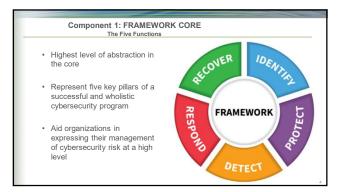


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The Identify Function

The Identify Function assists in developing an organizational understanding of managing cybersecurity risk to systems, people, assets, data, and capabilities

Example Outcomes:

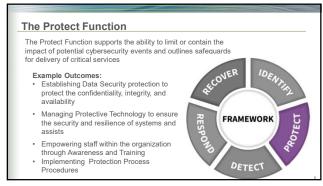
Identifying physical and software assets to establish an Asset Management program

Identifying cybersecurity policies to define a Governance program

Identifying a Risk Management Strategy for the organization. Identifying Risk Assets vulnerabilities and threats

Identify a Supply Chain Risk Management Strategy
Management Strategy

4



The Detect Function

The Detect Function defines the appropriate activities to identify the occurrence of a cybersecurity event in a timely manner

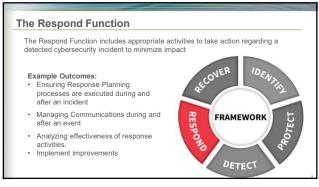
Example Outcomes:

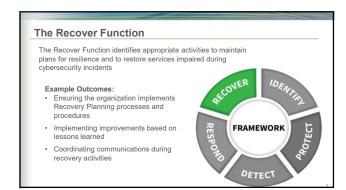
Implementing Security Continuous Monitoring capabilities to monitor cybersecurity events

Ensuring Anomalies and Events are detected, and their potential impact is understood

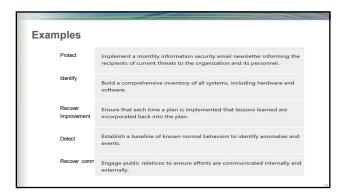
Verifying the effectiveness of protective measures

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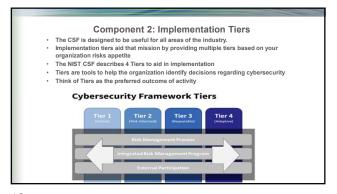


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Tier 1 - Partial:
Reactive to situations
No formalized security process
Does not participate in any information sharing activities

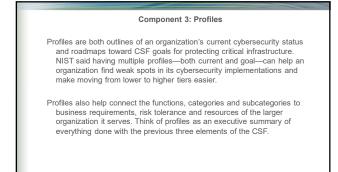
Tier 2 - Risk Informed:
Policies may exist, but are known to only a few key people
Threats are recognized, but may not be efficiently communicated to even internal parties
Acts upon risks based on external intelligence, but probably not consistently

Tier 3 - Repeatable:
Organization has implemented CSF standards
Has formal policy that is updated on a regular basis
Organization can repeatedly respond to cyber crises

Tier 4 - Adaptable:
Can quickly adapt to new and emerging threats
Understands their place in the cyber supply chain and actively works to protect others
Risk management is built into culture so everyone is able to recognize risk

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Implementing a Cybersecurity Framework

Step 1 Step 2 Step 3 Step 4 Step 5 Step 6 Step 7

Step 1: Prioritize and Scope

This is where you determine the risk tolerance of the organization. It is at this point that you should decide which business processes need the most protection and should be considered in scope for this cycle. You can use different priorities on each area to address the unique needs of the organization.

Step 1 Step 2 Step 3 Step 4 Step 5 Step 6 Step 7

Step 2: Orient

Identify the threats and vulnerabilities that apply to the assets identified as in scope.

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Step 1 Step 2 Step 3 Step 4 Step 5 Step 6 Step 7

Step 6: Determine, Analyze, and Prioritize Gaps

Now is time to find the largest gaps in between the current and desired target profiles. This includes determining available resources and the business processes that need to be adjusted to accommodate the protection levels desired. It just deen't make business series to spend a million dollars protecting data that is only worth a hundred. A heating may help visualize this step.

Step 1 Step 2 Step 3 Step 4 Step 5 Step 6 Step 7

Step 7: Implement Action Plan

It's almost time to see progress! Now is the time to put your plan into action and start the transformation in motion.

This all becomes second-nature and develops into a repeatable process with practice and deployment. Annual cycles are adequate for most organizations, but you should customize to your needs and gradually stretch out as high-priority teems are folded into the continuous cycle. Remember, this requires constant and consistent communication with all stakeholders regarding the current and desired tiers for your organization.

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