



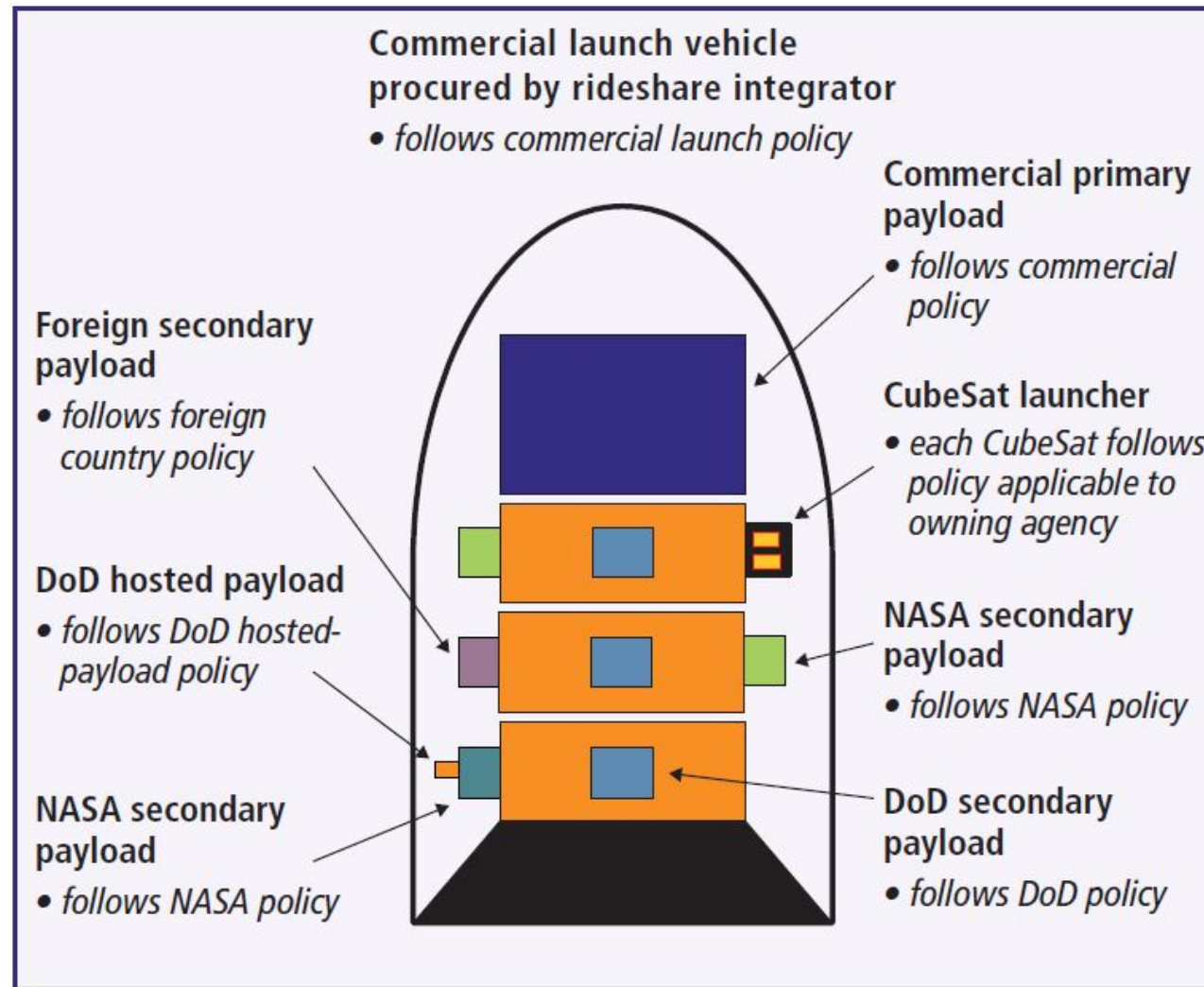
# What Do the Latest Space Policies and Regulations Mean for Small Sat Operators?

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The Aerospace Corporation*

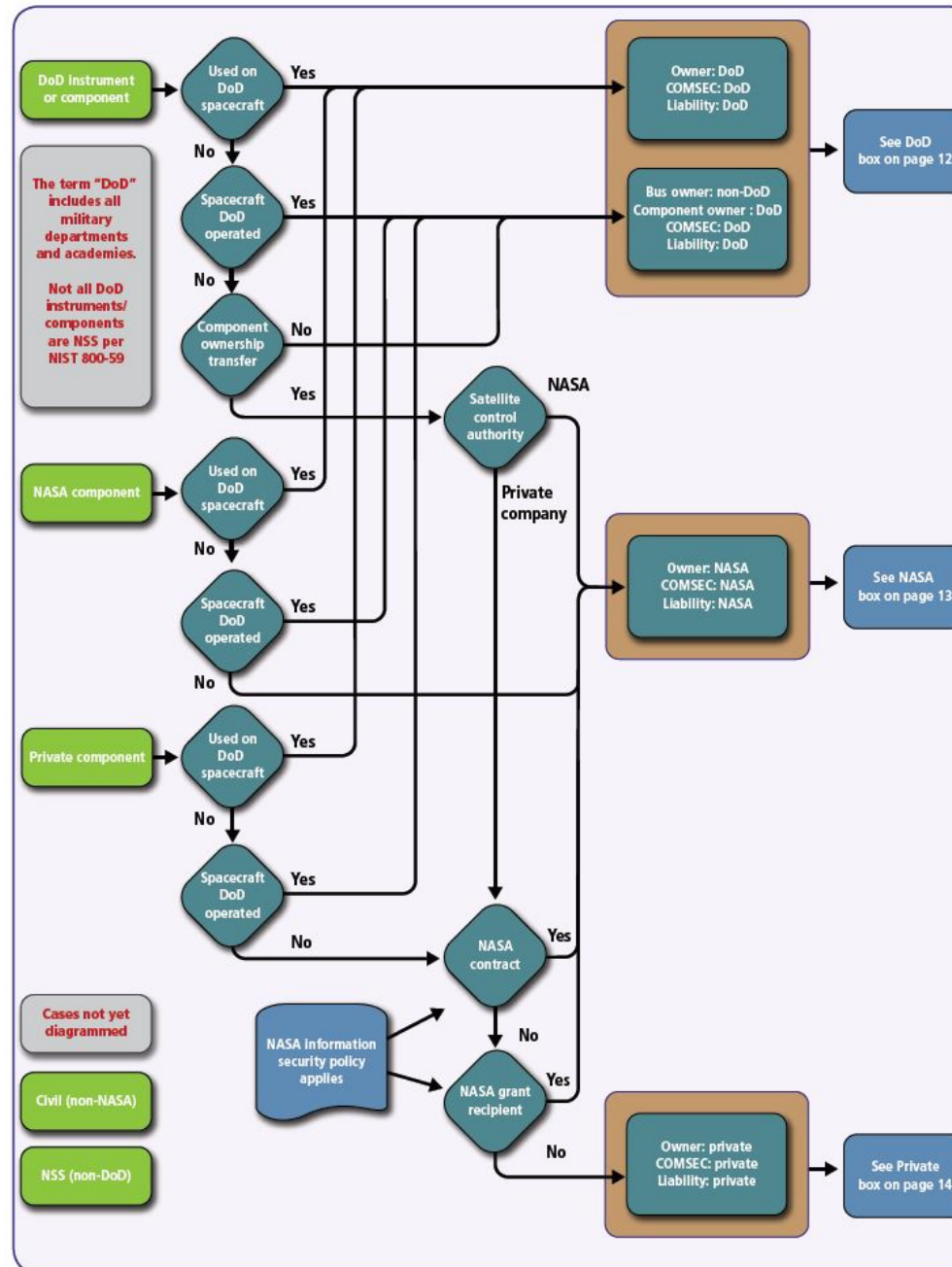
*August 6, 2018*

# What policy do you follow?



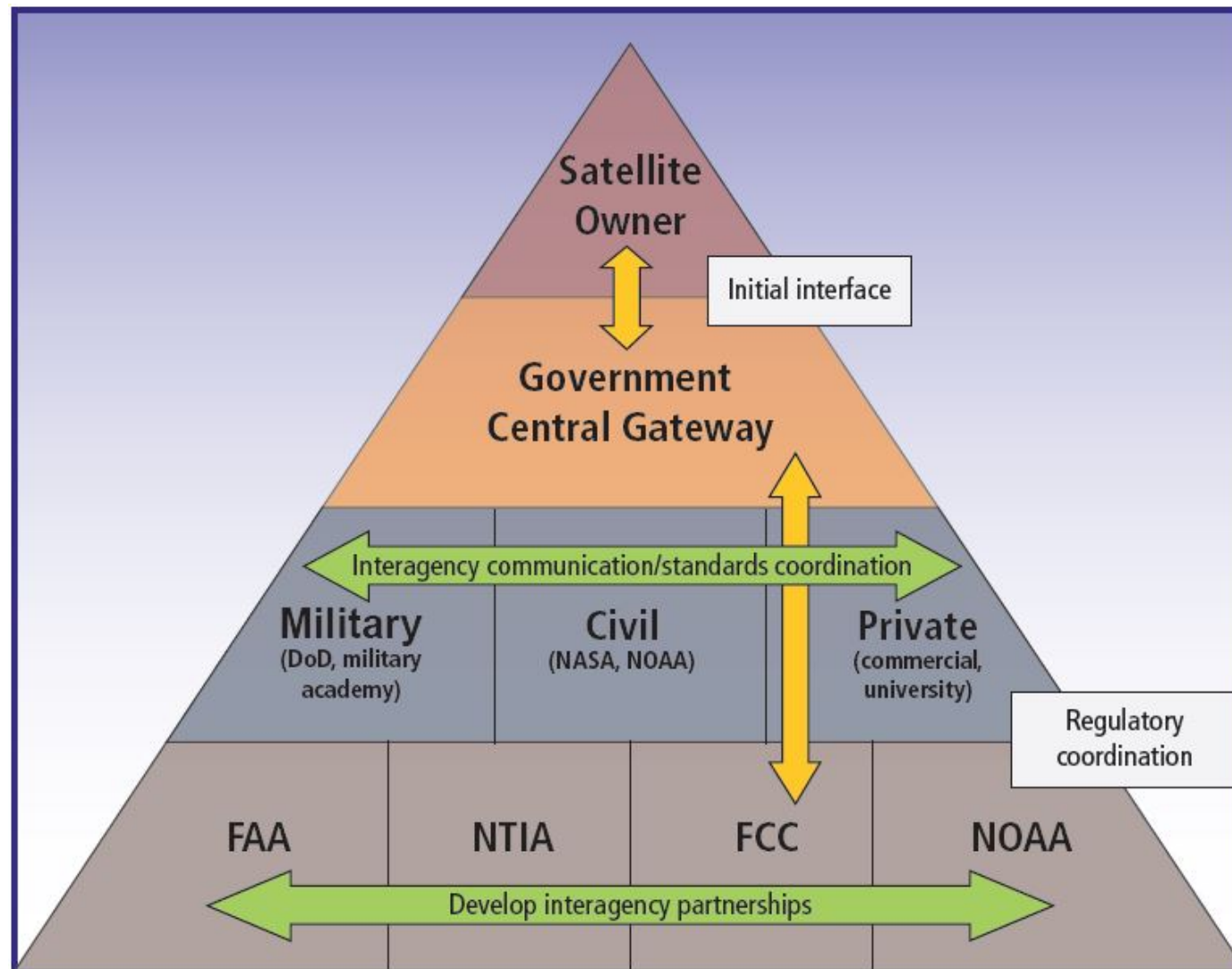
From *Navigating the Policy Compliance Roadmap for Small Satellites* —  
[aerospace.org/policy](http://aerospace.org/policy)

# Who owns and is liable for what?



From *Navigating the Policy Compliance Roadmap for Small Satellites* — [aerospace.org/policy](http://aerospace.org/policy)

# How might a policy gateway work?



From *Navigating the Policy Compliance Roadmap for Small Satellites* —  
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# ***Space Policy Directive-2***

## *Streamlining Regulations on Commercial Use of Space*

### **General objectives**

- Promote economic growth
- Minimize uncertainty for taxpayers, investors, and private industry
- Protect national security, public safety, and foreign policy interests
- Encourage American leadership in space commerce

### **Topics addressed**

- Launch & re-entry licensing
- Commercial remote sensing regulations
- One-stop shop for commercial space
- RF spectrum regulation
- Export licensing regulation



# ***Space Policy Directive-3***

## ***Consolidating and Improving Space Traffic Management (STM)***

### **General Objectives**

- Develop a new approach to STM
- Enhance safety
- Ensure continued U.S. leadership, preeminence, and freedom of action in space

### **Topics addressed**

- SSA & STM research
- Orbital debris mitigation
- Provision of basic SSA & STM services
- SSA interoperability & data sharing
- STM standards & best practices
- Radio frequency interference prevention
- Improvement of U.S. space object registry
- Development of policies and regulations for orbital operations



# Unresolved questions

*What still needs to be addressed?*

- Licensing of non-traditional space activities
  - *Assigned to Dept. of Commerce, but how will it be implemented?*
- Orbital debris mitigation revisions
  - *Will end-of-life guidelines, particularly the 25-year rule, change?*
- What new requirements will emerge from development of space traffic standards and best practices?
  - *Active & passive tracking aids?*
  - *New requirements for reporting maneuvers?*
  - *Deconfliction and other operational requirements?*



# ***Listening session***

What would you like to talk about?