

EMPOWER PRESERVATION OF THE FORCE INITIATIVES WITH DEFENSEREADY



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INTRODUCTION

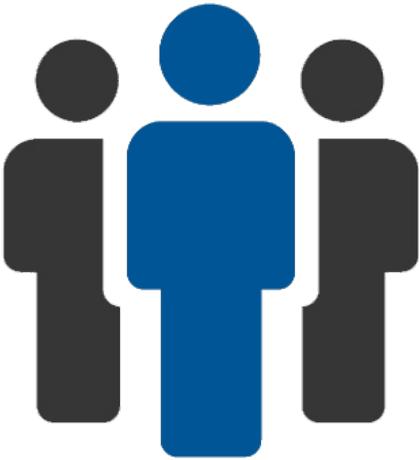
The military today is steeped in technology and at the core of these advancements are command and control IT systems. These applications and databases provide *ANYCOM leaders with a Common Operating Picture of their unit and their mission, but almost all of them reside in the operational side of the military such as the Global Command and Control System (GCCS) and Blue Force Tracker. Similarly, different types of units have internal applications such as AFATDS for field artillery units and MC4 and AHLTA for medical units.

But what about administrative and operational data while an *ANYCOM unit is in garrison? How can commanders keep visibility on the exhausting sets of data and in turn maintain unit readiness from medical, operational, and administrative perspectives all at once?

A command and control application called DefenseReady is the answer. DefenseReady pulls several different sets of data from across all sections of an *ANYCOM military unit so it doesn't have to be hunted down piece by piece from other systems and provides commanders with an accurate picture of a unit's readiness at all times.

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HOW CAN DEFENSEREADY HELP BETTER MANAGE YOUR PERSTEMPO NEEDS?

Who it's for:

Commanders who need to stay in control of mission readiness and administrative requirements.

Summary:

DefenseReady gives Commanders a complete and accurate snapshot of their unit at any time with DefenseReady software. Staying in compliance with PERSTEMPO requirements is simplified and Commanders can easily determine the deployability of a unit.

*ANYCOM personnel who deploy away from their home station to combat or training events need mandated downtime in between to rest, recuperate, and reorganize. With a smaller military and several combat zones to deploy to, it's easy to lose track of who's been where and when. Soldier recuperation isn't possible if commanders don't have comprehensive situational awareness of their people. Personnel Tempo (PERSTEMPO) is a metric the Department of Defense uses to measure the amount of time service members have in between deployments and is a direct contributor to the overall deployability of a unit.

With DefenseReady, all of the data points that contribute to PERSTEMPO are compiled in one dashboard. Field Exercises, Schools, Deployments, Training Events, Temporary Duty and many more data points are accumulated in one place. This empowers commanders with a complete set of data on all of their personnel at any given moment. Thumbing through report after report from disparate sections of an *ANYCOM unit is a thing of the past because the Commander has an accurate snapshot of his or her unit on one overarching dashboard. This also allows commanders to do the one thing they must do in order to have a mission-ready unit: take care of their troops.

REAL-TIME DATA ELIMINATES ERRORS IN PERSONNEL STAFFING

Picture this. An *ANYCOM Commander has been given a Warning Order to deploy one of his Battalions to a combat theater on short notice. He turns to the Battalion Commander and asks what personnel shortages he has. The Battalion Commander confers with his DefenseReady dashboard and quickly replies.

"Sir, I would need two 25B Information Technology Specialists both level one, one senior intelligence NCO and a medical officer."

“Didn’t you just get a new Medical Officer?” The Brigade Commander asks.

“Yes sir, but he violates the Corps PERSTEMPO standard. He came to us after a deployment. The other three were on individual deployments recently.”

“Okay, we’ll plus you up from the other Battalions.”

With DefenseReady, the unit’s personnel data is immediately available so resource decisions can be made without having to find out the hard way that a critical skill set will not be available for deployment. Those decisions can be made faster and with greater accuracy when commanders are empowered with a tool that provides immediate and accurate data like DefenseReady.

PUT INFORMATION IN THE HANDS OF YOUR COMMANDERS

DefenseReady’s PERSTEMPO application is a force multiplier not just in a garrison environment, but in combat as well. The military is deeply rooted in the decision-making process that requires leaders to gather and analyze many forms of data as well as form task forces around personnel and their capabilities. A unit that has been weakened by combat operations cannot be tasked to continue those operations if they are low on critical skills. DefenseReady tracks and reports personnel data in a combat environment, thus making the unit more mission effective.

DefenseReady also does what no other application can - empower the user.

DefenseReady gives the user access to all the data they’re authorized to view from various sections. They also get the authority to query or chart that data. The dashboards in DefenseReady provide commanders with accurate, real-time data that cuts across all spectrums of *ANYCOM units so they have all the information they need to make mission-critical decisions.

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BETTER UNDERSTAND YOUR HUMAN PERFORMANCE DATA WITH DEFENSEREADY

Ultimately the greatest technology in the military's arsenal has to be operated by a human and that human needs to be at his peak performance as much as possible. The DefenseReady human performance module provides *ANYCOM unit leaders with the capability to track and maintain data regarding improving the health, safety and performance of service members.

The goal is to provide users with the tools they need to help optimize and sustain the mental and physical performance and resilience of the service member; reduce injury; decrease the incidence of illness or injury; accelerate recovery from missions, illness and or injury, and improve the human weapons systems' ability to accomplish the mission.

Who it's for:

Command Sergeants who need to track and manage all personnel in the command organization.

Summary:

DefenseReady enables Command Sergeants to access and monitor health and performance data about each service member, enabling them to quickly determine readiness levels with easy-to-use dashboards. They can also save time and ensure data accuracy with DefenseReady's inprocessing that allows service members to enter information once and then share it across the other unit sections.

MONITOR SERVICE MEMBERS' INJURY AND RECOVERY DATA IN ONE PLACE

DefenseReady provides a single location for all health and performance data so *ANYCOM leaders can make decisions and allocate resources to those subordinate units that need it. DefenseReady can record and track injuries of service members, allow care providers to log critical treatment data and consults, input personal information such as date and time of visit, length of visit, visit type, care provider, body composition measurements, and medical lab results.

But beyond medical data, DefenseReady also provides performance metrics and performance coaching. The system provides the ability to track and analyze various performance measures for stability, mobility, lower body strength, aerobic capacity, multi-directional speed, lower body power, muscular endurance, linear speed and functional movement screening. Every service member has a different baseline performance level. Knowing what each service member's baseline is allows you to better see where they are after an injury and where they need to be to return to active duty. It can also let commanders know whether or not personnel are attending performance coaching sessions or classes.

ENSURE READINESS LEVELS



Human performance isn't limited to this data set, though. Leaders are at their best when they are leading and they can't lead if they are in endless meetings sifting through piles of data to determine readiness levels. That negates the greatest asset of a leader. DefenseReady dashboards allow *ANYCOM Commanders and Command Sergeant Majors to cut down on the amount of time they are away from their units. They can perform the functions of their commands and optimize their own leadership ability instead of being chained to a desk or finding data to file a report. The overall human performance of the unit is now maximized because the Commanders and staff have more time to do what they do best: lead.

Military units are always struggling with low manning levels and higher headquarters frequently move personnel from unit to unit to maintain readiness. Injuries and physical fitness levels affect unit readiness on a daily basis. But with DefenseReady, *ANYCOM units can identify holes as well as replacements and keep critical skills shortages from affecting a unit's readiness.

SIGNIFICANTLY REDUCE ADMINISTRATIVE TIME

DefenseReady also maximizes the performance of unit administrative personnel. Inputting personal data to the database is faster and is immediately quantifiable and analytical. Once a service member is entered into the system, they are tracked across all sections of the unit.

For example, a service member used to inprocess in every section of a unit and fill out the same information several times (name, service number, unit, address) on clothing records, weapons cards, supply records, motor pool, physical fitness records, etc. With DefenseReady, this information is entered once and is accessible by all other sections of the unit so it reduces the amount of time the individual has to fill out paperwork, increasing accuracy of data and reducing the workload on unit administrative personnel as well.

Through efficient engineering and forward-thinking design, DefenseReady is maximizing the performance levels of the individual, which increases the performance level of the unit as a whole.

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MONITOR SERVICE MEMBER RECOVERY AND IDENTIFY ISSUES SOONER WITH DEFENSEREADY

Who it's for:

Command Sergeants who need to track and manage all personnel in the command organization.

Summary:

DefenseReady's human performance module helps Command Sergeants improve their mission readiness with better monitoring of an injured service member's rehabilitation. By tracking each service member's physical, mental and spiritual recovery, they're notified as soon as an appointment is missed or when a service member isn't cleared for duty, affecting mission readiness.

DefenseReady's human performance module focuses on data that maximizes the output of the human machine. But what happens when that machine breaks? How can a leader use personnel data to rehabilitate the military's most precious asset – the individual service member?

A soldier is like a professional athlete. If you ask them if they're OK they will almost always say yes, even if they are not. They don't want to admit that they're hurt and are driven by a deep motivation to continue fighting. Likewise, service members are selfless people who don't want to be excluded from their unit due to health reasons and will sometimes hide an injury and/or illness to ensure they are not left behind.

Injuries happen. Troops go down and many times they try to get back up before they should. DefenseReady allows *ANYCOM leaders and health professionals to set goals and objectives for injured personnel to achieve so they know when their mission-capable status has truly been achieved. Health professionals can input performance data into the system along with raw data (appointments made or missed for example) to paint an accurate picture of the individual and maintain an active health and well-being profile.

VIEW RESILIENCY METRICS AGAINST A SET BASELINE

DefenseReady provides leaders with a baseline set of data and performance metrics so when a service member is recovering from an injury or illness his leadership can set metrics to be achieved and be declared fully mission capable. DefenseReady allows *ANYCOM users to set goals against a previously recorded performance baseline so they know what the service member needs to achieve to be fully mission capable.

A soldier's health, nutrition, shot records, OPSTEMPO and other performance metrics are available in one place which allows leaders to ensure their

personnel are not over-tasked during the recovery process. Appointments for physical therapy, occupational therapy, mental health counseling, and spiritual care are available so leaders can determine if their people are on or off the road to recovery.

IDENTIFY AND REMEDIATE PERSONNEL ISSUES SOONER

Picture this: An *ANYCOM service member wants to be part of his unit and hides an injury, but his Platoon Sergeant notices it. He's ordered to get evaluated by the medics who determine he has a sprained ankle and

needs six weeks of downtime along with several physical therapy sessions. The service member decides not to attend the physical therapy appointments and tells his leadership he's good to go. But he's not and at the next unit training exercise he can't carry his own ruck and can't participate fully with the unit. With DefenseReady, his *ANYCOM leadership would have known the moment he skipped an appointment or had a subpar Physical Training session and the situation would have been avoided altogether.

It's always better to be proactive and identify an issue before it happens than to be reactive and be surprised by it later on. DefenseReady allows leaders to better monitor a service member's

rehabilitation and return to duty. This proactive approach allows leaders to keep their units more mission ready than before and contributes to the overall health of the unit.

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ENSURE YOUR ORGANIZATION'S MISSION-READINESS WITH DEFENSE READY

Who it's for:

Commanders who need to stay in control of mission readiness operations and administrative requirements.

Summary:

DefenseReady centralizes all areas of mission-critical data into instantly-accessible dashboards. Commanders can identify and avoid deficiencies faster than ever, ensuring that they have all the information they need to determine mission readiness.

An Infantry Battalion is ordered to mobilize for a potential mission and realizes too late that three critical personnel are undeployable because of individual deficiencies. An overdue dental exam, no weapons qualification, and an incomplete family readiness plan are to blame. The countdown is on and the leadership doesn't have enough hours to secure replacements prior to wheels up, which forces the unit to deploy short-handed and its ability to accomplish its mission is degraded. This is a nightmare scenario for any leader but it's also an issue that's easily avoided with the right tools.

Commanders at all levels insist that their people track all mission-critical statistics to avoid this. But with traditional reporting methods that information frequently becomes compartmentalized in one staff section or another and never gets cross-checked, causing the scenario just described. A soldier who is 'good to go' in nine deployable areas becomes an impediment when the unit discovers that the tenth area is a 'no-go.'

CENTRALIZE ALL AREAS OF MISSION-CRITICAL DATA

This has been a critical capability gap for military forces for a long time. They must maintain personnel in a high readiness posture, but have only been afforded analog tools to keep track of it, none of which had the capability to analyze the data and raise red flags. Complicating the readiness puzzle are the diverse sections of a tactical unit. An admin section, intelligence section, operations section, logistics section, arms room, motor pool, and medical section all have different readiness metrics that have to be met and different means of tracking the data. Army service members, for example, have to meet deployment criteria in all these areas, but not all these sections share information amongst themselves.

DefenseReady addresses this critical capability gap and creates a platform to share information readily in order to identify readiness shortfalls early

enough to avoid them. By developing and implementing an application and database that not only collects pertinent information, but actively shares it across the unit and provides the commander with an accurate personnel overview, DefenseReady has greatly reduced the risk of being caught unaware of a deployment issue before it happens. With DefenseReady units can share what they want to, and are always able to share what they need to.

ACCESS DEPLOYABILITY DATA IN ONE DASHBOARD

At the strategic levels of defense we talk about products and units in terms of “ilities:” capability, feasibility, sustainability, etc. At the tactical level, deployability is at the top of that list and DefenseReady contributes directly to maintaining it at a high level. For the first time Commanders have instant access to all the data they need about their people and can identify and avoid deficiencies faster than ever. With the Defense Ready dashboard, Commanders always know who can go and who can’t.

The system is in use now by the major command that deploys with the least amount of notification: the United States Special Operations Command. With their small numbers and extremely sophisticated skillsets, Special Operations units are especially more susceptible to personnel disruptions than larger units. If one person from a twelve man Operational Detachment Alpha (ODA) cannot deploy, it has a direct and negative impact on the unit as a whole.

DefenseReady, consisting of 10 modules and 356 application features that focus on improving economies and efficiencies in all human resource and readiness management program areas, has been implemented and used successfully by SOF units for over four years with great success. Special Operations units are the tip of our nation’s spear and frequently deal with an OPTEMPO that’s higher than the rest of the military due to their specialized training. If they can implement DefenseReady and utilize it to improve their combat effectiveness, then there’s a good chance any military unit can do the same.



CONCLUSION



When an *ANYCOM unit deploys, leadership is responsible for ensuring deployability of their unit. Gaps in collecting and analyzing personnel readiness data exist and can degrade a unit at the worst possible time. With DefenseReady it doesn't have to.

DefenseReady empowers *ANYCOM unit leaders by putting accurate and timely data into their hands, which allows them to maintain combat-ready units and make resource decisions to ensure they stay that way.

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