



# ***Space Situational Awareness (SSA) Sharing Update***

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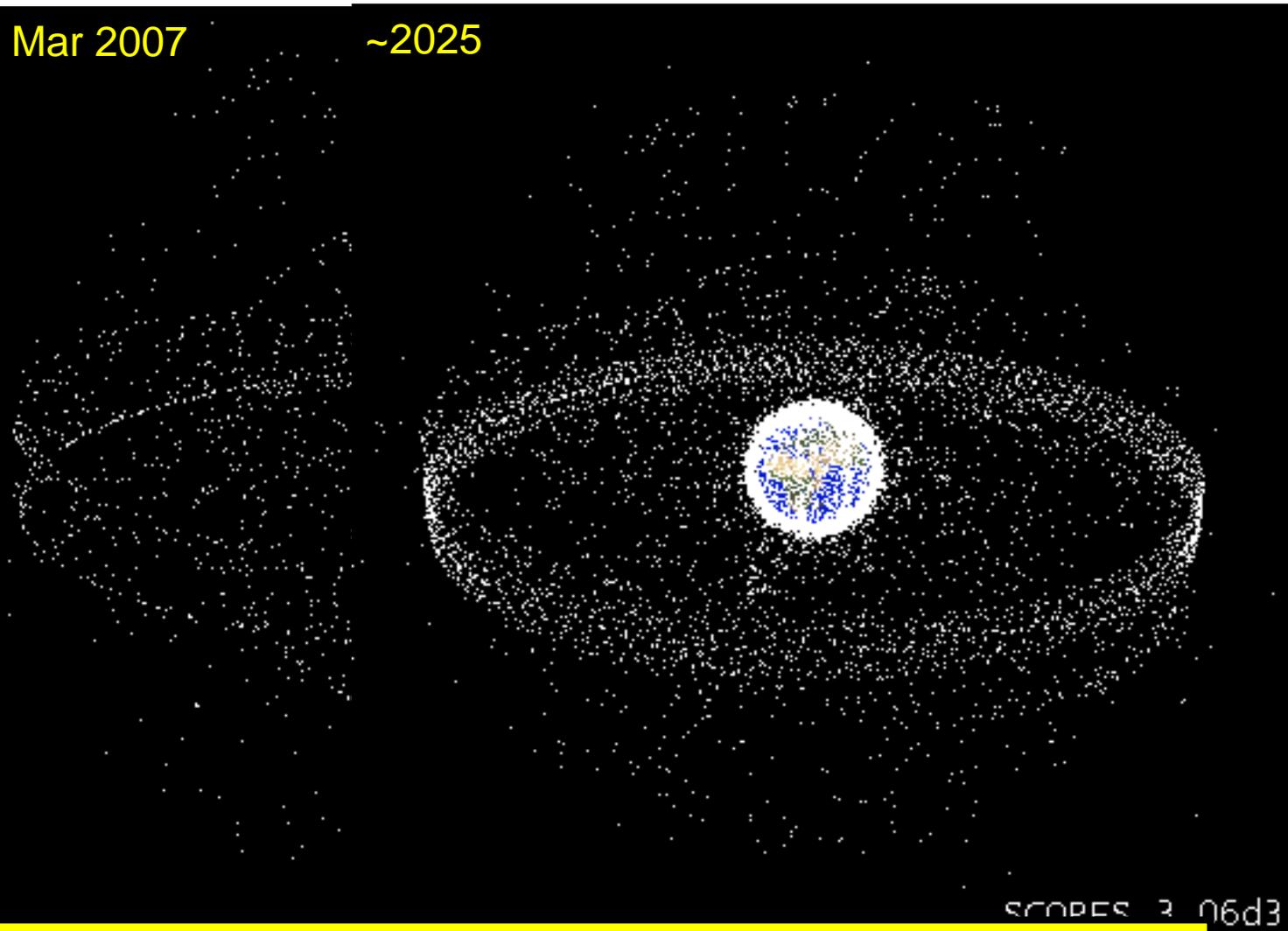


# The Space Environment

~1957-61

Mar 2007

~2025



Evolution from few, military only assets to many, multi-agency, civil assets



# Joint Space Operations Center





# U.S. Space Surveillance Network



- Tracking Radar
- Detection Radar
- Imaging Radar
- Optical Telescope
- SSN Command & Control



## Space Track

*The Source for Space Surveillance Data*

### Welcome to Space-Track

There are currently 74947582 TLE in the database  
Last Update: Tue Jan 19 21:28:39 2010 GMT

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# Publicly Available Information

## Space Track The Source for Space Surveillance Data

### Welcome to Space-Track leederg

There are currently 74947589 TLE in the database  
Last Update: Tue Jan 19 21:46:16 2010 GMT

### Two Line Element Set (TLE) Data

- [Retrieve TLE Data by Satellite ID Number](#)
- [Bulk Catalog Data Downloads](#)
- [TLE Format Description](#)

### Satellite Catalog (SATCAT) Data

- [Satellite Box Score](#)
- [Search by Satellite Common Name](#)
- [Search by Satellite Catalog Number](#)
- [Search by Satellite Launch Date or International Designator](#)
- [Search by Satellite Decay Date](#)
- [Catalog Change Report: 7 Day 30 Day](#)
- [Catalog Change Query](#)
- [Geosynchronous Report](#)
- [Satellite Situation Report](#)

### Satellite Decay & Reentry Data

- [Recent Satellite Decays](#)
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## Space Track The Source for Space Surveillance Data

```

STS 129 (Decayed 2009-11-27)
1 36094U 09062A 09331.41207176 .00003528 00000-0 26524-4 0 388
2 36094 051.6461 188.1232 0009125 019.7127 353.5603 15.75817918 1688

```

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# Questions



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