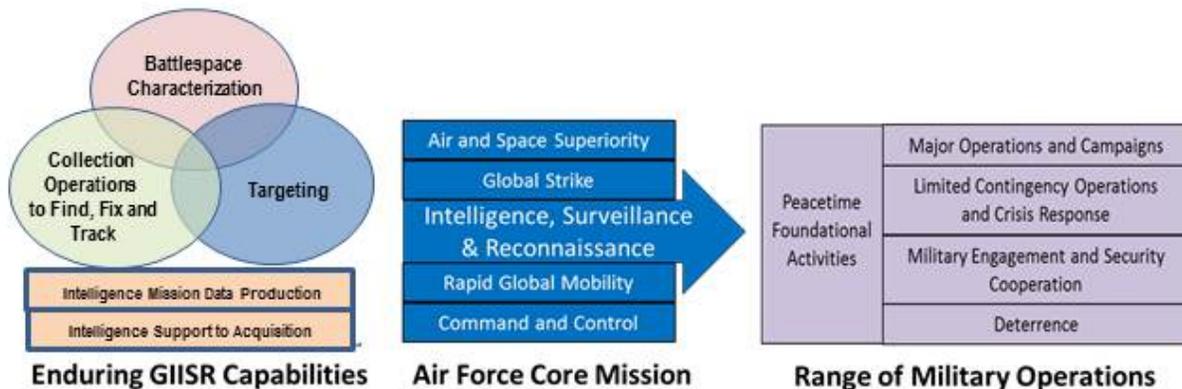


## GLOBAL INTEGRATED ISR ENDURING CAPABILITIES

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Global integrated intelligence, surveillance, and reconnaissance (ISR) enables decision advantage for the joint and coalition warfighter through five integrated capabilities: battlespace characterization; collection operations; targeting; production of intelligence mission data (IMD) for information based weapons and platforms; and, intelligence support to weapon system design and acquisition (see figure).



**Global Integrated ISR Enduring Capabilities**

### Battlespace Characterization

Battlespace characterization is the ability to understand and predict adversary capabilities, tactics, techniques and procedures (TTPs), threat dispositions, centers of gravity, and courses of actions within the context of the operating environment in order to provide indications and warning, identify potential vulnerabilities to our forces and identify opportunities to achieve our combat objectives. In short, through battlespace characterization, global integrated ISR captures what is known, what is not known, and what is believed and continuously updates and tests those conclusions to prepare for and execute joint operations across the [range of military operations](#).

### Collection Operations to Find, Fix, Track and Characterize

Collection operations is the command and control and synchronization of ISR sensors, platforms and exploitation resources to find, fix, track and characterize adversary activities and infrastructure as well as the operating environment. The aim is to test beliefs, confirm knowledge and discover intelligence gaps in order to enhance our

decision advantage over our adversaries. Collection operations are driven by battlespace characterization, targeting, IMD and acquisition support requirements.

## **Targeting**

[Targeting](#) is the process for selecting and prioritizing targets and matching appropriate actions to those targets to create specific desired effects that achieve objectives, taking account of operational requirements and capabilities. Interactions with information and intelligence gathered during find, fix and track activities and battlespace characterization are used to conduct deliberate (preplanned) and dynamic (time-sensitive) targeting. The targeting cycle spans development of commander's objectives, guidance and intent; through target development, vetting, validation, nomination and prioritization; to commander decision and force assignment, planning and execution, and finally assessment.

## **Intelligence Mission Data Production**

[IMD](#) production is the ability to derive, produce, and rapidly update the intelligence used for programming platform mission systems in development, testing, operations and sustainment including, but not limited to, the following functional areas: signatures, electronic warfare integrated reprogramming, order of battle, characteristics and performance, and GEOINT. The proliferation of information-based weapon systems—weapons and platforms that require detailed intelligence information to operate as designed—has significantly increased the need for the production and rapid integration of IMD into Air Force operations.

## **Intelligence Support to Acquisition**

Intelligence support to acquisition and its associated analytical processes enable the acquisition community to impact weapon system design through future threat projections and to capture the intelligence sensitivity of a particular development program. Threat assessments, extending from the current risk out beyond 20 years, include production of System Threat Assessments and System Threat Assessment Reports. Programs also must be analyzed for intelligence sensitivity to determine if they require intelligence data during development or to perform their mission, or require the direct support of intelligence personnel or influence intelligence data at any point in the [planning and direction; collection; processing and exploitation; analysis and production; and dissemination](#) cycle. An Intelligence Supportability Analysis will be developed for intelligence sensitive systems.

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