



# Modular Open Systems Architecture Payloads

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	Description
<p>The diagram illustrates an 'Open Architecture' payload system. At the top left, a 'Tactical Operations Center' displays an 'Exploitation Call' interface. An aircraft is shown in flight, emitting a searchlight beam onto a ground station. The ground station is connected to a 'Multi-INT' (Multi-Intelligence) processing unit, which includes 'Storage', 'Processor', and 'COMMS' components. Various sensor heads are shown feeding into this unit. Labels include 'Requests for Information', 'High Altitude', 'Chipped Board and Text', 'FMV and Text', 'ROVER II or IV', and 'Ground Station'.</p>	<p><b>Primary:</b></p> <ul style="list-style-type: none"> <li>Delivering near-term, emerging technologies to enhance the capabilities for current military operations</li> <li>Improving the affordability of Defense operations</li> <li>Develop and demonstrate breakthrough technologies for future military capabilities Improvements to RPA airframes</li> <li><b>Customer:</b> ACC, AFSOC, DIA, JIEDO, JPAC, OGAs, etc.</li> <li><b>Contract Type:</b> TBD</li> <li><b>Program Type:</b> OSD RIF Program</li> <li><b>Number of Users:</b> TBD</li> </ul>
Project	RFP and POCs
<ul style="list-style-type: none"> <li><b>Objective:</b> Seeking innovative architecture designs that will support an open system multi-INT ISR airborne payload system that is aircraft agnostic and scalable to support various high and medium altitude ISR missions. The architecture will support features such as tipping, cueing, simultaneous fusion and plug-n-play of various sensor heads while using standard Interface Control Documents (if available) and common services/LRUs (e.g. central computer, storage, comm links, etc.). Will serve as an ISR backbone for future systems</li> <li><b>Acquisition Approach:</b> FY15 Rapid Innovation Funding (RIF)</li> <li><b>Timeframe:</b> 2 years following Contract Award (~Aug 15)</li> <li><b>Dollar Value:</b> &lt; \$3M</li> </ul>	<ul style="list-style-type: none"> <li><b>RFP:</b> SAF/AQR will release a Broad Area Announcement (BAA) o/a Aug 14</li> <li><b>POC(s):</b> <ul style="list-style-type: none"> <li><b>Program Manager:</b> AFLCMC/WINA, (937) 255-3575,</li> <li><b>Contracting Officer:</b> TBD</li> <li><b>Technical Lead:</b> AFLCMC/WINE. 937-255-0397</li> </ul> </li> </ul>