


The background of the landing page features a stylized globe of the Earth with a network of blue lines and nodes overlaid on it, set against a dark, starry space background. The globe is partially obscured by the network lines, which create a sense of global connectivity and digital infrastructure.

NIST Cybersecurity Framework

A framework for safeguarding data and protecting our organization.

 **Start**

 **Table of Contents**

 **Resources**

NIST Cyber

A framework for safeguarding

 Start


 Table of

Table of Contents

- 1** What is the NIST Cybersecurity Framework (CSF)
- 2** CSF Core Areas
- 3** The CSF in Real Life
- 4** Implementation Tiers
- 5** Framework Profile
- 6** Applying NIST in the Cloud
- 7** CSF Explorer
- 8** Summary

WHAT IS THE NIST CSF?





The NIST Core describes the cybersecurity activities and outcomes you'll help us accomplish by implementing the Framework.

The Core is multi-disciplinary, so it's easy to understand regardless of technical background—but it's also robust. The examples here are just an introduction.

 [CSF Core Components](#)




To learn more, click [CSF Core Components](#). When you are finished, click [Next](#).

 Back

 Resources



 Menu

Next 

Functions

- › At its highest level the CSF is organized into 5 Functions: Identify, Protect, Detect, Respond, and Recover.
- › Each Function addresses a variety of risks organizations may encounter.
- › Don't think about this as a linear process; the Functions are performed concurrently and continuously to form an operational culture that addresses dynamic cybersecurity risk.

FUNCTION	
IDENTIFY	ID
PROTECT	PR
DETECT	DE
RESPOND	RS
RECOVER	RC

Click any **FUNCTION** to learn more about how these activities are organized.



Subcategories

- › Within each Category are many Subcategories, 108 in total, that describe the outcomes that will benefit our organization when implemented.

FUNCTION	CATEGORIES	SUBCATEGORIES
IDENTIFY ID	Asset Management (ID.AM): The data, personnel, devices, systems, and facilities that enable the organization to achieve business purposes are identified and managed consistent with their relative importance to organizational objectives and the organization's risk strategy.	ID.BE-1: The organization's role in the supply chain is identified and communicated
PROTECT PR	Business Environment (ID.BE): The organization's mission, objectives, stakeholders, and activities are understood and prioritized; this information is	ID.BE-2: The organization's place in critical infrastructure and its industry sector is identified and communicated
DETECT DE		ID.BE-3: Priorities for organizational mission, objectives, and activities are established and communicated
RESPOND RS		ID.BE-4: Dependencies and
RECOVER RC		

Explore the various **FUNCTIONS**, **CATEGORIES**, and **SUBCATEGORIES** as desired. When you are finished, click **NEXT**.

The CSF in Real Life



A lot goes into implementing the CSF, and you may not always see the benefits until they're really needed.

Think of the planning you do now like an investment which will help protect us in the future.

Let's see what could happen as a result of implementing ... or not implementing, each Function of the CSF.



To learn more about **FUNCTIONS**, click the characters above. When you're finished, click **NEXT**.

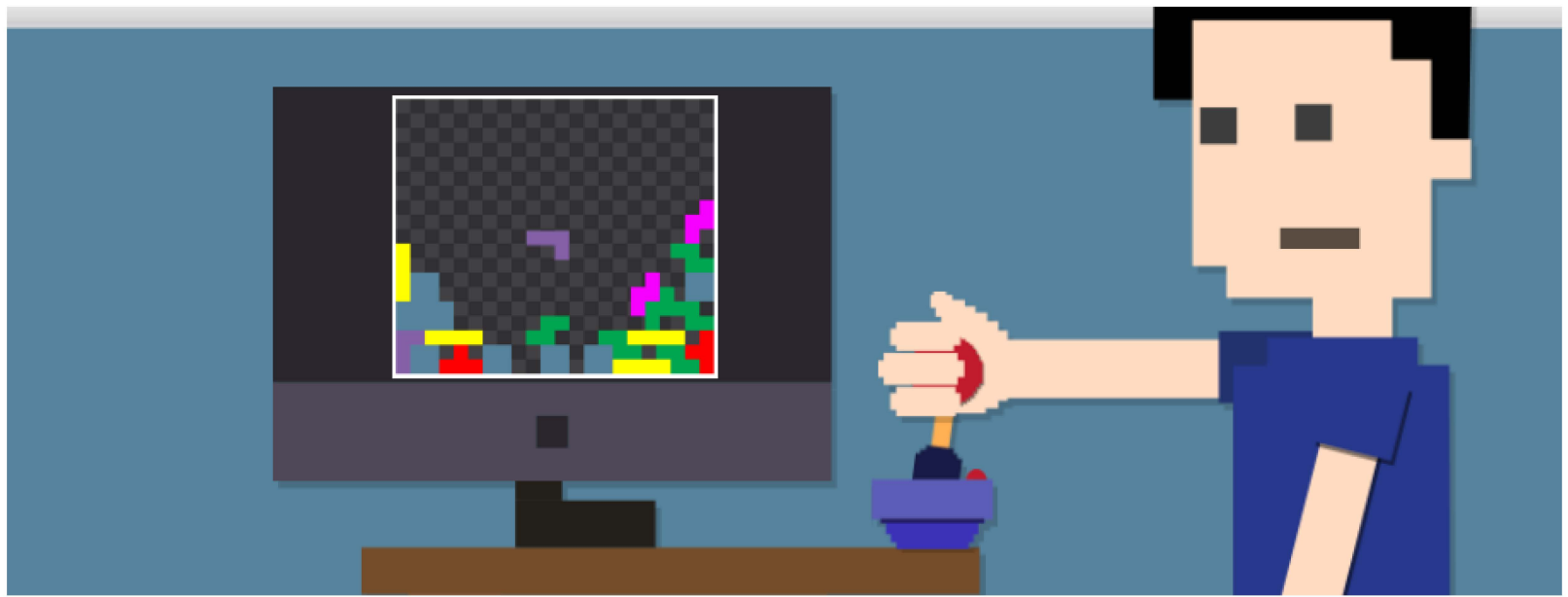


IDENTIFY

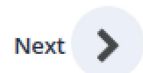
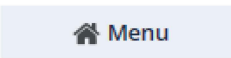
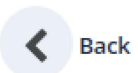
Nick's a desktop support specialist who's service area is infected by malware from a spear phishing attack. Nick has no idea how many resources might be compromised, or what business functions are put at risk. Nick doesn't even know how to properly report the incident!

Click **IMPLEMENT** the CSF!

 **IMPLEMENT THE CSF**



To learn more about **FUNCTIONS**, click the characters above. When you're finished, click **NEXT**.



Implementation Tiers



Implementation Tiers describe how well we align with the characteristics in the NIST Cybersecurity Framework. Tiers are numbered 1-4. The more we align, the higher our Tier.

| Tiers are important because they measure our cybersecurity triumphs, opportunities, and goals.

Applying Tiers to our business isn't a pass or fail judgement; it's a marker of how well we're doing, and where we want to go.

[TIER 1](#)[TIER 2](#)[TIER 3](#)[TIER 4](#)

To learn more, click the **TIER** buttons. When you are finished, click **Next**.



We've just touched on some of the most important components of NIST's cybersecurity Framework.

Implementing the CSF's various actions and desired outcomes is up to you.

🎯 Start

The details depend on your job role. No one person can implement the entire Framework; it takes a team of skilled professionals from across our organization.

This activity is optional. If you have a moment, see which CSF Functions apply most to your role. Or click Next to continue to the course Summary and the course completion.



This activity is **optional**. To learn more, click **START**. To skip this activity, click **NEXT**.