

IBCS enables revolutionary and battle survivable "any-sensor, best-effector" operations by: fusing information from multiple, disparate sensors to create a **single integrated air picture**; and, employing all available effectors to defeat advancing threats.



DYNAMIC DEFENSE

IBCS delivers an unprecedented integrated defense design capability to enable real-time command and control of the battlespace



MULTIDOMAIN

IBCS creates an integrated network across cyber, land, airborne, maritime, and space assets and domains



WARFIGHTER CENTRIC

IBCS incorporates warfighter feedback on user-friendly displays, intuitive commands and streamlined, easy-to-learn operations



INTEROPERABLE

The state-of-the-art IBCS unlocks fuller potential of joint operations by facilitating greater interoperability with U.S. and coalition forces



AFFORDABLE

IBCS facilitates cost-effective integration of sensors and effectors to enable a component-based acquisition approach and utilizes a common warfighter interface to reduce the training burden



OPEN

IBCS' open, modular architecture enables rapid and affordable integration of sensors and effectors to keep pace as threats evolve



FLEXIBLE

IBCS enables expanded sensor and effector combinations and more flexible, tailored defense designs



NETWORK ENABLED

Because all assets are networked, IBCS delivers next-level targeting accuracy as well as better combat identification of friends or foes on the battlefield



SECURE

Cyber resiliency is woven into all layers of IBCS to ensure system integrity and mission safety



SURVIVABILITY

IBCS delivers resilient, redundant battlefield survivability by networking with all available systems and eliminating single points of failure



INNOVATIVE

IBCS continually incorporates new innovations such as 'Silicon Valley-style' User Experience and Agile Development processes



NON PROPRIETARY

The Government has been granted unlimited rights to the system and all of its interfaces, delivering greater affordability and flexibility

Approved for Public Release; Distribution is Unlimited; #19-1971; Dated 10/09/19; PAO Authorization AMCOM-2019-178R

IBCS At a Glance

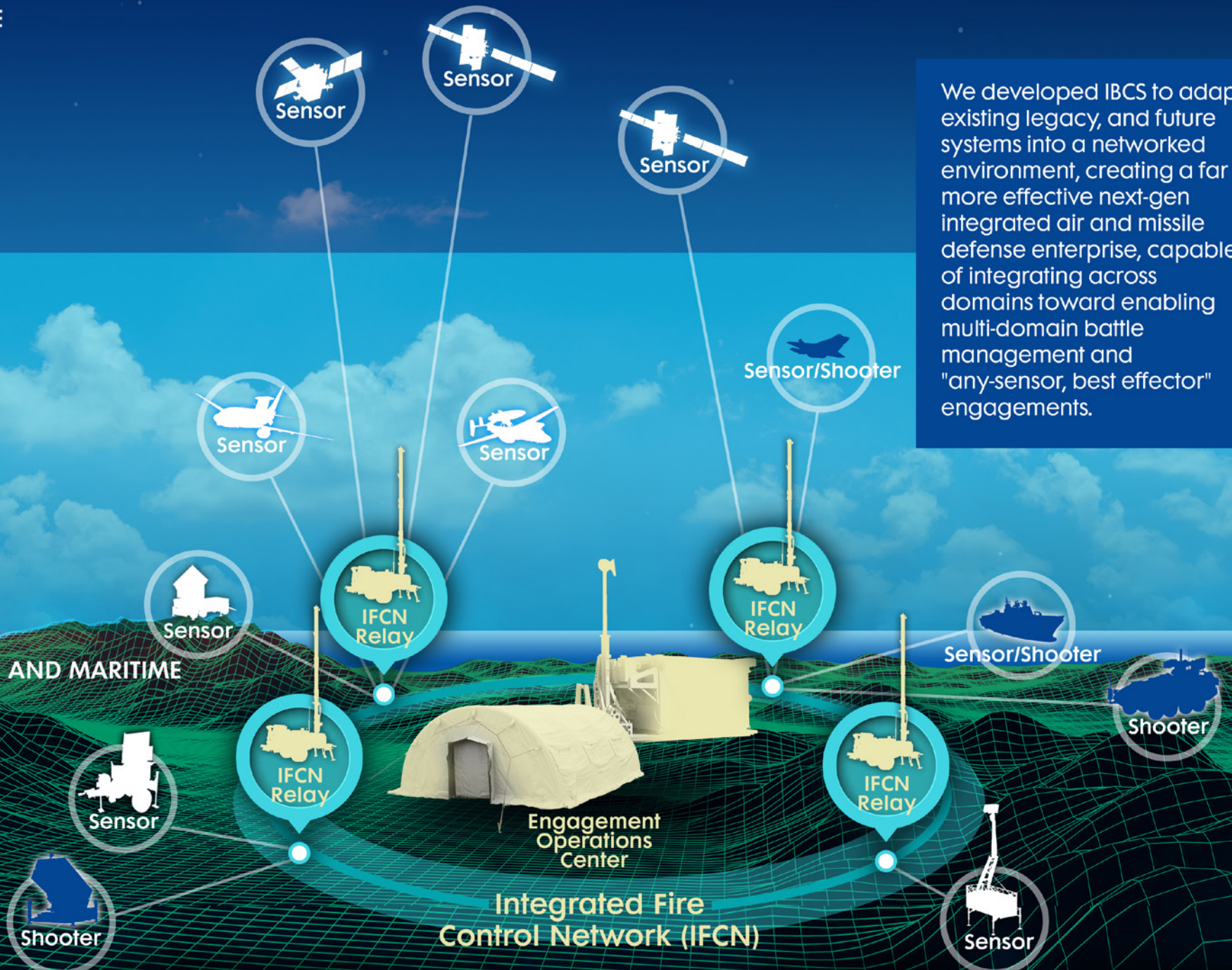
SPACE

AIR

CYBER

LAND AND MARITIME

We developed IBCS to adapt existing legacy, and future systems into a networked environment, creating a far more effective next-gen integrated air and missile defense enterprise, capable of integrating across domains toward enabling multi-domain battle management and "any-sensor, best effector" engagements.



Approved for Public Release; Distribution is Unlimited; #19-1971; Dated 10/09/19; PAO Authorization AMCOM-2019-178R

IBCS Milestones to Fielding

Aug 2010 – Delivered first prototype

Sep 2011 – Single air picture with joint sensors

Sep 2013 – Patriot missile and Sentinel radar integration

May 2015-2016 – Flight test 1-3: Engagement on composite track and successful simultaneous intercepts of ballistic and cruise missiles

Mar 2019 – Delivered first production-representative Engagement Operations Center

Jan-Jul 2018 – Successful networking, multi-node and live air tests

Aug-Oct 2017 – Soldiers conduct multiple successful IBCS-hands-on events

Aug 2019 – Flight test 4: Intercept of cruise missile at long range with Patriot, Sentinel, and PAC-3 interceptor

Dec 2019 – Flight test 5: Simultaneous intercept of two cruise missiles and interoperability with USMC TPS-59 radar and F-35 sensors

3rd QTR CY 2020 Limited User Test

3rd QTR CY 2020 Milestone C

2nd QTR CY 2022 Initial Operating Capability