ARIZONA CYBERSECURITY LEADERSHIP

Expertise from cutting-edge companies, access to top talent and support from academic and public sector have positioned Arizona as a national cybersecurity leader. Under Governor Doug Ducey's leadership, the state is one of the most cyber-prepared states in the country. Arizona's strong military presence is vital to the state's private industries, as many service members apply the skills they developed during active duty.

INDUSTRY HIGHLIGHTS

6
MAJOR MILITARY INSTALLATIONS

4
NATIONAL GUARD OPERATIONS

70
CYBERSECURITY ESTABLISHMENTS

Arizona Cybersecurity Team

LAUNCHED 2018

Ensuring Arizona is the most cyber-prepared state in the nation is a top priority for Governor Ducey. He created the Arizona Cybersecurity Team, a diverse set of experts from the public and private sectors, to work together to protect Arizonans from cyber attacks. The team's goal is to ensure Arizona has sophisticated cybersecurity capabilities and a strong pipeline of skilled talent. ACT provides recommendations in areas of opportunity relating to information sharing, quick access to information, enhancing consumer protections and normalizing best practices. The Arizona Commerce Authority co-leads the ACT Workforce and Economic Development Committee to ensure the needs of businesses are met.

Preparing the Next Generation

122
UNIVERSITIES & COLLEGES

122
SCHOOLS OFFERING TECHNICAL DEGREES

490K
STUDENTS ENROLLED

ASU Arizona State University

The **Center for Cybersecurity and Digital Forensics** (CDF) brings together faculty in engineering, social sciences, law and business to conduct research and create education, internship and training platforms. ASU's **School of Engineering** is home to the Information Assurance Center, a university-wide center based in the School of Computing, Informatics, and Decision System Engineering. The **Blockchain Research Lab** at ASU advances the research and development of blockchain-based technologies for use in business and financial services, economics, computer science and more.

THE UNIVERSITY OF ARIZONA

National Center of Academic Excellence in Cyber Operations

The University of Arizona's (UArizona) **Cyber Operations** program is one of the nation's largest cybersecurity programs. The program prepares graduates for cyber-related occupations in defense, law enforcement and private industry. UArizona's top-ranked programs in **Management Information Systems** (MIS) focus on the application of information systems in the business environment. The MIS department boasts $200 million in funding for research in IT areas such as cybersecurity, artificial intelligence, big data analytics, IT management and strategies.

CYBERSECURITY PROGRAMS

Yavapai COLLEGE

MCC Mohave Community College

COCHISE COLLEGE

SOUTH MOUNTAIN COMMUNITY COLLEGE
A **MARICOPA** COMMUNITY COLLEGE

GLENDALE COMMUNITY COLLEGE
A **MARICOPA** COMMUNITY COLLEGE

University of Advancing Technology
UAT
Learn. Experience. Innovate.

ESTRELLA MOUNTAIN COMMUNITY COLLEGE
A **MARICOPA** COMMUNITY COLLEGE

Embry-Riddle Aeronautical University

National Center of Academic Excellence in Cyber Defense

The College of Security and Intelligence (CSI) is a first-of-its-kind program entirely dedicated to cybersecurity. The college trains future security and intelligence professionals, promoting education, research and outreach in international security and global intelligence fields.

EMBRY-RIDDLE
Aeronautical University

Grand Canyon University

National Center of Academic Excellence in Cyber Defense

The Arizona Cyber Warfare Range, a privately-funded nonprofit entity with two locations in the Phoenix area, works in partnership with Grand Canyon University (GCU) and Arizona Cyber Threat Response Alliance to help cybersecurity professionals hone their skills through self-paced training, mentoring and real-world experience.

GRAND CANYON
UNIVERSITY ®

Arizona Industry Leaders

Many of the top cybersecurity companies in the world have operations in Arizona. The state's cluster of cybersecurity companies, university programs and government initiatives are securing the nation's systems. Arizona's cybersecurity leaders are exposing potential risks before a real cyberattack, securing integrated mobile enterprise solutions and protecting employee identities. As the fourth most concentrated business & financial services industry, Arizona's cybersecurity companies are of high value.

GoDaddy

LOCKHEED MARTIN

IBM

NAGRA
KUDELSKI GROUP

Raytheon
Missiles & Defense

BAE SYSTEMS

NortonLifeLock

Honeywell
AEROSPACE

MCKESSON

BeyondTrust

ClearDATA

Early Warning

InfoArmor

Simplewan

Acronis

Robust Military Talent Pipeline

Fort Huachuca in Sierra Vista is a leader in cyber defense and supplier of a top-secret cleared workforce. The Southern Arizona base is headquarters of the Network Enterprise Technology Command (NETCOM) 9th Signal Command. A major subordinate of the U.S. Army Cyber Command, NETCOM maintains and protects the Army's global network.

The army base also houses the U.S. Army Intelligence Center of Excellence, which teaches the procedures and skills required for intelligence support to all cyber operations in the Army and Department of Defense.

With Arizona as the best place to test, scale and launch ideas, Sierra Vista's stable climate and altitude, and Fort Huachuca's federally protected airspace, the area is a key partner in intelligence electronic warfare testing. Fort Huachuca is home to the Department of Defense Major Range and Test Facility Base, which offers third-party testing for companies to validate their technology.

SkillBridge

Arizona's statewide Skillbridge partnership, which is free to employers, allows service members who are within six months of separation from the military to complete internships and pre-apprenticeships with approved civilian employers prior to transitioning out of the military.

Skillbridge prepares the approximately 2,500 Arizona-based service members who separate from the military each year to put their diverse training and skills to use in the private sector while also providing an additional source of highly qualified talent to Arizona employers.

Blockchain

Arizona is positioning itself as a national leader in advancing blockchain technology. The state passed supportive regulations to this emerging technology and opened Arizona's economy to companies seeking to innovate in the blockchain/FinTech sphere.

Although most people associate blockchain technology directly with its use as the backbone of cryptocurrencies, its utility as a secure medium extends far beyond this application. Arizona's 2018 legislation updated state statutes to specifically authorize companies to hold and share data using blockchain technology, putting this data on par with written records.