

Building a smarter military base

Fact sheet

How network modernization can help boost security, efficiency and morale

There is no question that digital technologies can help military bases work smarter. New tech can help make processes more efficient, provide tighter security, enable more lifelike training and provide better internet connectivity for civilian partners and military families.

However, insufficient funding, cybersecurity concerns and a shortage of technical skills can make it hard for some bases to fully take advantage of new technology. Legacy public and private network infrastructure, technologies approved for base use by the Department of Defense and other obstacles can also slow “smart-base” progress.

Bases may be able to overcome many of these issues by working with the right technology partner. As a holistic technology solution provider that has a long history of partnerships with and commitment to the Department of Defense, Verizon can support you with a robust portfolio of services and solutions, including onsite 5G, a custom-designed private network that has the range and scale to match today’s needs and adapt quickly to emerging capabilities.

Verizon understands the unique needs of the Department of Defense and can help address them with a robust portfolio of secure services and solutions.

6 uses cases for smart-base technology

Transformative digital technology can help you bolster security and operate more efficiently and effectively. Here are a few of the most promising smart-base use cases:



Training

Military bases run some of the best training and educational facilities in the country. Digital technologies can help improve access to this training, often eliminating the need for travel. Augmented and virtual reality can help make instruction more lifelike by putting trainees into virtual simulations to practice what they’re learning.



Automation and force-multiplier applications

These applications can help maximize efficiency by automating your basic processes and procedures. IoT sensors and connectivity and—in more advanced use cases—robotics can free human resources for more important and demanding activities. Managed IT services can also be an important force multiplier by allowing your limited IT personnel to focus on other mission-critical activities.



Base and perimeter security

Connected devices can help automate critical elements of base security. For instance, cameras and sensors in remote areas can help detect and stop intruders, and foreign object detection (FOD) can help keep high-traffic or sensitive areas, such as runways, safe. You can also help make security processes more efficient with automated access control at gates and intelligent detection systems to quickly send alerts about incidents on base and optimize your response.



Supply chain management

IoT sensors can pinpoint where base resources, such as trucks, ships or other equipment, are at all times. They can also identify where maintenance is needed to more accurately allocate labor. Advanced technologies, like augmented and virtual reality, can support an effective maintenance workforce by enhancing workers’ repair skills.



Base morale and welfare

Maintaining a high quality of life, not just for base personnel but for families and other members of your civilian support staff, is essential for base morale and welfare. Better network infrastructure, with the appropriate security protocols in place, can help improve connectivity for civilians and military families living or working on base, allowing them to access cultural activities and remote job opportunities.



Healthcare

Better connectivity can provide base personnel with access to a broader range of healthcare services and specialties through telehealth. This can be an especially important benefit in remote locations. In addition, wearables and other health sensors can be used to monitor the health of personnel during training activities to help minimize risk and improve outcomes.

We can help you build a resilient, secure and reliable network that meets your specific needs, wherever you need it.

Why Verizon

Verizon is uniquely positioned to be an ideal partner for your continual smart-base transformation. We offer:



Secure network connectivity

We have built and now manage the most reliable network in America.¹ With expertise in both public and private networks, we can help you design and implement the right connectivity solutions for your needs, from highly secure private networks for mission-critical activities to broader connectivity to improve base life. Our expertise in security is especially critical for military bases, and our On Site 5G and 4G LTE solutions can help you modernize your connections.



Managed and consultative services

Our experts can help you better understand your options, from technical implementation to process management, so you can arrive at custom plans that work well for your base. Our managed technical services can augment your IT resources, unlocking new capabilities previously unavailable or allowing you to reallocate your critical IT personnel to other mission-critical tasks.



A long history of commitment to the military

Verizon has a long history of supporting military bases, the Department of Defense and the public sector, which gives us unique insight into your specific needs. Part of this commitment comes down to our shared determination to run to a crisis, not away—as seen in our disaster response team and our support for first responders, including firefighters, the police force and the military. And with over 10,000 veterans currently employed at Verizon and four years of us being ranked a Top 3 military-friendly company,² you know you're getting support not just from technology experts but from people who understand how they can best help and support you.

Learn more:

Find out more about our smart-base solutions and digital transformation capabilities for the defense industry at verizon.com/defense >



¹ America's most reliable network based on rankings from the RootMetrics® U.S. National RootScore® Report: 2H 2020. Tested with best commercially available smartphones on three national mobile networks across all available network types. Your experiences may vary. The RootMetrics award is not an endorsement of Verizon.

² <https://www.militaryfriendly.com/2021-mfc/>