

# *Building the Foundation for Transformation: Net-Centric Operations and IPv6*

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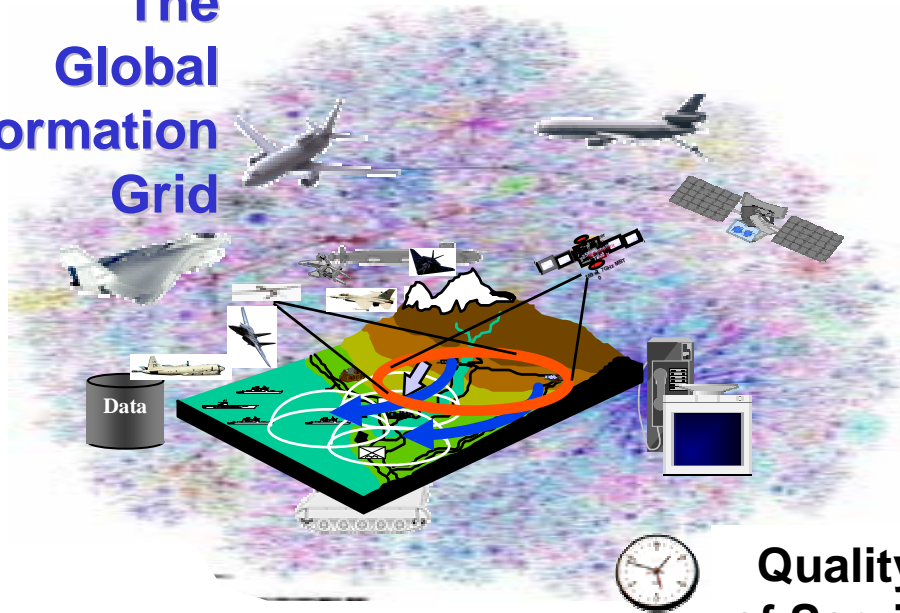


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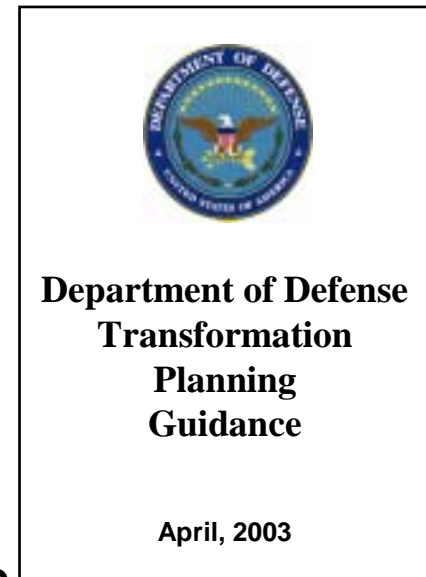
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# Defense Transformation and Net-Centric Operations

The  
Global  
Information  
Grid



Quality  
of Service



“... adopt ‘post before process’ intelligence and information concepts, achieve data level Interoperability; and **deployment of “net-ready” nodes of platforms, weapons and forces.**”



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# Generation Of New Content & Applications

## Exploding Sources of Content

- Significant near term investments in UAVs for Surveillance and Reconnaissance
- New generation of space based collectors
- Digitized Forces
- Open Sources



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## A New Generation of Applications

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- “Horizontal” sense making
- Cross domain information sharing
- Performance support in an ambiguous environment
- Advanced visualization



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## Increased Use of Reachback and Virtual Presence



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# DOD IPv6 Implementation Direction

**Reenergize our role as an early adopter  
of commercial IT products**

**Accelerate the availability of  
IPv6 capable security products**

**Address Enterprise issues early via  
large scale pilots**

**Execute an aggressive but thoughtful  
end to end transition**



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# Where We Are Going



***“The two truly transforming things might be in information technology and information operation and networking... connecting things in ways that they function totally differently than they had previously.”***

***And if that’s possible...then possibly the single most transforming thing in our force will not be a weapon system, but a set of interconnections and a substantially enhanced capability because of that awareness.”***



*Power to the Edge* ^~~~~~