

Air Force Communications Agency

Integrity - Service - Excellence

AF IPv6 Transition



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AFCA
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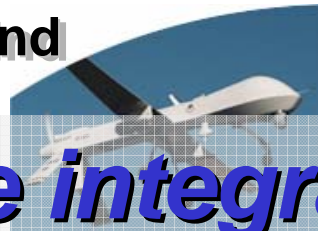
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AFCA's Mission



Find



Fix

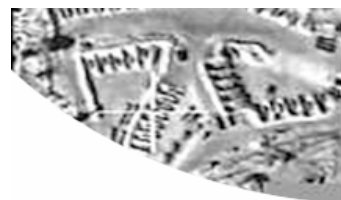


“Direct the integration of systems into the Air Force network to achieve integrated and interoperable Air Force CONOPS capabilities”

Engage



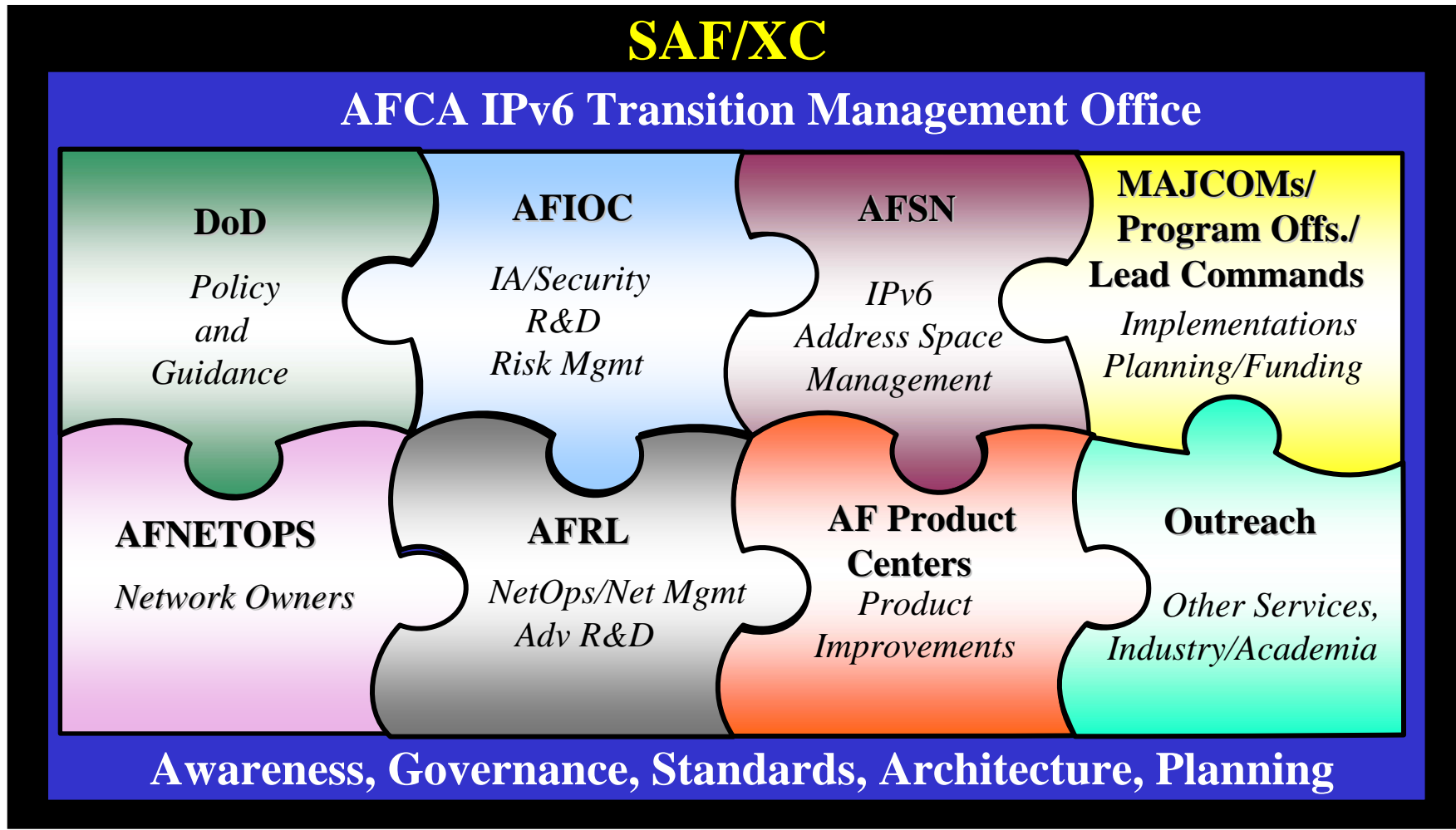
Target



Reduce the latency in the kill chain



AFCA IPv6 TMO Context



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IPv6 Operational Impacts



AF networks of the future will be:

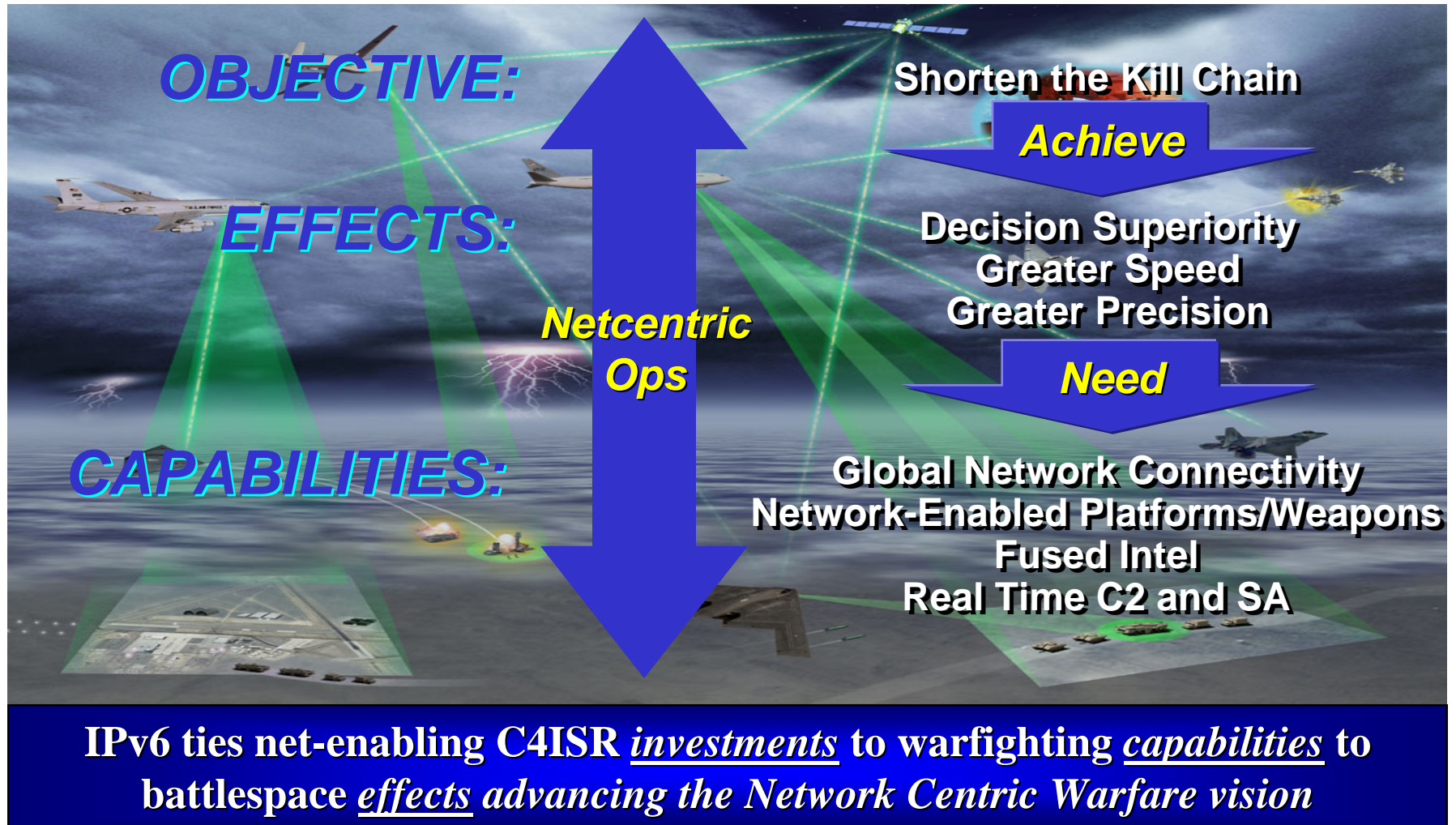
- Ad-hoc (assembled on the fly) conducive to agile warfighter
- Self-forming -- able to discover other members of the network and any available resources for information sharing, targeting, weapons deployment
- IPv6 capabilities shortens kill chain (F2T2EA)
 - Sensor-to-Shooter Network Dynamically Forms to Enable M-2-M Communications



IPv6 Enables These Future Networks!



Why Transition to IPv6?



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