

Project Management Improvement Project

David Ek
Europe Project Lead



Objective & Outline

- Objective
 - Describe the internal effort of the Global Physical Security Program (GPSP) to improve project management of GTRI work.
- Outline
 - SNL Project management approach
 - Journey to Project Excellence
 - Status of Effort



SNL Project Management Approach

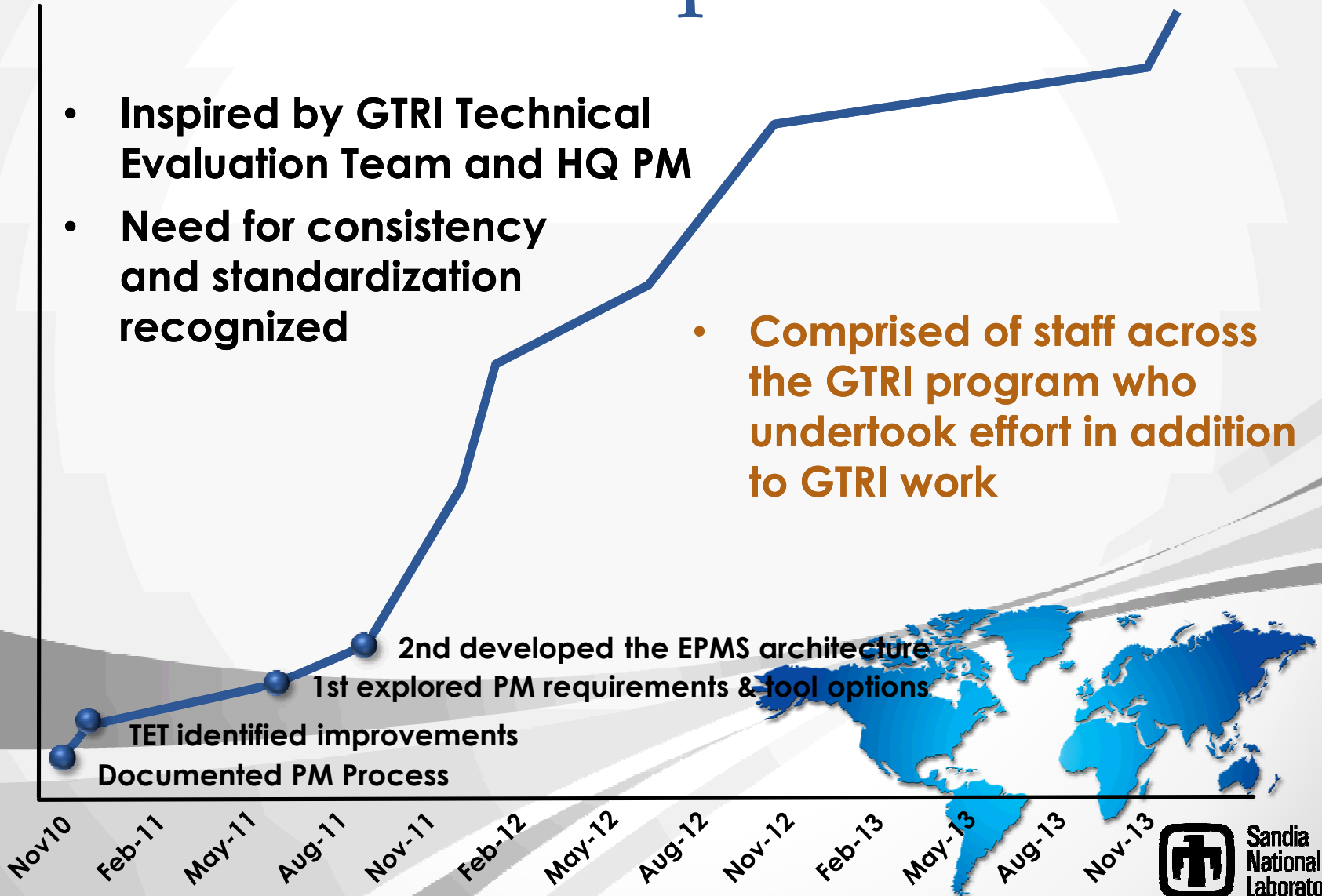


Staff PM Experience

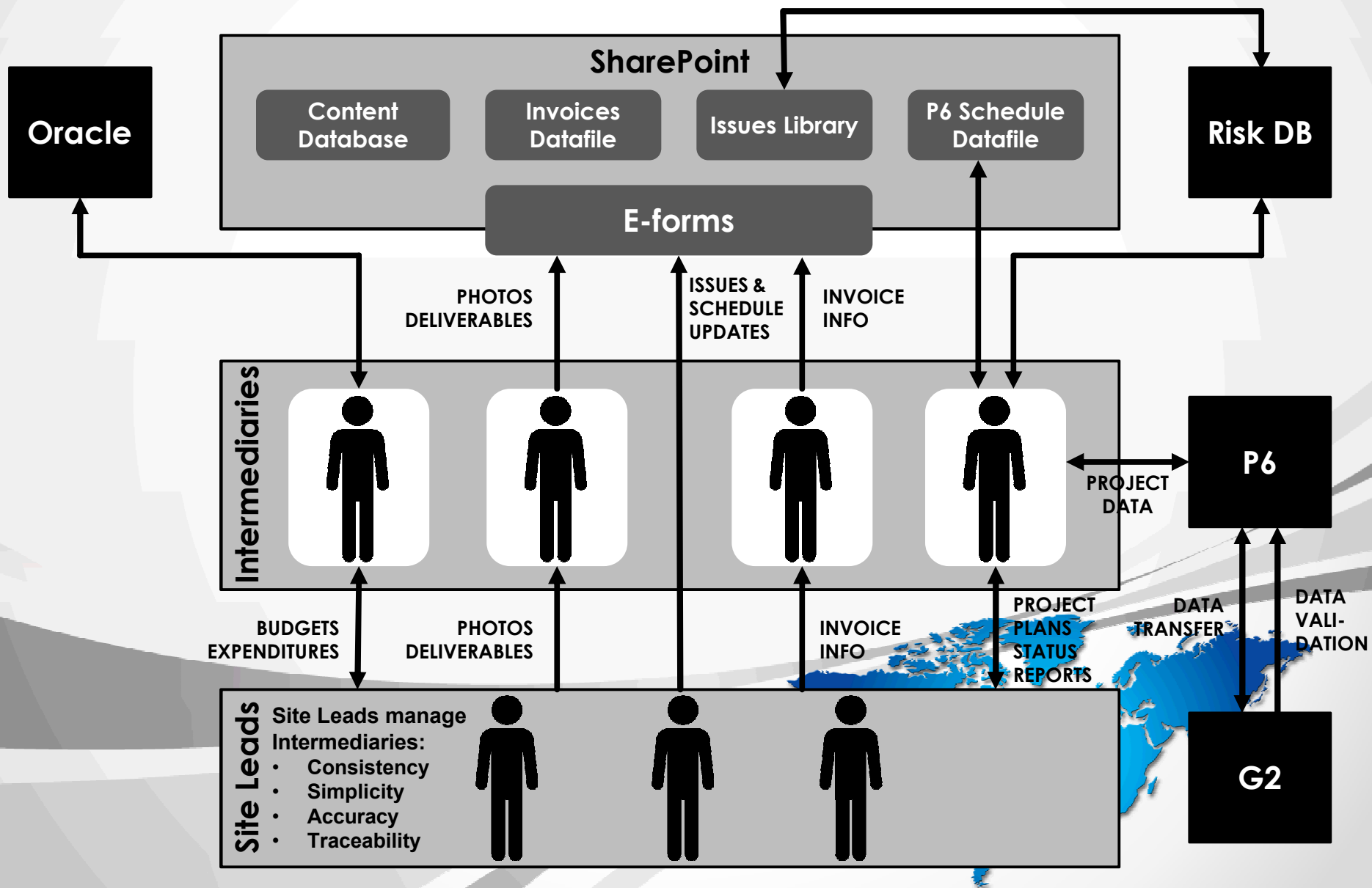


Effort to Improve PM

- Inspired by GTRI Technical Evaluation Team and HQ PM
- Need for consistency and standardization recognized
- Comprised of staff across the GTRI program who undertook effort in addition to GTRI work

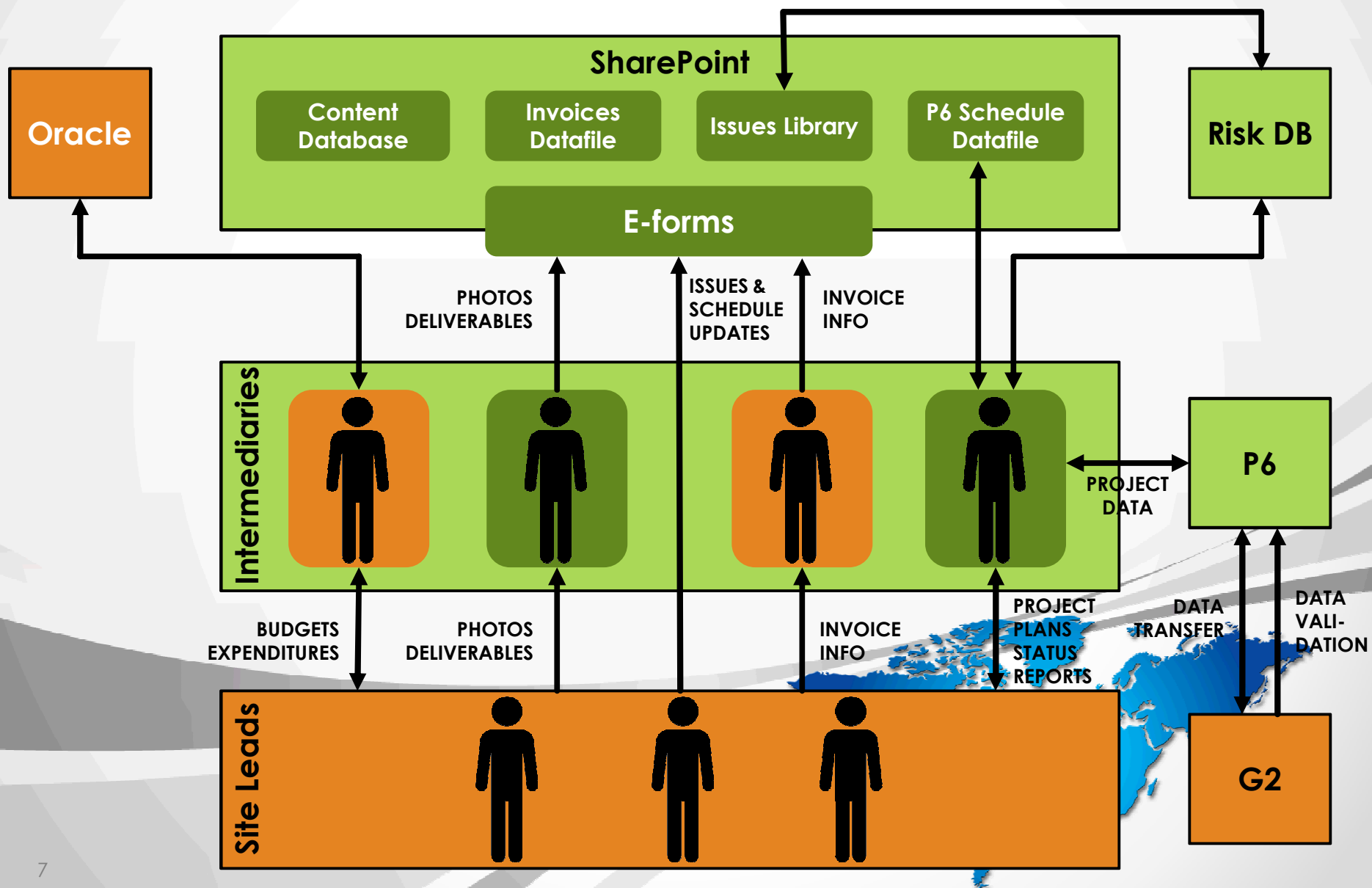


Project and Information Architecture

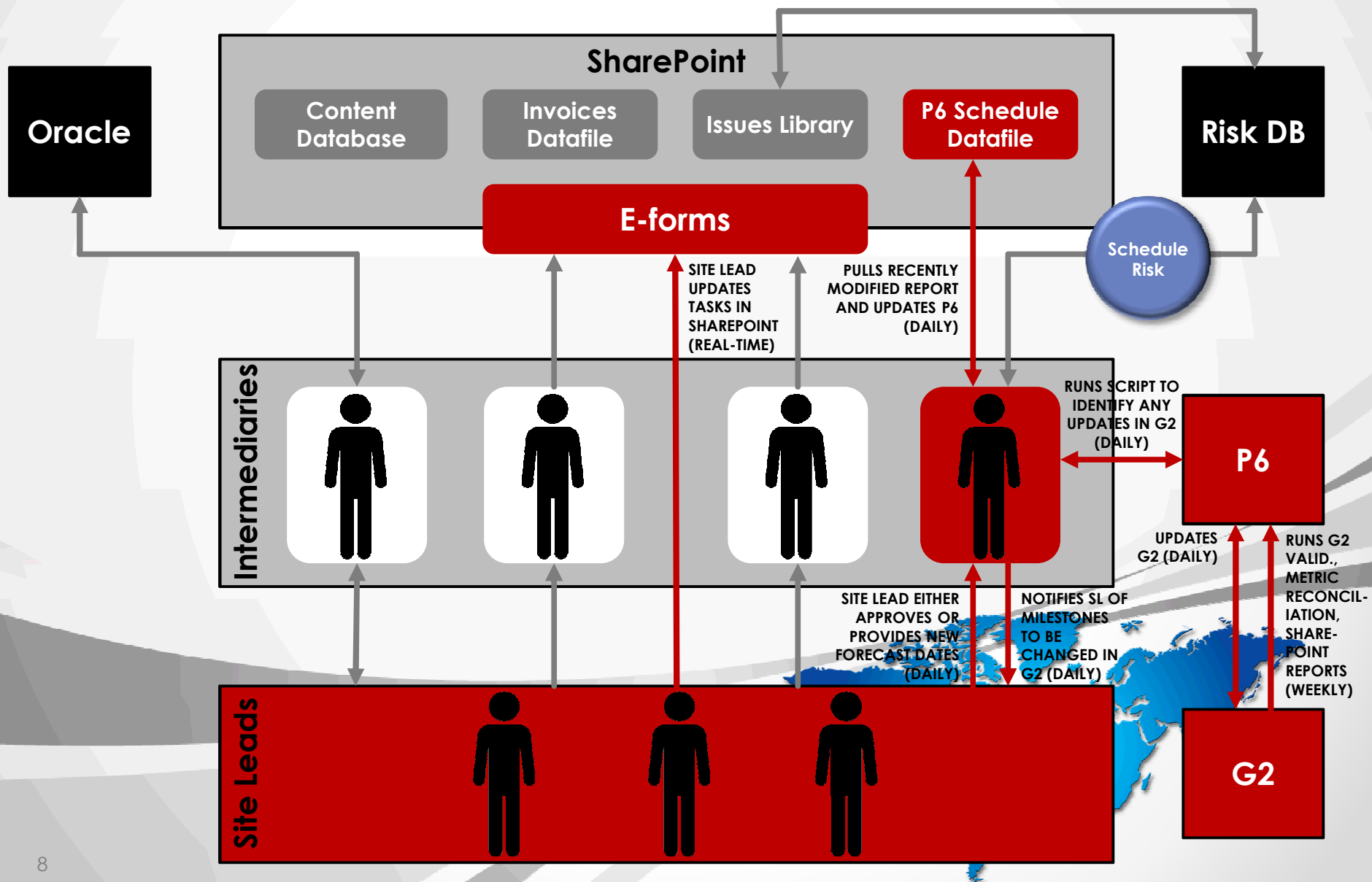


GLOBAL THREAT REDUCTION INITIATIVE

New and Existing Project and Information Architecture



Update Process Flow: Site Lead/P6/G2



Assessing Schedule Risk

- Schedule Risk Worksheet developed
- For each project
- Completed by Intermediary with Site Lead
- Risk Database drawn from SNL Corporate RM Guidance
- For each activity, can assign risk or opportunity
- Likelihood of occurrence
- Impact
- Handling strategy

Schedule Risk

GPSP - Risk Identification & Assessment Work Sheet

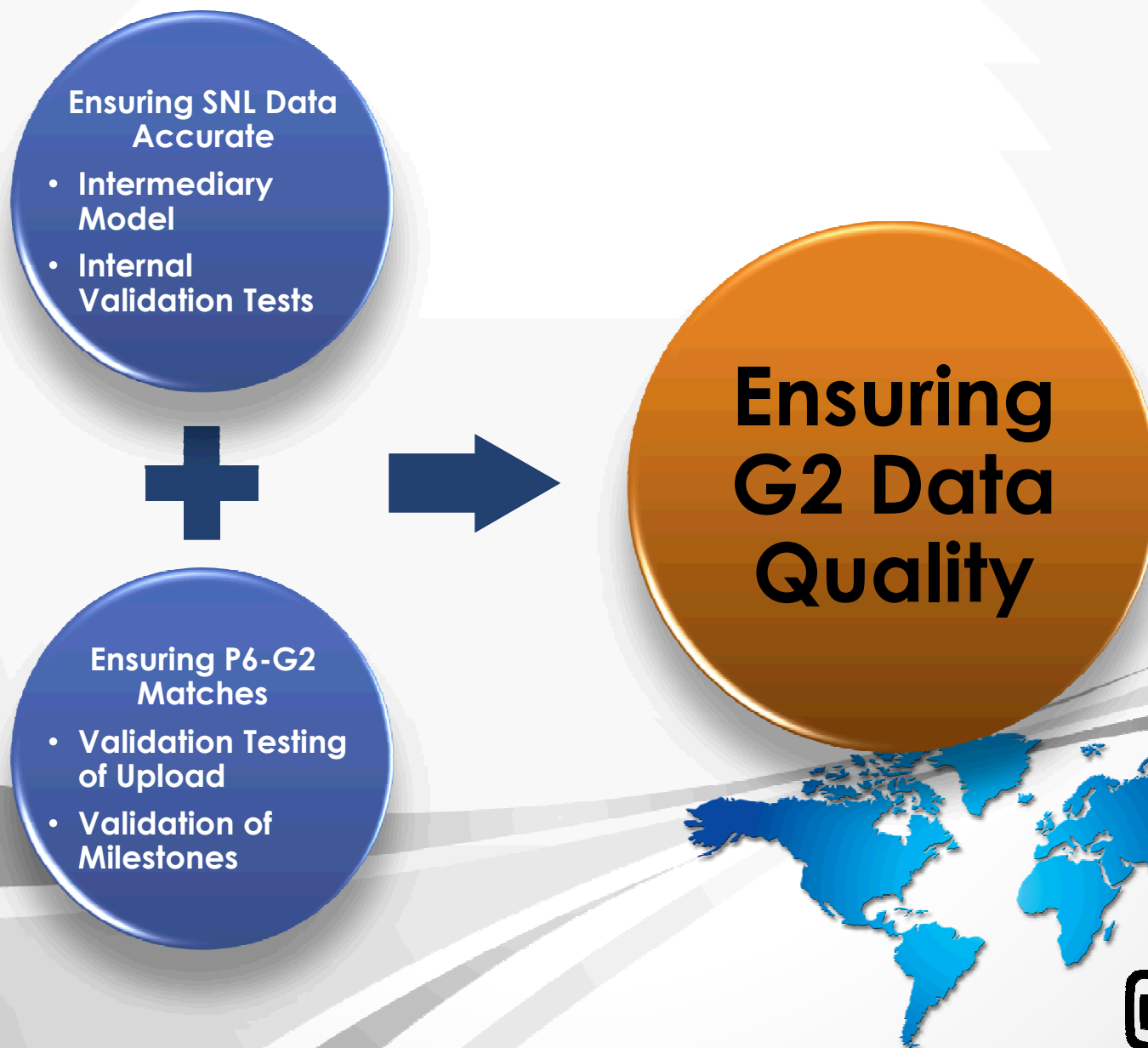
Project: Uruguay ENOD Site (example)

Risk or Opportunity	Risk Description	Probability or Likelihood of Occurance	Impact Percentage
2. Opportunity	Opportunity - Potential table-top exercise	2. Medium (11%-25%)	1. Low
1. Risk	Resources or Site Conditions - Adequate and timely resources not available?	Low (<10%)	2. Medium
	Procurement - First-use subcontractor/vendor involved?		
	Procurement - Limited availability of qualified vendors or subcontractors?		
	Procurement - Long-lead procurement items?		
	Testing - Maintenance testing required?		
	Quality Control Issues - Precision work required? Slower than normal installation/build?		
	Procurement - Procurement strategy undefined or complex?		
	Quality Control Issues - Rework expected due to nature of tolerances?		
1. Risk	Quality Control Issues - Significant quality work that is (or will be) inaccessible?		
	Procurement - First-use subcontractor/vendor involved?	2. Medium (11%-25%)	3. High

PMIP Milestone Accomplishments

- Consistent WBS
- Formally defined processes:
 - Domestic and international Upgrade Projects
 - Systems Architecture (P6, SharePoint, and reporting)
 - Financials
- Developed comprehensive risk management approach
- Incorporated data validation for Primavera to G2 uploads
- Developed aides (particularly for travel)
 - Forms, templates, communication methods
- Revising program documentation to meet new PM approach





Assuring SNL Data Accurate

- SharePoint to P6 Validation
- Helps find Scheduler Intermediary input errors in P6
- Checks identical fields as G2 Validation file

	A	B	C	D	E	F	G	H	I
	Baselines								Errors in P6 Table
	Site Lookup Errors	Task Lookup Errors	Project Milestone Errors	Project Milestone Errors	Dates That Don't Match	Forecast Dates Don't Match	Completions Don't Match	Non Unique P6 Items	
1									
2	# of Errors	# of Errors	# of Errors	# of Errors	# of Errors	# of Errors	# of Errors	# of Errors	
3	3	3	3	0	0	0	3	3	
4									
	Baselines								Errors in SharePoint Table
	Site Lookup Errors	Task Lookup Errors	Project Milestone Errors	Project Milestone Errors	Dates That Don't Match	Forecast Dates Don't Match	Completions Don't Match		
5									
6	# of Errors	# of Errors	# of Errors	# of Errors	# of Errors	# of Errors	# of Errors		
7	1	1	1	0	0	0	1		
8									



Assuring SNL Data Accurate

- G2 Validation File
 - Verifies that G2 data matches data in P6
 - Identifies Scheduler Intermediary data entry errors
 - Identifies new sites and buildings
 - Run weekly

	A	B	C	D	E	F	G	H	I
	Baselines								
	Site Lookup Errors	Task Lookup Errors	Project Milestone Errors	Project Milestone Errors	Dates That Don't Match	Forecast Dates Don't Match	Completions Don't Match	Non Unique P6 Items	
1									Errors in P6 Table
2	# of Errors	# of Errors	# of Errors	# of Errors	# of Errors	# of Errors	# of Errors	# of Errors	
3	3	3	3	0	0	0	3	3	
4									
	Baselines								
	Site Lookup Errors	Task Lookup Errors	Project Milestone Errors	Project Milestone Errors	Dates That Don't Match	Forecast Dates Don't Match	Completions Don't Match		Errors in G2 Table
5									
6	# of Errors	# of Errors	# of Errors	# of Errors	# of Errors	# of Errors	# of Errors		
7	1	1	1	0	0	0	1		



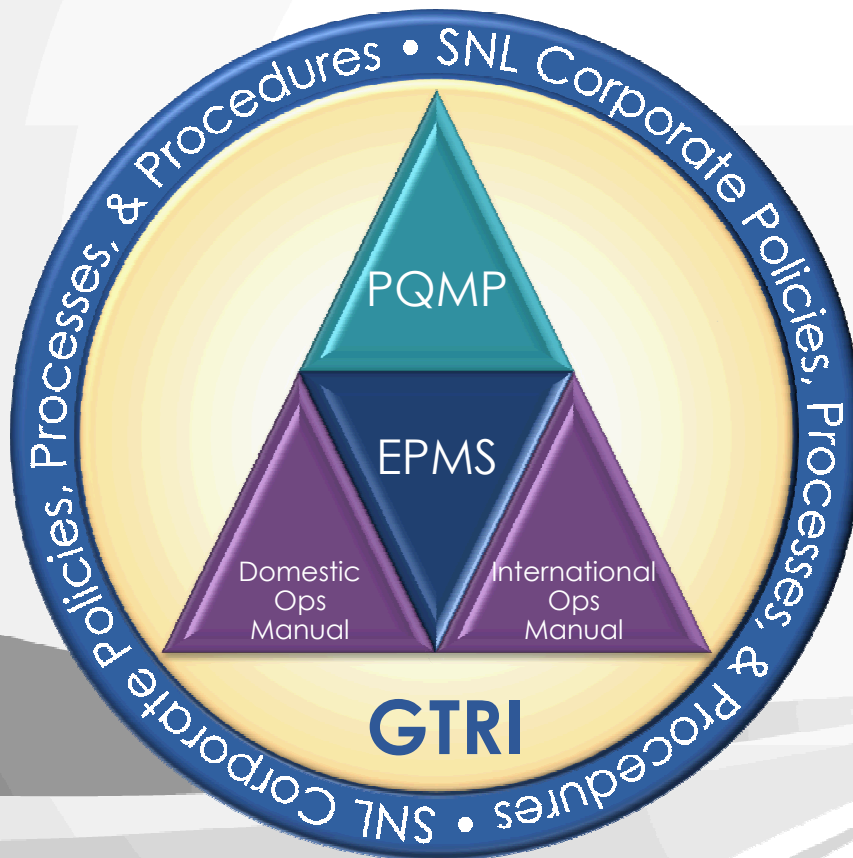
Assuring P6-G2 Matches

- Milestone Reconciliation Report
 - Weekly report that reconciles the metric count and list in G2 versus current state in P6
 - Helps identify those in BCR process

	A	B	C	D	E	F	G	H
1	GPSP Metric Reconciliation							
2	Week of 10/1/2013							
3								
4		P6 Metrics		G2 Metrics		Differences		
5	Site	Scheduled	Completed	Scheduled	Completed	Scheduled	Completed	Comments
7	SE	2	1	2	1	0	0	
8	AL	1		1		0	0	
9	2222 - Alabama General Hospital			1		-1	0	This site has been BCR'd into this FY to replace Site 2222
10	Site Not Found in G2	1				1	0	This site has been BCR'd into this FY to replace Site 2222
11	FL	1	1	1	1	0	0	
12	1111 - Florida State University	1	1	1	1	0	0	
13	SW	5	2	5	2	0	0	
14	CA	3	1	3		0	1	
15	5555 - UCLA Hospital	3	1	3		0	1	Site should have been marked complete in G2
16	TX	2	1	2	2	0	-1	
17	3333 - SW Medical Center	1	1	1	1	0	0	
18	4444 - Carter Blood Care	1		1	1	0	-1	Site should have been marked complete in P6
19	Grand Total	7	3	7	3	0	0	



Content Management Process and Document Hierarchy



- **Restructure** Org.
6811 Operations
Guide document content following SNL Guidelines to breakout into:

- Policy
- Processes
- Procedures

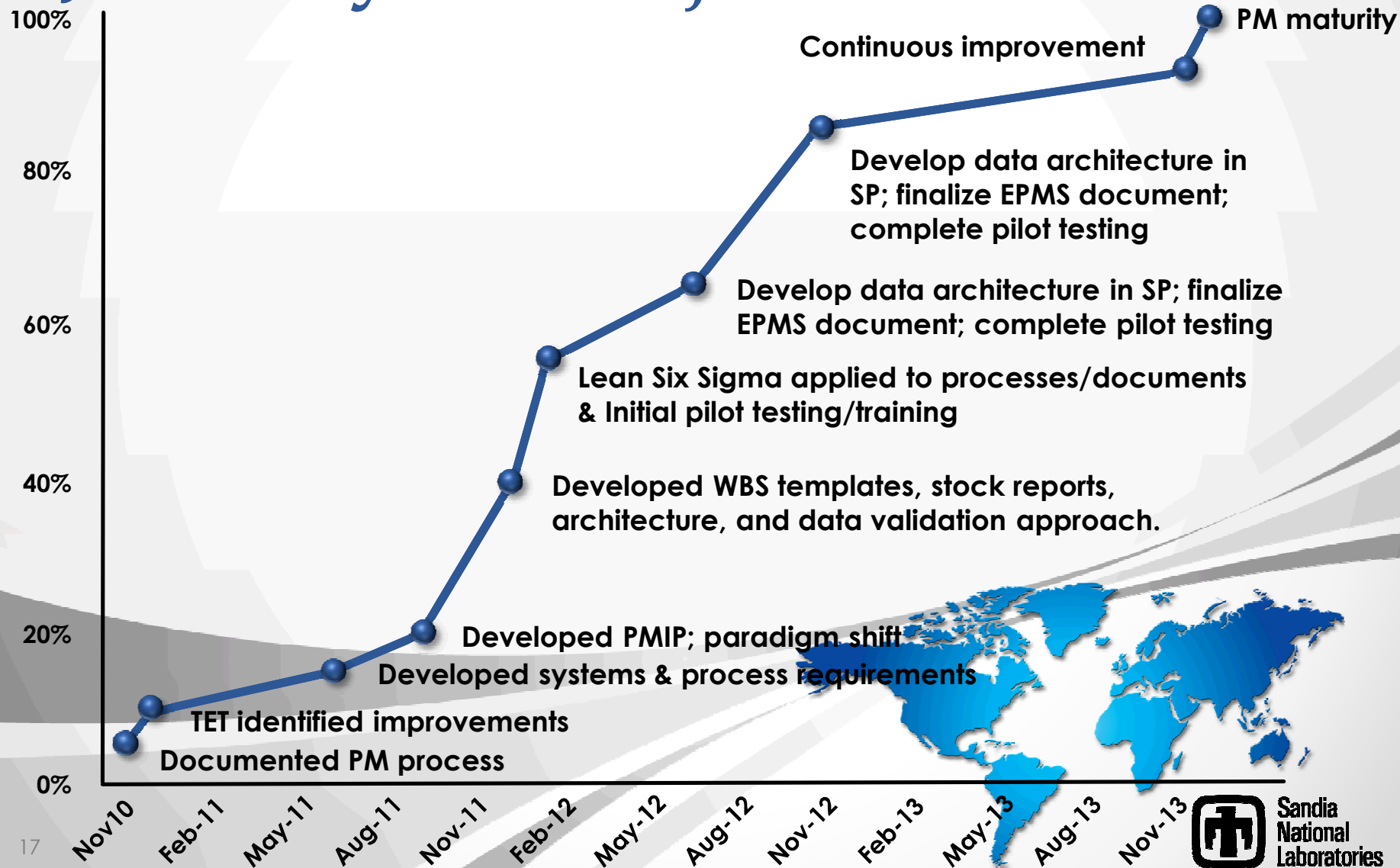


Remaining Work

- Content Management
 - Developing Data Architecture in SharePoint
- Pilot Tests
 - Limited system testing of PM tools in February
 - Full system testing through FY12
- Staff Training Underway



Journey to Project Excellence



Questions

