

			Learn the Customer's Current Landscape	Ingest Data	Adapt Data to Tool	Assess Data	Flag Data	Visualize Data
	ID		1	2	3	4	5	6
ID	WBS	Name	O.1	O.2	O.3	O.4	O.5	O.6
1	B.0	Perform Device Testing	1	1	1	1	1	1
2	B.1	Engage with Customer	1					
3	B.1.1	Utilize Configuration Tool to Capture Interview Results	1					
4	B.1.1.1	Pull In Data from Interview	1					
5	B.1.1.2	Structure Customer's Response to Tool Interview Form	1					
6	B.1.1.3	Build Report to Summarize Interview Responses	1					
7	B.1.2	Interview Customer	1		1	1	1	
8	B.1.2.1	Assess Unit Sensor Problems	1		1	1	1	
9	B.1.2.1.1	Determine Quantity of Units	1		1	1	1	
10	B.1.2.1.2	Determine Unit Purpose	1		1	1	1	
11	B.1.2.1.3	Understand Existing Architecture	1		1	1	1	
12	B.1.2.1.4	Determine Existing Issues	1		1	1	1	
13	B.1.2.1.5	Define "Normal"	1		1	1	1	
14	B.1.2.2	Assess Current Data Sources	1		1	1	1	
15	B.1.2.3	Assess Use of Pre-Existing Code	1		1	1	1	
16	B.1.2.3.1	Assess Data Storage	1		1	1	1	
17	B.1.2.3.2	Assess Data Formatting	1		1	1	1	
18	B.1.2.3.3	Assess Data Transporting	1		1	1	1	
19	B.1.2.3.4	Determine Availability	1		1	1	1	
20	B.1.2.3.5	Determine Work	1		1	1	1	
21	B.1.2.3.6	Identify Code Improvements from Customer Hooks	1		1	1	1	
22	B.1.2.3.7	Release Documentation of Plan	1		1	1	1	
23	B.2	Collect Raw Data from Customer		1				
24	B.2.0.1	Embedded Level Tap Point		1				
25	B.2.0.2	Network Level Tap Point		1				
26	B.2.0.3	Application Level Tap Point		1				
27	B.2.1	Automate Intake of Data		1				
28	B.2.1.1	Design Ingestion System		1				
29	B.2.1.2	Design Code Platform to Manipulate Data		1				
30	B.2.1.3	Design Output Mechanism		1				
31	B.2.1.4	Design Recurrence Mechanism		1				
32	B.2.1.5	Record Findings		1				
33	B.2.1.6	Delineate Private Findings		1				1
34	B.2.1.6.1	Determine Data Sanitization Need		1				1
35	B.2.1.6.2	Redact Appropriate Fields		1				1
36	B.2.2	Normalize Time		1				
37	B.2.2.1	Define Timestamp Convention		1				
38	B.2.2.2	Timestamp Log at Ingestion		1				
39	B.2.2.3	Label Log Origin at Ingestion		1				
40	B.2.2.4	Format Uniform Timestamp for Ingested Data		1				
41	B.2.2.5	Issue Revised Data Files		1				
42	B.3	Determine Data Formatting			1			
43	B.3.1	Reformat Data			1			
44	B.3.1.1	Differentiate Log Occurrence and Submittal			1			
45	B.3.1.2	Perform Additional Operations			1			
46	B.3.2	Compile Data and Create Tables			1			
47	B.3.2.1	Store Data in Database			1			
48	B.3.2.2	Create and Label Columns			1			
49	B.3.2.3	Discard Unnecessary Columns and Rows			1			
50	B.3.3	Define Expected Columns			1			
51	B.3.4	Define Expected Tables			1			
52	B.4	Determine Data Transformation				1		
53	B.4.1	Perform Calculations in Columns/Tables				1		
54	B.4.1.1	Assess the Unit's Expected Pings				1		
55	B.4.1.2	Assessn SUM/COUNT				1		
56	B.4.1.3	Assess Product/Divide				1		
57	B.4.1.4	Assess Timeline				1		
58	B.4.1.5	Assess Delta of Values				1		
59	B.4.1.6	Assess Additional Parameters of Interest				1		
60	B.5	Flag Anomalies					1	
61	B.5.1	Create Conditional Columns					1	
62	B.5.2	Define a Format of Flags Based on Operation					1	
63	B.5.3	Ensure Flags are Consistent					1	
64	B.5.4	Configure by Customer's Baseline					1	
65	B.5.4.1	Define "Normal" Flags					1	
66	B.5.4.2	Define "Abnormal" Flags					1	
67	B.5.4.3	Determine "High-Level" Flags of Interest					1	
68	B.5.4.4	Develop Narrative Taglines					1	
69	B.5.5	Preview Data with Customer					1	
70	B.5.5.1	Determine Customer Flag Insight					1	
71	B.5.5.2	Target Data as We Understand It					1	
72	B.5.5.3	Build a Configuration Form					1	
73	B.6	Present table with High-Level Flags						1
74	B.6.1	Specify Desired Diagrams/Visualizations						1
75	B.6.2	Visualize Baseline Graphs						1
76	B.6.3	Visualize Desired Diagrams						1
77	B.6.4	Develop Dashboard Report						1
78	B.6.5	Develop Narrative Report						1
79	B.6.6	Deliver Report						1