NIST | NICE

Program Office Resources

Energizing and promoting a robust ecosystem of cybersecurity EDUCATION, TRAINING, and WORKFORCE development

NICE, led by the National Institute of Standards and Technology (NIST) in the U.S. Department of Commerce, is a partnership between government, academia, and the private sector. NICE builds on existing successful programs, facilitates change and innovation, and bring leadership and vision to increase the number of skilled cybersecurity professionals helping to keep our Nation secure.

NICE STRATEGIC PLAN
(2021 2025)

The Strategic Plan outlines the vision, goals, and objectives for the NICE Community. An Implementation Plan expands on this by identifying strategies for each objective.

Career Discovery
Promote the Discovery of Cybersecurity Careers and Multiple Pathways

Learning Process
Transform Learning to Build and Sustain a Diverse and Skilled Workforce

Talent Management
Modernize the Talent Management Process to Address Cybersecurity Skills Gaps

NICE Framework
Expand Use of the Workforce Framework for Cybersecurity (NICE Framework)

Research
Drive Research on Effective Practices for Cybersecurity Workforce Development

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NICE FRAMEWORK

The NICE Workforce Framework for Cybersecurity (NICE Framework) establishes a common language to describe and share information about cybersecurity work. It is used by learners (including students, job seekers, and employees), companies, education and training organizations, and government to help promote careers, define jobs, recruit staff, and develop their workforce.

NICE Framework Building Blocks
Task, Knowledge, and Skill (TKS) statements are the core building blocks of the NICE Framework. These statements are used and applied via Work Roles, Competency Areas, and Teams. Using this approach across multiple workforce frameworks allows the same statements to be referenced when pertinent to more than one field of work.

NICE Framework Success Stories
Do you want to find out how others are using the NICE Framework? These short summaries highlight successful implementations, including why and how an organization has applied the NICE Framework and their results and lessons learned.

NICE Framework in Focus Interviews
Listen in on interviews with a cybersecurity practitioners who share about their career path, the kind of work they do and who they work with, and advice for others.

Learn more about the NICE Framework
nist.gov/nice/framework

Getting Started	Resources by Audience
Latest Updates	
Public Comment Opportunities	Translations
	Tools
User's Group	And more!

NICE COMMUNITY

The **NICE Community Coordinating Council** influences concept development, designs strategies, and pursues actions that help implement the NICE Strategic Plan. Working Groups and Communities of Interest include:

WORKING GROUPS	COMMUNITIES OF INTEREST
▪ Talent Management	▪ Apprenticeships
▪ Career Discovery	▪ Career Ambassadors
▪ Transform Learning	▪ Competitions
	▪ Diversity and Inclusion
	▪ K12 Cybersecurity
	▪ NICE Framework

The **NICE Interagency Coordinating Council** convenes federal government partners for consultation, communication, and coordination of programs, projects, and initiatives to grow and sustain the Nation's cybersecurity workforce.

The **Cybersecurity Career Ambassador Program** Is a national network of employers, educators, learners, and more serving as champions for growing and diversifying the cybersecurity workforce.

NICE Planning Committees are comprised of experts from industry, academia, and government who contribute their time and ideas to strengthen cybersecurity education, training, and workforce development.

NICE EVENTS

NICE Webinars feature speakers who engage with learners, industry, and government on key cybersecurity workforce issues — from current trends to successful models and common challenges.

The annual **NICE Conference and Expo** can't be missed! Hear the latest on topics of interest to the cybersecurity profession; network with thought leaders from education, government, industry, and non-profits; and learn about the most recent cybersecurity developments, products, and services.

The annual **NICE K12 Cybersecurity Education Conference** is where cybersecurity educators for today's K12 youth come together. Attendees learn strategies for designing cybersecurity career pathways, innovative approaches to cybersecurity education, ways to promote cyber awareness, and more.

Cybersecurity Career Week takes place during the third week each October to call attention to the contributions to society and innovations that cybersecurity practitioners make. Find resources, ideas on how to promote and learn about cybersecurity, and engage with others!

The **Federal Information Security Educators (FISSEA) Conference and Forums** elevate issues and support learning that assists Federal agencies in strengthening their employee cybersecurity awareness and training programs.

NICE RESOURCES

NICE News
News articles that spotlight academic, industry, and government developments of interest to the cybersecurity workforce community; updates on key NICE programs and projects; and other important news and trending topics in the NICE Community.

NICE One-Pagers
These easy-to-read fact sheets on subjects like Workforce Demand and Cybersecurity Apprenticeships give you a quick overview and point you to more information to help you quickly learn about a topic.

NICE Framework Resource Center
Do you want to learn more about the NICE Framework, find out how to implement the Framework, or want to find tools and resources that you can use when sharing it with others or using it for your own career? The NICE Framework Resource Center is the place to come to get ideas and support.

NICE Cybersecurity Apprenticeship Program Finder
This tool helps you locate cybersecurity apprenticeship programs throughout the United States. Programs may include youth apprenticeships and pre-apprenticeship training programs, as well as virtual training schemes.

Veteran Resources
This resource page provides information on career preparation, educational topics, and links to federal and non-profit programs that assist United States military veterans who are considering a career in cybersecurity.

Online Cybersecurity Learning Content
This is a curated list of free and low-cost online educational content on topics such as information technology and cybersecurity.

Learn more

🖥 nist.gov/nice ✉ nice@nist.gov @NISTCyber