Role of the PMO’s Software Division

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Space Radar
Integrated Program Office
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Software Talent

- Past acquisition program difficulties in acquiring software intensive-systems have led to the innovative formation of a Division-level software office in the Space Radar Program that directly advises the SPD and supports traditional PMO functions.

Diagram:

- System Program Director (SPD)
  - Software Acquisition Management Division Chief
    - Software Engineers
    - Software Architect
    - Software Analysts
  - Systems Engineering Division Chief
  - Space Vehicle Division Chief
  - Etc.

Day to day support and expertise
Matrix managed Software Personnel

- The **Software Acquisition Management Division** ensures sufficient support to all areas of the program
  - Product Engineering and Systems Engineering
  - Program Control and Cost Estimating
  - Contracting and Acquisition Management
  - Security and Information Assurance
- Software Division Chief works directly on program boards and interfaces with senior leaders to promote a healthy software acquisition
- Software Division Staff members take day to day taskings from the supported divisions
  - Coordinate actions internally to ensure an aligned acquisition
  - Raise issues that cannot be resolved in one division to the Software Division Chief to address
Why Matrix Software?

- Matrix management of small software team critical
- Aids in career development of Air Force software professionals
- Provides for horizontal integration of software approaches and products to ensure system-of-system/family-of-systems modeling
- **Ensures a Single Integrated View** of the large software development
- Small team ensure that focus remains on products/capability development and that software personnel are familiar with all aspects of the program