



2018 | **FUTURE
STATE
VISION**
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY

2018 | FUTURE STATE VISION

“BY REALIZING THIS VISION, WE WILL PROPEL OUR NATION AHEAD OF OUR ADVERSARIES BY ENSURING THAT WE CAN - SEE WHAT THEY CANNOT, KNOW WHAT WE SHOULD KNOW, AND ACT FIRST.”

Letitia A Long



The NGA Future State Vision describes where NGA will be in 2018 based on the mission, vision and objectives identified in the NGA Strategy. It is aligned with DOD and DNI priorities described in the national security, military, and intelligence strategies and in “DOD Priorities for the 21st Century.” Specifically, the FSV describes how NGA will create new analytic value and enhance customer service. It emphasizes partnerships

with international, commercial, IC, DOD, and academic institutions, and focuses our analysis on unique and essential content creation.

By 2018, NGA has transformed from a producer of predominantly static products to a provider of dynamic GEOINT content, analysis and services. We deliver our analytic judgments, foundation data, and suite of GEOINT services to our customers and partners. We leverage our NSG, international, academic and industry partnerships to fulfill requirements against those issues where these partners bring capabilities and insight, while we focus our tradecraft, tools, processes and sources to solve complex problems and provide anticipatory intelligence. Our unique contributions sustain our position as the indispensable GEOINT provider.

By 2018, NGA has enabled multi-INT integration for the IC. We provide the foundation upon which NGA, along with our partners, layers and synthesizes intelligence information. This foundation is the basis for a common, integrated intelligence picture.

Our workforce has enabled this transformation. We recruit, train and retain a diverse and agile workforce. We develop critical skillsets, such as big data analytics, visualization and advanced sensor phenomenology. Our analysts are world-class experts in geomatics, global GEOINT content, intelligence issues and emerging technologies. They are part of a career service with multiple levels of expertise, certifications and career paths. Our workforce uses cutting-edge technology that underpins our content and service offerings.

WE PROVIDE GEOINT WHEREVER AND WHENEVER IT IS NEEDED

By 2018, NGA provides dynamic GEOINT analysis, content and services that are accessible anytime, anywhere. Any customer - whether policymaker or warfighter, homeland security operator or first responder, ally or coalition member - can easily discover and access what we offer through various stationary and mobile devices and security domains. To ensure timely and relevant access to GEOINT, we maintain close relationships with our customers and employ business analytics to enhance the GEOINT consumer experience, usage and usefulness of our content. Most customers increasingly rely on self- and assisted-service options, with full-service support available to those who need it. We provide powerful self-service capabilities that make it easy for customers to find and use our GEOINT as well as access our experts' knowledge. We provide customers with a sophisticated array of intuitive self-help support tools, tutorials and resources. When a GEOINT-related issue arises that our customers cannot resolve alone, we quickly and effectively teach customers how to answer their questions and when necessary, connect the customer to a professional with deeper expertise. To meet more challenging and time-sensitive mission needs, we continue to embed our workforce with our customers - whether at their headquarters or in expeditionary locations.

OUR MAP OF THE WORLD ENABLES INTEGRATED INTELLIGENCE

Our seamless, dynamic Map of the World enables users to visualize and access integrated intelligence content fixed to accurate and authoritative geographic features on the earth. The MoW provides a unified, online, geospatial, temporal and relational view of the world through the integration of our foundation GEOINT and navigation datasets, our features, our imagery and our intelligence. The MoW is the foundation for the IC's object-based production environment. It provides the geospatial bedrock for all intelligence, information and knowledge to be anchored, integrated, presented, and accessed. It enables multi-INT integration by allowing analysts from across the intelligence community to start from a common frame of reference, bringing together multiple sources of information on one object. It is available through multiple security domains, on multiple devices, and it can be customized by the user as needed. It displays not only NGA-generated data, but also data generated by our partners, and the origin of all data is easily accessible.

WE CONTINUE TO ADVANCE OUR ANALYTIC TRADECRAFT

Our analytic insights fuel the MoW. We continue to evolve our analytic tradecraft through the implementation of advanced analytic techniques and processes that are applied to the full spectrum of GEOINT. Our resulting analysis is structured, metadata-tagged and accessible. To leverage and navigate new, large-volume data sources, we employ big data solutions, so analysts spend less time navigating data stores and more time generating knowledge and creating analytic judgments. We manage active partnerships to synchronize requirements and resources and unify actions that allow NGA to focus our finite resources and capabilities on the most important intelligence problems.

OUR WORKFORCE DRIVES CHANGE

Our workforce is agile and adaptive, aggressively driving change to increase the value of GEOINT to our customers. Our workforce is shaped by the skills, capabilities and knowledge that we require to produce the best GEOINT possible. We have retrained employees with lower-demand skills and prioritized the hiring of higher-demand skillsets to include data science, visualization and phenomenology experts. Our GEOINT analysts are certified to ensure the work they perform is commensurate with specific proficiency levels gained through demonstrated knowledge and common competencies. All NGA employees have a career advancement path; they fully understand the opportunities afforded to them within NGA, as well as through career broadening JDA assignments. We reward our highest performers through a rank-in-person promotion system, which judges performance against corporate criteria.

WE MEET THE CHALLENGES OF AN INCREASINGLY COMPLEX WORLD

In 2018, our primary purpose and function continues to be as a cornerstone in providing strategic warning, situational awareness, military operational planning, combat support and foundational GEOINT. We build upon these to deliver context and insight, enabling multi-INT integration. The demand for GEOINT knowledge, information and data continues to grow, and it is our responsibility to meet this demand when and where it is needed. By realizing this vision, we will propel our nation ahead of our adversaries by ensuring that we can - see what they cannot, know what we should know, and act first.

NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY

NGA delivers world-class geospatial intelligence, or GEOINT that provides a decisive advantage to warfighters, policymakers, intelligence professionals and first responders. Both an intelligence agency and combat support agency, NGA fulfills the president's national security priorities in partnership with the intelligence community and the Department of Defense. NGA is also the lead federal agency for GEOINT and manages a global consortium of more than 400 commercial and government relationships.



7500 GEOINT DRIVE. SPRINGFIELD, VA 22150
nga.mil | @nga_geoint | facebook.com/natlgeointagency

APPROVED FOR PUBLIC RELEASE 13-448