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**MILS Demonstration
Presented to
The Open Group
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MILS Demonstration Participants

- Green Hills Software
 - INTEGRITY Workstation with Padded Cell™ for Windows
 - INTEGRITY Separation Kernel
- LinuxWorks
 - LynxSecure Separation Kernel
- Objective Interface Systems
 - PCSexpress™
- Raytheon Company
 - Sensor Planning Application
 - Sensor Images
- Wind River
 - VxWorks MILS Separation Kernel
 - Linux Workstation

MILS Workstation Demonstration Applications

TOP SECRET

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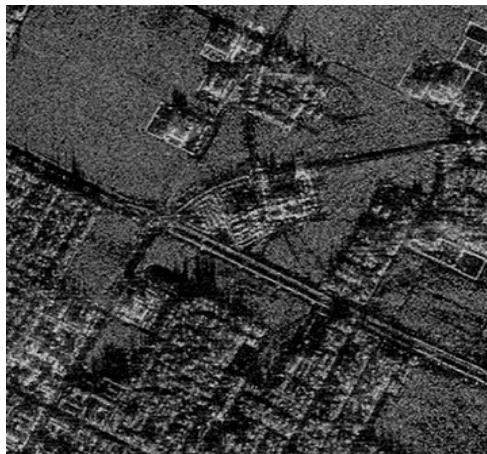
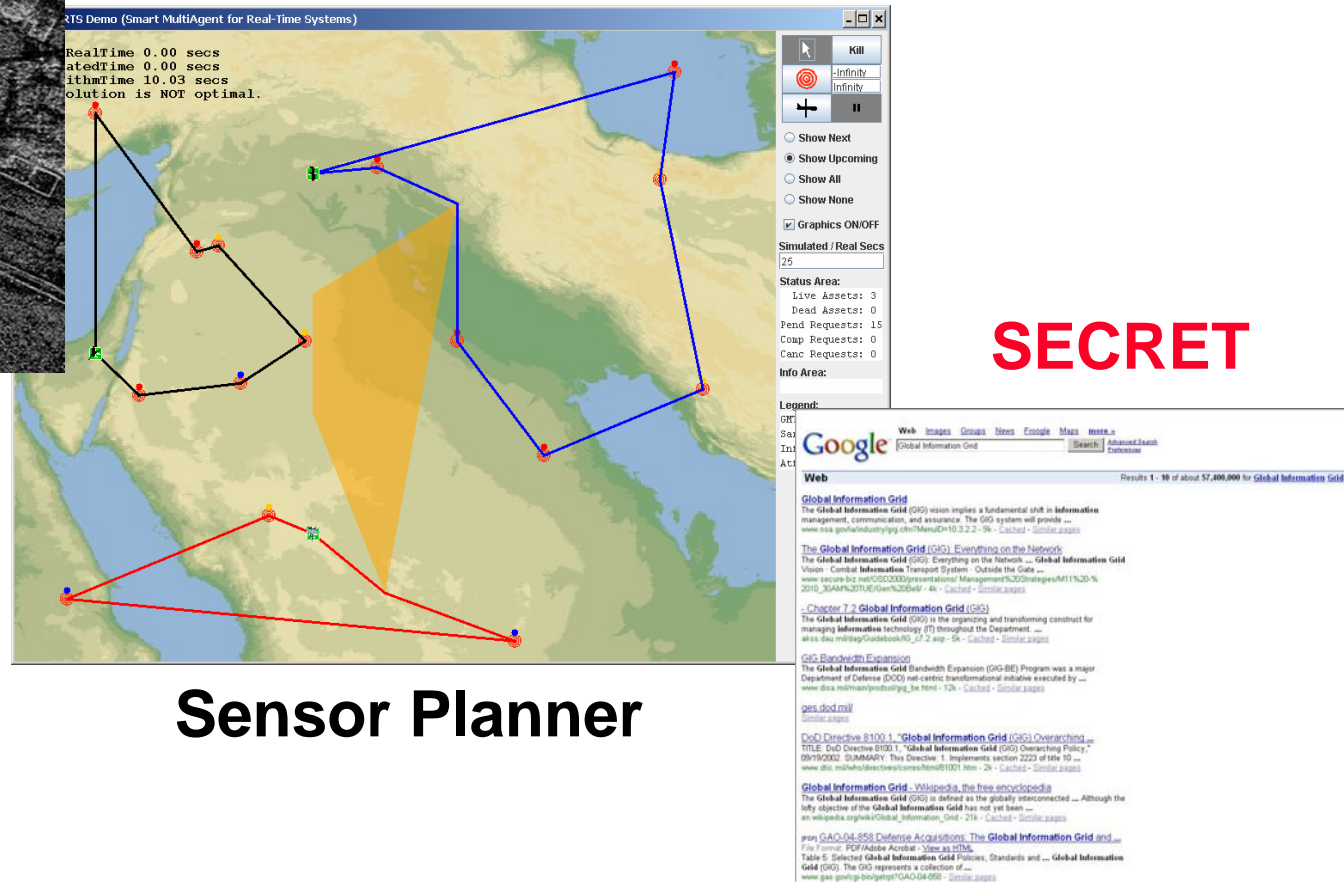


Image Viewer



Sensor Planner

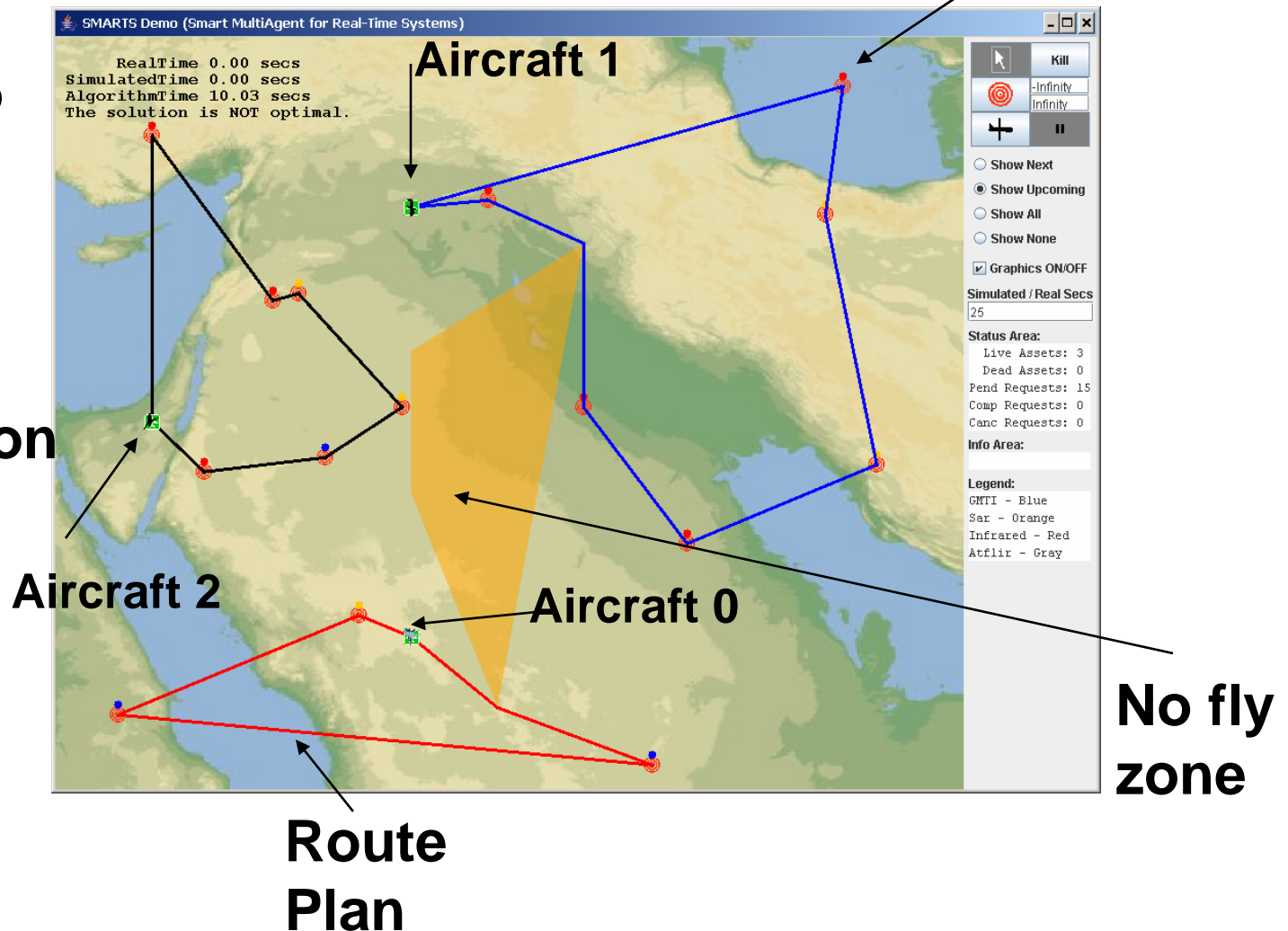
GIG Reachback

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Raytheon

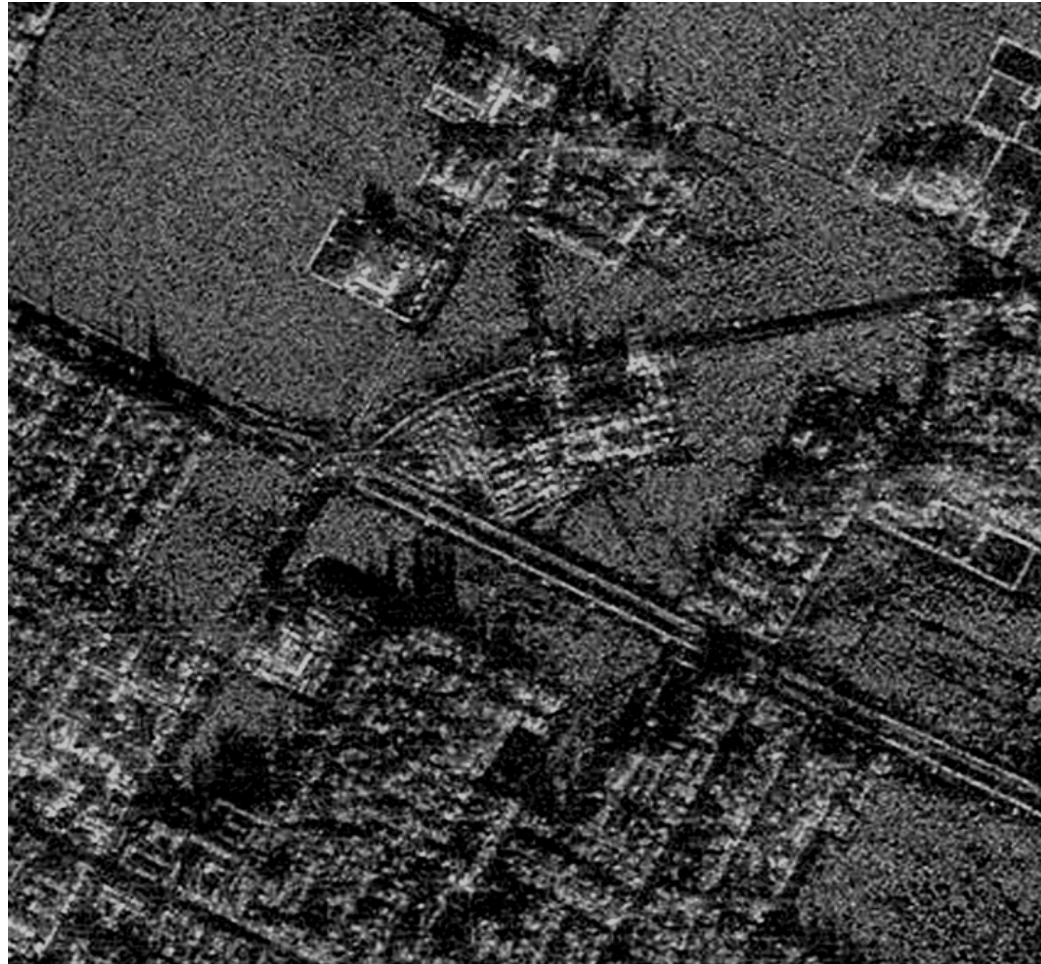
UNCLASSIFIED SECRET Sensor Planning Application

- Plan is sent to each aircraft.
- Each aircraft periodically reports status.
- Aircraft position is updated on display.



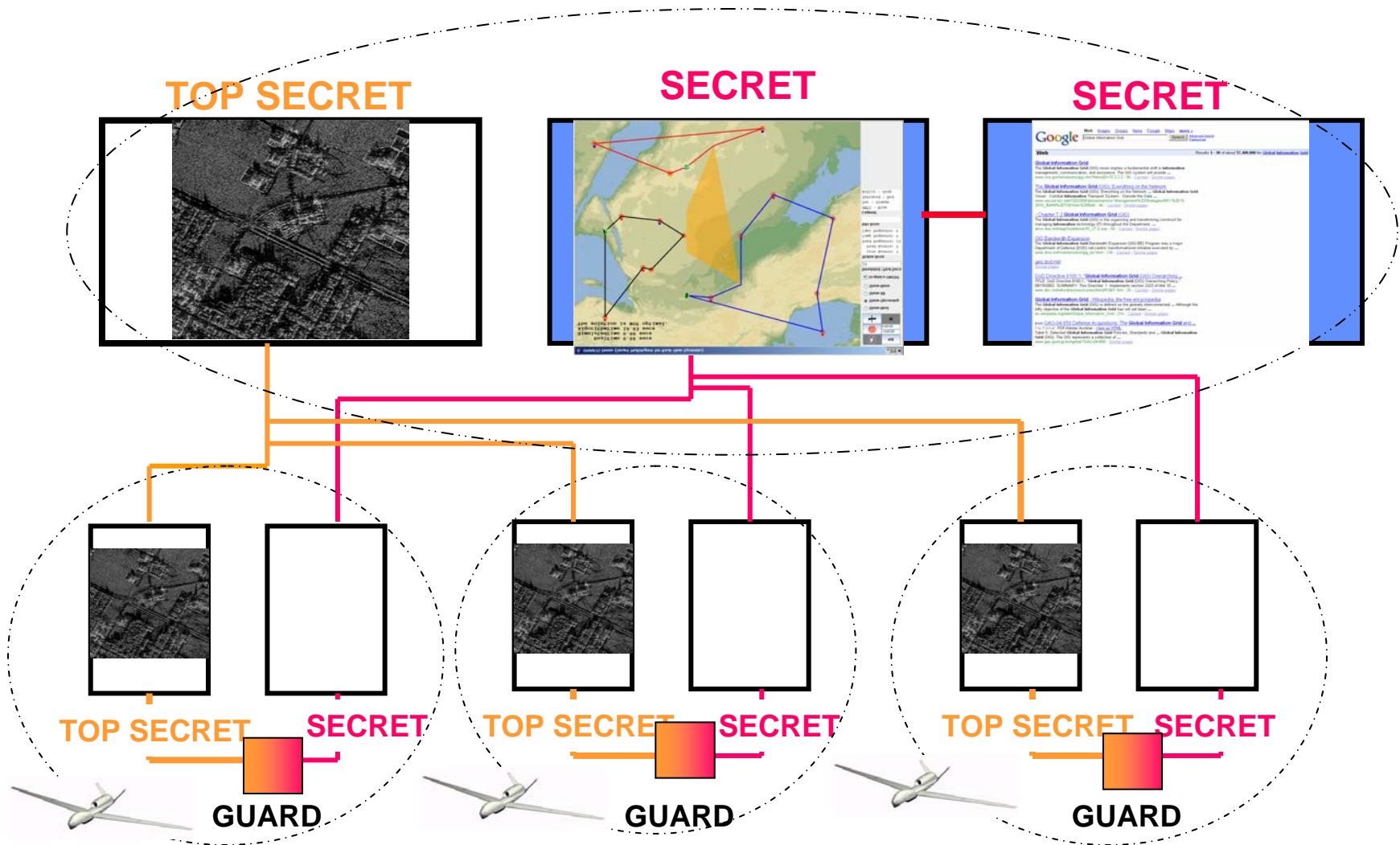
UNCLASSIFIED TOP SECRET Image Viewer

- Images are produced by embedded sensors.
- Sensors send images to Image Viewer.
- Image Viewer displays images.

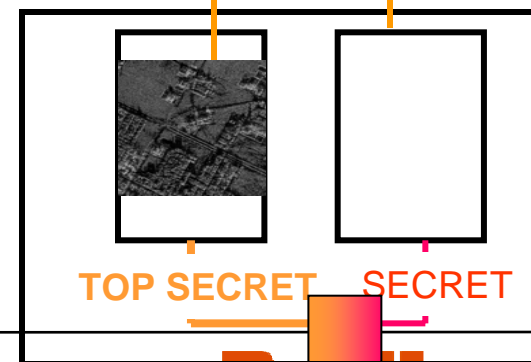
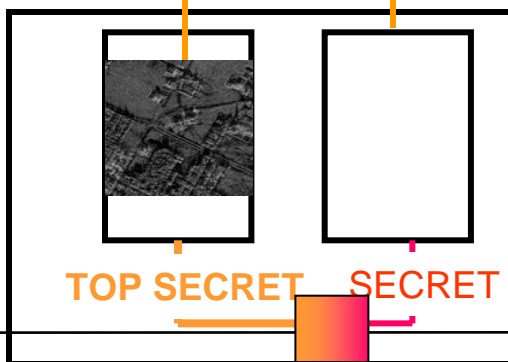
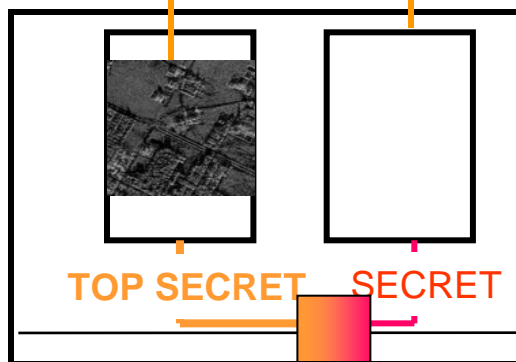
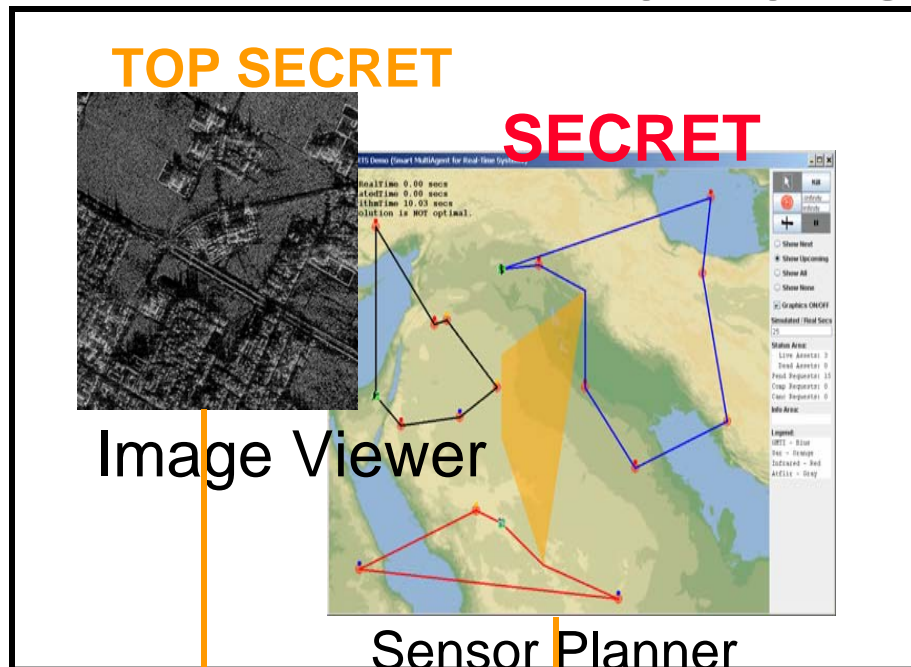


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Air Gap Architecture

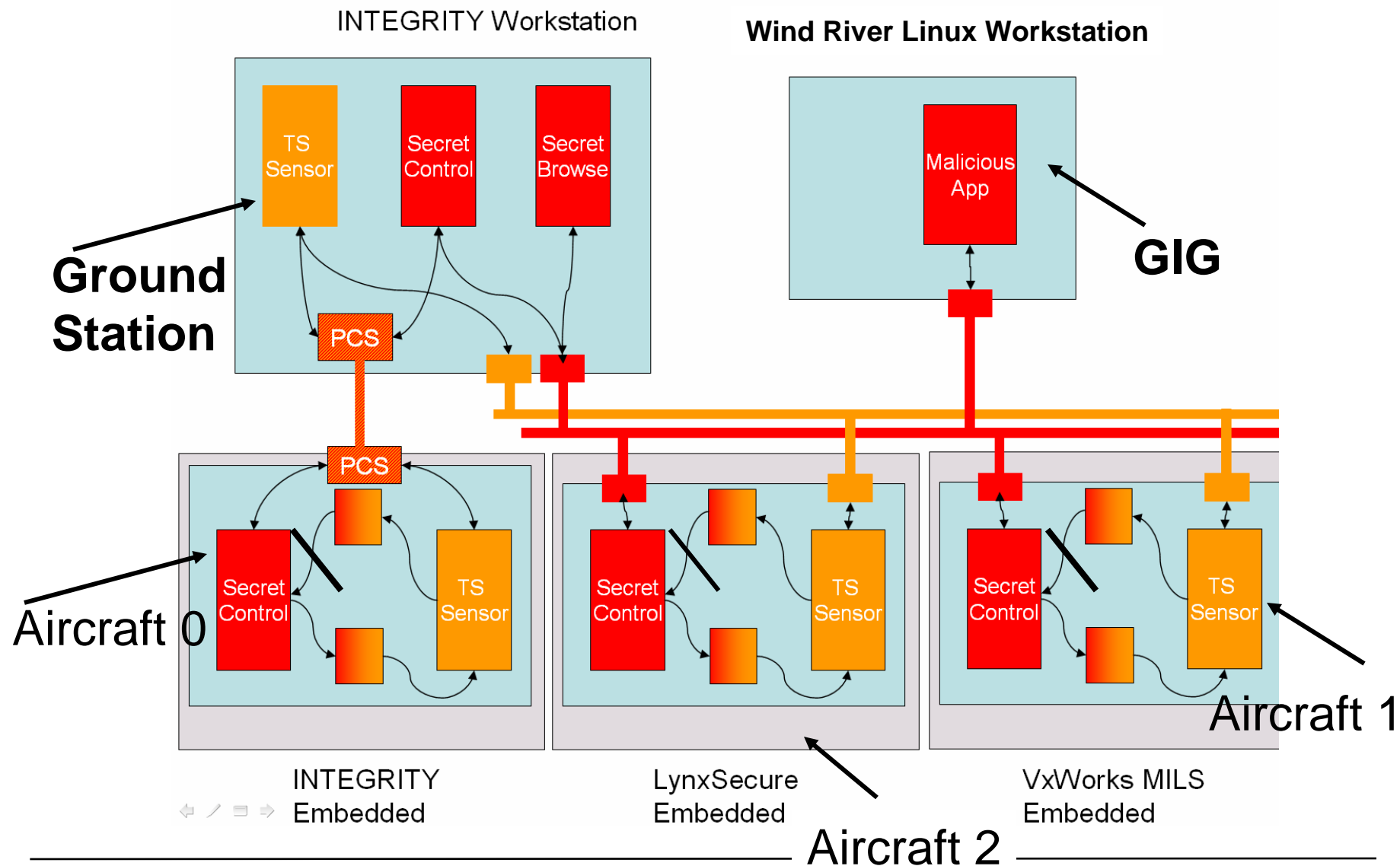


UNCLASSIFIED MILS PCS Reduces the Number of Networks



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MILS Demonstration Architecture



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