Gap Analysis and Roadmap (GA&RM)

- **Purpose:** Its purpose is to conduct a systematic analysis of the organization's compliance requirements to a tailored set of security controls. Further, the gap analysis, informed by the Risk Mitigation Analysis, is used to determine the roadmap for mitigation. The roadmap is the plan to take the current state of cybersecurity to the target state. Key drivers include the budget investment, implementation of technologies, people and processes. Other factors for consideration in the roadmap include business prioritization / urgency, task dependency and compliance audits.

- **Level of Effort:** The LOE is determined by a project scope worked out with the client. This is generally considered to be the third element of any cybersecurity activity. Determination of the gap in this assessment is to create a baseline. Thereafter, the gap should be known in a near-real-time basis using tools (software technologies) and processes that allows for continuous monitoring of the state of the system compliance.

- **Owner:** The owner of the deliverables is typically the CISO or the equivalent role.

- **Assessment to Determine the Gap and develop the Roadmap:** Solaris Consulting Group (SCG) conducts the assessment to a selected (tailored) set of NIST CSF based security controls to determine the compliance gap, develop findings (analysis) and develop the Roadmap.

- **Key Elements:**
  - Analysis: On a met, partial met and not-met scoring basis, assess the state of the system compliance to the determined (tailored) security controls to the selected security standard. From this assessment, conduct analysis to determine findings and eventually to develop the roadmap.
  - Applicability. The gap analysis is a level of processed data used to make decisions and take specific actions. It required the consideration of factors such as business priorities, risk mitigation priorities, budgets, time and other resources to create and intelligent basis for proceeding to the roadmap.
  - Roadmap: The roadmap is a plan that has schedule, resources, dependencies and project management discipline to formulate how the investment is used to implement people, process and technologies to close a gap

- **The Solution Package:** The list of deliverables for this service offering includes:
  - Deliverable 1: The analysis is in spreadsheets (tables), charts and text presented in a Word Document. The length of the effort and the document is dependent the scope of the effort and the size / complexity of the organization. The paper will have an executive summary for consumption by decision-makers and detailed explanations of the gaps for mitigation implementors.
  - Deliverable 2: Gap Analysis PowerPoint Executive Summary
  - Deliverable 3: The roadmap is a Word Document that lays out the basis of the plan as described earlier. It starts the high-level project management activities to launch specific projects in the determined order to achieve phases of capability delivery.
  - Optional Deliverable 4: Turn the roadmap into MS Project for implementation. Lead the umbrella project through implementation of the individual projects that lead to the target state.

Features of SD

- Concise, high level strategy
- Executive-level view and
- Understandable across the org
- Business-Aligned
- Follow-On implementation tasks
- NIST CSF guided strategy

Benefits of SD

- Budget planning
- Prioritize to the business impacts
- Leadership endorsement
- A way forward to implementation