targets (11082)	12	.3.3	Identify a	and plan KM projects (11097)		
	12.1.2		process productivity (11076)				Identify strategic opportunities to apply KM		
			cost effectiveness (11077)				approach(es) (11116)		
			staff efficiency (11078)			12.3.3.2	Identify KM requirements and objectives		
			cycle time (11079)			12.3.3.3	(11117)		
			•			12.3.3.3	Assess culture and readiness for KM approach (11118)		
	2 Benchmark performance (11072)					12.3.3.4	Identify appropriate KM methodologies		
	12.2.1 Conduct performance assessments (11083)					(e.g., self-service, communities, transfer, etc.)			
			benchmarking capabilities (11084)				(11119)		
	12.2.3	12.2.3.1	process benchmarking (11085) Compile & update list of processes &			12.3.3.5	Create business case and obtain funding		
		12.2.3.1	organizations to benchmark (11089)			12.3.3.6	(11120) Develop project measures and indicators		
		12.2.3.2	Establish benchmarks (11090)			12.3.3.0	(11121)		
	12.2.3.3 Measure performance against benchmarks		12	3 4	Design a	nd launch KM projects (11098)			
			(11091)			12.3.4.1	Design process for knowledge sharing,		
	12.2.4		competitive benchmarking (11086)				capture, and use (11122)		
		12.2.4.1	Compile & update list of processes &			12.3.4.2	Define roles and resources (11123)		
		12212	organizations to benchmark (11092) Establish benchmarks (11093)			12.3.4.3	Identify specific IT requirements (11124)		
		12.2.4.2	Measure performance against benchmarks			12.3.4.4	Create training and communication plans		
		12.2.4.0	(11094)			12.3.4.5	(11125) Develop change management plans (11126)		
	12.2.5	Conduct	gap analysis to understand the need for			12.3.4.6	Design recognition and reward approaches		
			legree of change needed (11087)				(11127)		
	12.2.6	Establish	need for change (11088)			12.3.4.7	Design and plan launch of KM project (11128)		
2 3	Develo	Develop enterprise-wide knowledge management (KM)				12.3.4.8 Deploy the KM project (11129) Manage the KM project life cycle (11099) 12.3.5.1 Assess alignment with business goals (11130)			
	capability (11073)				.3.5				
	-	1 Develop KM strategy (11095)					Evaluate impact of KM (strategy and projects)		
		12.3.1.1	Develop governance model (11100)				on measures and outcomes (11131)		
			Establish a central KM core group (11101)			12.3.5.3	Promote and sustain activity and involvement		
		12.3.1.3	Define roles and accountability of the core				(11132)		
		12.3.1.4	group versus operating units (11102) Develop funding models (11103)			12.3.5.4	Realign and refresh KM strategy and		
		12.3.1.4	Identify links to key initiatives (11104)				approaches (11133)		
		12.3.1.6 Develop core KM methodologies (11105)			ana	ge change	e (11074)		
		12.3.1.7	Assess IT needs and engage IT function (11106)	12	.4.1	Plan for o	change (11134)		
		12.3.1.8	Develop training and communication plans			12.4.1.1	1 07		
		10010	(11107)			40.440	(11138)		
		12.3.1.9	Develop change management approaches			12.4.1.2	Assess readiness for change (11139)		
		12 3 1 10	(11108) Develop strategic measures and indicators			12.4.1.3 12.4.1.4	Determine stakeholders (11140) Engage/Identify champion (11141)		
		12.5.1.10	(11109)			12.4.1.5	Form design team (11142)		
	12.3.2	Assess k	nowledge management capabilities (11096)			12.4.1.6	Define scope (11143)		
		12.3.2.1	Assess maturity of existing KM initiatives			12.4.1.7	Understand current state (11144)		
			(11110)			12.4.1.8	Define future state (11145)		
		12.3.2.2	Evaluate existing knowledge management			12.4.1.9	Conduct risk analysis (11146)		
			approaches (11111)			12.4.1.10	Assess cultural issues (11147)		

	12.4.1.11	Establish accountability for change	12.4.3	Implement change (11136)				
		management (11148)		12.4.3.1	Create commitment for improvement/change			
	12.4.1.12	Identify barriers to change (11149)			(11160)			
	12.4.1.13	Determine change enablers (11150)		12.4.3.2	Reengineer business processes and systems			
	12.4.1.14	Identify resources and develop measures			(11161)			
		(11151)		12.4.3.3	Support transition to new roles or exit			
12.4.2	Design the change (11135)				strategies for incumbents (11162)			
	12.4.2.1	Assess connection to other initiatives (11152)		12.4.3.4	Monitor change (11163)			
	12.4.2.2	Develop change management plans (11153)	12.4.4	Sustain i	Sustain improvement (11137)			
	12.4.2.3	Develop training plan (11154)		12.4.4.1	Monitor improved process performance			
	12.4.2.4	Develop communication plan (11155)			(11164)			
	12.4.2.5	Develop rewards/incentives plan (11156)		12.4.4.2	Capture and reuse lessons learned from			
	12.4.2.6	Establish metrics (11157)			change process (11165)			
	12.4.2.7	Establish/Clarify new roles (11158)		12.4.4.3	Take corrective action as necessary (11166)			
	12.4.2.8	Identify budget/roles (11159)						

13.0 Manage and Plan Network (13733)

13.1	Perform	strategy	and	logical	p	lanning (13734)
------	---------	----------	-----	---------	---	-----------	--------

- 13.1.1 Perform market sizing and consumer analysis (13740)
- 13.1.2 Forecast demand (13741)
- 13.1.3 Assess technology need (13742)
- 13.1.4 Plan capacity and coverage (13743)
- 13.1.5 Design network architecture and fundamental technical guidelines (13744)
- 13.1.6 Establish overall expectation and budget (13745)
- 13.1.7 Complete development of strategic plan (13746)

13.2 Plan network structure (13735)

- 13.2.1 Perform aggregation and analysis of key planning: subscriber base, technology, suppliers, and test results (13747)
- 13.2.2 Perform regulatory compliance (13748)
 - 13.2.2.1 Identify spectrum and right of way regulatory requirements (13750)
 - 13.2.2.2 Apply for rights of way and spectrum license (13751)
 - 13.2.2.3 Define procedures to ensure regulatory license compliance (13752)
 - 13.2.2.4 Outline plan to monitor license compliance (13753)
 - 13.2.2.5 Outline plan to handle license disputes (13754)

13.2.3 Develop master plan (13749)

- 13.2.3.1 Short-list vendor selection (13755)
- 13.2.3.2 List general project goals and objectives (13756)

13.3 Carry out operational planning (13736)

- 13.3.1 Team selection, vendor selection, project definition (13757)
- 13.3.2 Agreement about particular project modules (13758)
- 13.3.3 Rough timetables (13759)
- 13.3.4 Project budgets (13760)
- 13.3.5 Development of plan of operations (13761)

13.4 Plan and monitor of projects (13737)

- 13.4.1 Detail work packages (13762)
- 13.4.2 Detail time schedules (13763)
- 13.4.3 Develop project plans (13764)
 - 13.4.3.1 Issue purchase order (13765)
 - 13.4.3.2 Reconcile purchase order (13766)
 - 13.4.3.3 Manage settlement and billing (13767)

13.5 Carry out network testing and buildup (13738)

- 13.5.1 Receive order to build-up network (13768)
- 13.5.2 Send order to procurement equipment and locations (13769)
- 13.5.3 Coordinate build-up (13770)
- 13.5.4 Carry out build-up (13771)
 - 13.5.4.1 Install equipment (13774)
 - 13.5.4.2 Coordinate network starting dates (13775)
- 13.5.5 Install equipment (13772)
- 13.5.6 Perform readiness test (ORT) (13773)

13.6 Perform start-up network operation (13739)

- 13.6.1 Release network sections (13776)
- 13.6.2 Perform continuous monitoring (13777)
- 13.6.3 Announce availability (13778)



IBM Global Services Route 100 Somers, NY 10589 global.benchmarking@us.ibm.com



I23 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