





4	Estimate Number of Rows					*	*	○	●	○												
5	User Acceptance/Project Review	○	□	□	■	●	○	○	○	○	■	○	■	■	○	■	■					
<b>ARCHITECTURE</b>																						
<b>TECHNICAL ARCHITECTURE DESIGN</b>																						
1	Create Architecture Task Force					○	○											●	○			
2	Gather & Document Technical Requirements					*	*	*	*	*	*	*	*	*	*	*	*	*	●	○		
3	Review Current Technical Environment					*	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
4	Create Architecture Plan					*	*	*	*	*	*	*	*	*	*	*	*	*	●	○		
5	Determine Phased Implementation Approach					○	○											●	○			
7	Create Infrastructure Plan																	●	○			
8	Develop Configuration Recommendations																	●	○			
9	User Acceptance/Project Review	□	□	□	■	○	●	□	□	□	□	□	□	□	□	□	□	○	○	□	□	■
<b>IMPLEMENT TACTICAL SECURITY MEASURES</b>																						
1	Develop Tactical Security Plan					○	○											●	○			
2	Secure Physical Environment																	○	●			
3	Install Virus Checking Software																	○	●			
4	Secure Access into Environment																	●	○			
5	Secure Access out of Environment																	●	○			
6	Implement Rigorous Password Scheme																	●	○			
7	Implement Controls for Software Installation																	○	●			
8	Audit Security Violations					○	○											●	○			
9	Monitor Security Privileges by Individual					○	●											○	○			
10	User Acceptance/Project Review	□	□	□	■	○	●	□	□	□	□	□	□	□	□	□	□	○	○	□	□	■
<b>DEVELOP STRATEGIC SECURITY PLAN</b>																						
1	Design Security Architecture																	●	○			
2	Implement Access Tokens (Elim. Passwords)																	●	○			
3	Implement Public/Private Keys for Authentication																	●	○			
4	Implement Secure Tunneling for Remote Access																	●	○			
5	Centralize Authentication & Access Control																	●	○			
6	Impl. Signed Certificates for Software Downloads																	●	○			
7	User Acceptance/Project Review	□	□	□	■	○	●	□	□	□	□	□	□	□	□	□	□	○	○	□	□	■
<b>PRODUCT SELECTION</b>																						
(Repeat for each selection area)																						

1	Develop Evaluation Matrix				●	●	○	○			●	○	
2	Research Candidate Products				●	●	○	○	○	○	●	○	
3	Develop Product Short List				○	○	○	○	○	○	●	○	
4	Evaluate Product Options	●			○	○	○	○	○	○	●	○	
5	Optional Prototype (May repeat for diff. products)												
	Select Business Process / Data for Evaluation				●	●	○	○					
	Define Completion Criteria				●	●					○		
	Acquire Resources (Internal/Vendor)				○	●							
	Determine Test Configuration					○		○	○	○	○	○	
	Install Evaluation Prerequisites & Components						○	○	○	○	○	○	○
	Train the Evaluation Team	○			○	○	○	○	○	○	○	○	○
	Develop & Tune Prototype				○	○	○	○	○	○	○	○	○
	Conduct Tests	●			●	●	●	●	●	●	●	●	●
	Analyze & Document Results	●			○	○	○	○	○	○	○	○	○
6	Determine Product Recommendation	●	□	□	●	●	○	○	○	○	●	○	
7	Present Findings / Results To Management	●	□	□	●	●	○	○	○	○	●	○	
8	Negotiate Contract				●	●					●		
9	User Acceptance/Project Review	□	□	□	●	○	○	○	○	○	○	○	■
<b>PRODUCT INSTALLATION</b>													
	(Repeat for each product)												
1	Installation Planning										●	○	
2	Meet Prerequisites										○	●	
3	Install Hardware / Software										○	●	
4	Test Hardware / Software										○	●	
5	User Acceptance/Project Review	■	□	□	□	○	○	○	○	○	○	○	■
<b>IMPLEMENTATION</b>													
<b>PHYSICAL DATABASE DESIGN</b>													
1	Define Standards												
2	Design Physical Tables & Columns												
3	Estimate Database Size												
4	Develop Initial Index Plan												
5	Develop Initial Aggregation Plan						○	○					
6	Develop Initial Partitioning Plan												
7	User Acceptance/Project Review	□	□	□	□	■	○	○	○	○	■	■	○





5	Review Deployment Strategies & Release Plan	☐	☐	☐	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○
6	Develop User Course Materials	♦			♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
7	Develop Support Procedures				●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○
8	User Acceptance/Project Review	☐	☐	☐	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○
<b>COMPLETE SYSTEM TEST</b>																				
1	Run Complete Data Staging Process				●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○
2	Perform Standard QA Procedures				○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
3	Run Core End User Applications				○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
4	Review Overall Process				●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○
5	User Acceptance/Project Review	☐	☐	☐	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○
<b>DEPLOYMENT (ALPHA, BETA &amp; PROD'N)</b>																				
1	Assess Deployment Readiness				●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○
2	Configure & Test Desktop Infrastructure				○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
3	Set Up Security Privileges				○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
4	Educate Users	○			○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
5	User Acceptance/Project Review	☐	☐	☐	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○
<b>DATA WAREHOUSE MAINTENANCE</b>																				
1	Provide Ongoing User Support	○			●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○
2	Provide Ongoing User Education	○			○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
3	Maintain Technical Infrastructure				○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
4	Monitor End User Query Performance				♦	♦	○	○	○	○	○	○	○	○	○	○	○	○	○	○
5	Monitor Data Staging Performance				○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
6	Monitor Ongoing Success	♦	☐	☐	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
7	Communicate Continuously and Market Success	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
8	User Acceptance/Project Review	☐	☐	☐	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○
<b>DATA WAREHOUSE GROWTH</b>																				
1	Establish Data Warehouse Steering Committee	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
2	Establish Enhancement Prioritization Strategy	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
3	Iteratively Use Business Dimensional Lifecycle	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

Kimball, Ralph, et al, The Data Warehouse Lifecycle Toolkit, New York, NY:Wiley, 1998