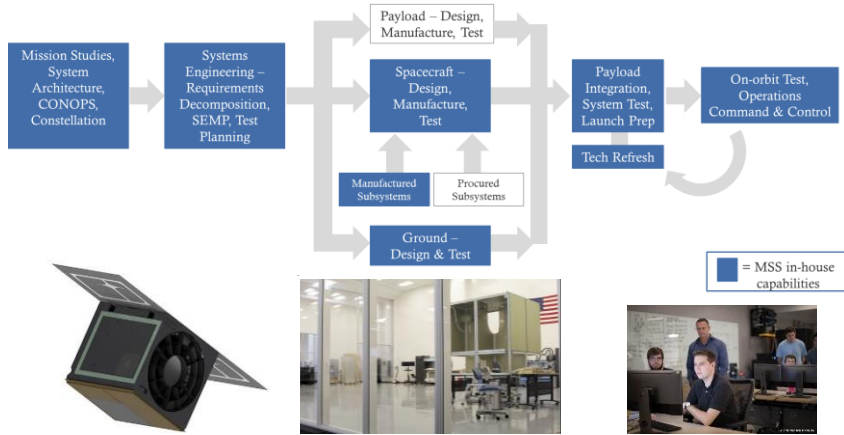


## Vertically Integrated, End-to-end Spacecraft Mission Prime System Integrator





## Heritage / Schedule Information:

- Flight heritage AQUILA-M1 spacecraft launched on 06 Feb 2011 hosting multiple payloads
- Flight heritage ALTAIR Pathfinder spacecraft commercially deployed off of ISS on 17 May 2017 hosting numerous technology components
- Space-qualified AQUILA-M8 spacecraft manifested on 2020 launch, dedicated payload
- Several more ALTAIR follow-on spacecraft with planned launches in 2018 through 2020
- Several RWA-1000s and processors on-orbit

## Organization Information:

- Jason Kim, Vice President of Strategic Planning
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- Website: [www.millennium-space.com](http://www.millennium-space.com)
- Location: El Segundo, CA (80,000 sq-ft factory)
- No. Employees: 220+ and growing
- Founded: in Nov 2001 (~17 years in business)
- Customers: DoD, IC, NASA, Commercial
- GSA Schedule: RWA-1000 and more to come

## Product / Service Information:

| <br>Spacecraft bus   | <br>Spacecraft bus  | RAPTOR<br>Spacecraft bus  | Products<br>Subsystems  |
|---|--|---|---|
| <ul style="list-style-type: none"> <li>• Longer life</li> <li>• Higher performance</li> <li>• Selective to full redundancy</li> <li>• Moderate to high power</li> <li>• Small to medium launch rideshare</li> </ul> | <ul style="list-style-type: none"> <li>• Shorter life</li> <li>• High performance, tech refresh</li> <li>• &lt;ESPA class</li> <li>• Single string, selective redundancy</li> <li>• Small to moderate power</li> </ul> | <ul style="list-style-type: none"> <li>• Miniaturized cutting edge technology in 6U to 12U compact form factor</li> <li>• 100s of space vehicles launched off dedicated or rideshare</li> </ul> | <ul style="list-style-type: none"> <li>• RWAs &amp; CMGs</li> <li>• Star trackers</li> <li>• Batteries</li> <li>• IMUs</li> <li>• Software Defined Radios</li> <li>• Antennas</li> <li>• Processors</li> <li>• SADAs</li> <li>• And more</li> </ul> |

<sup>†</sup>In addition to spacecraft bus and subsystems products, we provide SEIT, rapid prototyping, launch integration, launch support, and mission operations services