



VOLUME 3 COMMAND

**CROSS-DOMAIN INTEGRATION**

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- Military operations take place in and through the air, land, maritime, space, and cyberspace domains and the [information environment](#).
- Control of one domain, particularly land, can secure success of a military operation, but control of, or influence through more than one domain usually helps achieve continuing advantage more effectively and efficiently.
- **The Air Force exploits advantages in the air, space, and cyberspace domains to achieve [joint force commander](#) (JFC) and national objectives in all domains and the information environment.**
- These functions can be conducted independently from land and maritime operations or can complement, support, or be supported by, land and maritime operations.
- [Air superiority](#) is normally a desired state *before all other combat operations*. Air superiority—and [air supremacy](#), when required—helps provide both the freedom to attack and freedom from attack, as well as enhancing freedom to maneuver. Operating without air superiority or supremacy radically increases risk to surface and air operations.
- [Space superiority](#) is important in maintaining unique advantages in precision applications, global [command and control](#) (C2), situational awareness and understanding, and operational reach.
- [Cyberspace](#) operations are also vital for maintaining advantages in *all* domains.
- *For the complete discussion of this topic, [click here](#).*