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 on mission-oriented integrated defense architecture capability to enable seamless command and control of the battlespace.

**MULTIDOMAIN**
- IBCS creates an integrated network across cyber, land, airborne, littoral, and space systems and domains.

**WARRIOR-CENTRIC**
- IBCS incorporates warfighter feedbacks on warfighter effectiveness, battle commands and streamlines, easy-to-learn operations.

**INTEROPERABLE**
- The data of the IBCS network is federated so that all organizations operate together seamlessly.

**AFFORDABLE**
- IBCS has cost-effective integration of sensors and effectors and leverages technology-acquisition approach and utilizing a common architecture to reduce the training burden.

**OPEN**
- IBCS does, modular architecture enables rapid and affordable integration of sensor and effectors to keep pace with threats.

**FLEXIBLE**
- IBCS enables expanded sensor and effector combinations and more flexible, tailored defense design.

**NETWORK ENABLED**
- Because all assets are networked, IBCS delivers unprecedented targeting accuracy as well as better control as well as more effective mission enablement of friendly or foe on the battlefield.

**SECURE**
- IBCS enables secure all-ways communication by networking with all available systems and establishing single points of failure.

**SURVIVABLE**
- IBCS ensures robust survivability by networking all available systems and eliminating single points of failure.

**INNOVATIVE**
- IBCS continuously incorporates new innovations such as "designer" sensor and data exchange and agile development processes.

**NON PROPRIETARY**
- The Government has been granted unlimited rights in the source code of its software, ensuring greater affordability and sustainability.

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**IBCS at a Glance**

**SPACE**

**AIR**

**CYBER**

**LAND AND MARITIME**

**Integrated Fire Control Network (IFCN)**

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**IBCS Milestones to Fielding**

**Aug 2010** – Delivered first prototype

**Aug 2017** – Flight test of complete IBCS Phase II live fire experiment, IBCS Link, and IBCS integration

**Sep 2011** – Single air picture with joint sensors

**Dec 2019** – Live fire test of two launches of two missiles and interoperability with Joint Strike and IAFs 35 sensors

**Sep 2013** – Patriot missile and Sentinel radar integration

**Jan-Jul 2018** – Successful co-targeting, multi-role and two live fires

**Mar 2019** – Delivered first production of Engagement Operations Center

**2012** – Demonstrated multiple successful IBCS hands-on events

**2020** – Milestone C

**2022** – IBCS Deploymen Capacity

**May 2012-2016** – Flight test of integrated sensor and successful simultaneous engagements of manned and cruise missiles

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**Northrop Grumman**