
Birds of a Feather

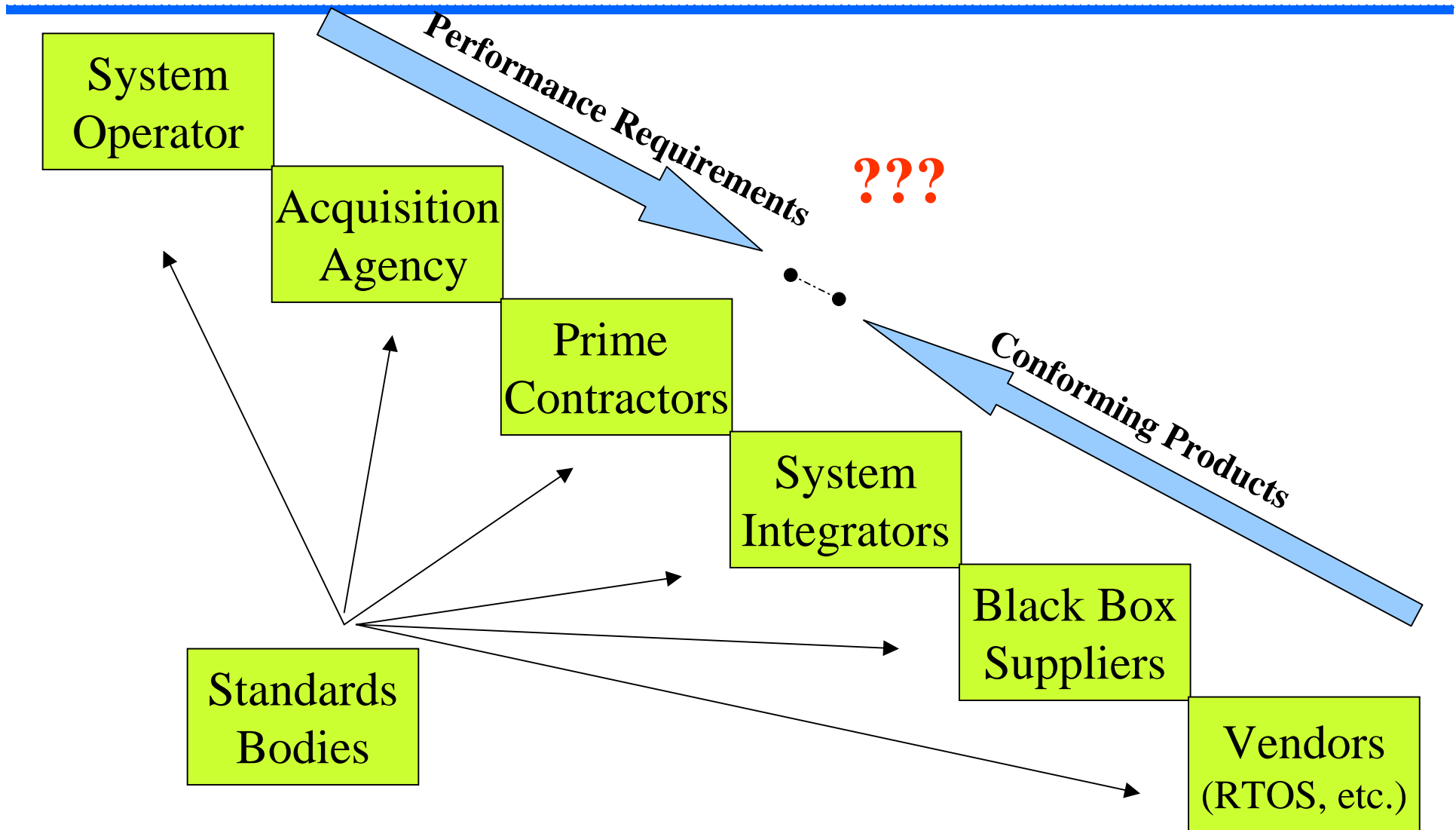
Real-Time and Embedded Systems Issues
for
Military Systems Acquisition

Agenda

- Acquisition Reform/Standards Enigma - Lt Col Logan
- Air Force Avionics Upgrade Planning - Charlie Hurst
- Real-Time Aerospace Application Program Interface Support (RAAPIS) - Minerva Rodriguez / Camilo Segura
- Multi-Platform Open Systems Transition (Boeing)
- Feedback

Acquisition Reform Enigma:

Ensuring Connectivity of Performance Requirements and Standards



Motivation for Open Systems Standards Initiatives

- **Influence Industry Consensus Standards Bodies to Address Critical **Unique** needs of weapon systems:**
 - **Lethality**
 - **Survivability and Fault Tolerance**
 - **Real-Time, Deterministic Performance**
 - **Harsh Environment**
 - **Security (Including Multi-level)**
 - **Safety**

Goal: Ensure building blocks for technical and system architectures are available for weapon system acquisitions.