

Tux meets Radar O'Reilly

A Linux in Military Telecom Field Guide

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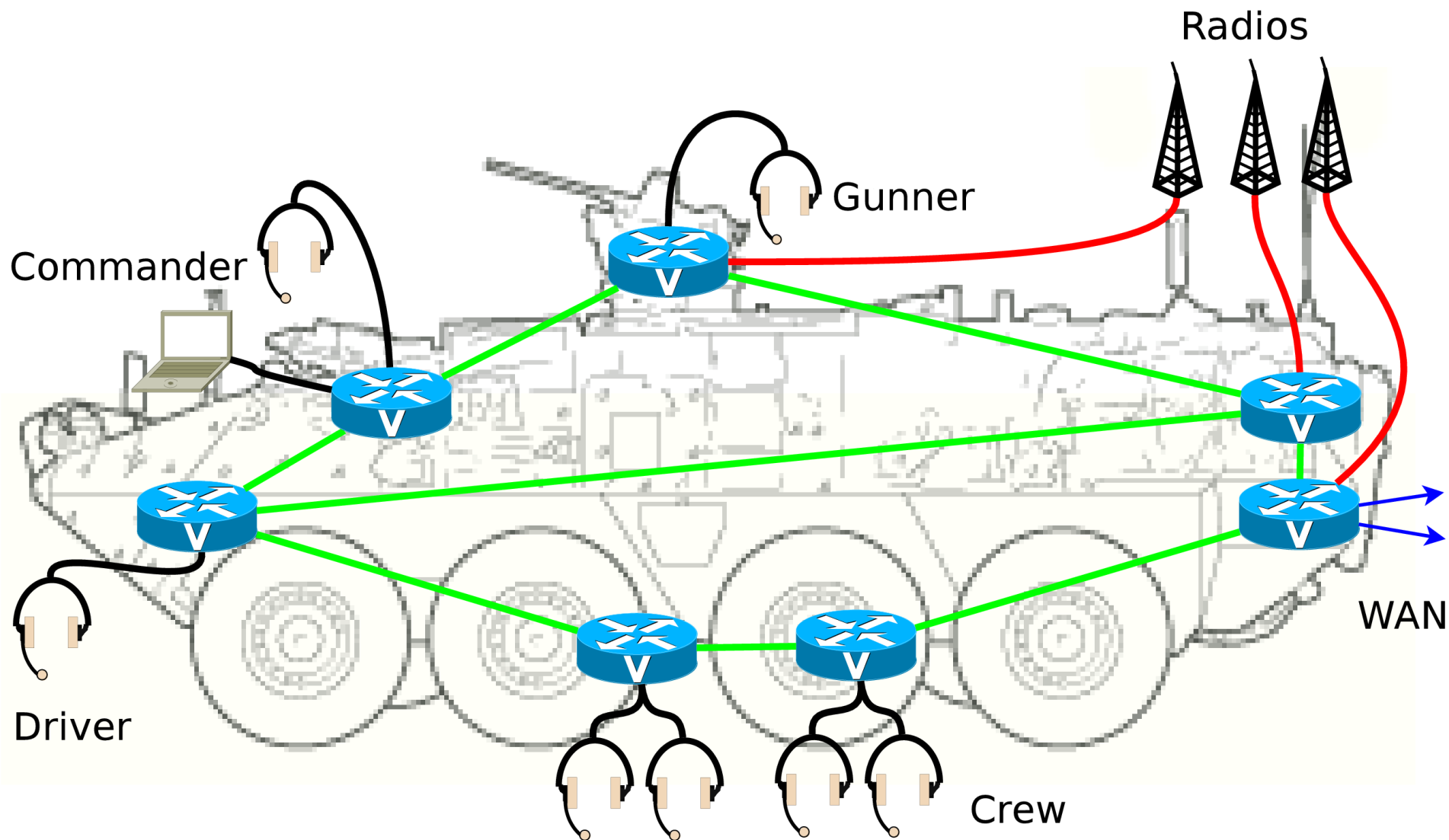
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- The problem: Reliable Communication
 - Specifically vehicle mounted
- The solution: System Engineering
- How does Open Source fit in?

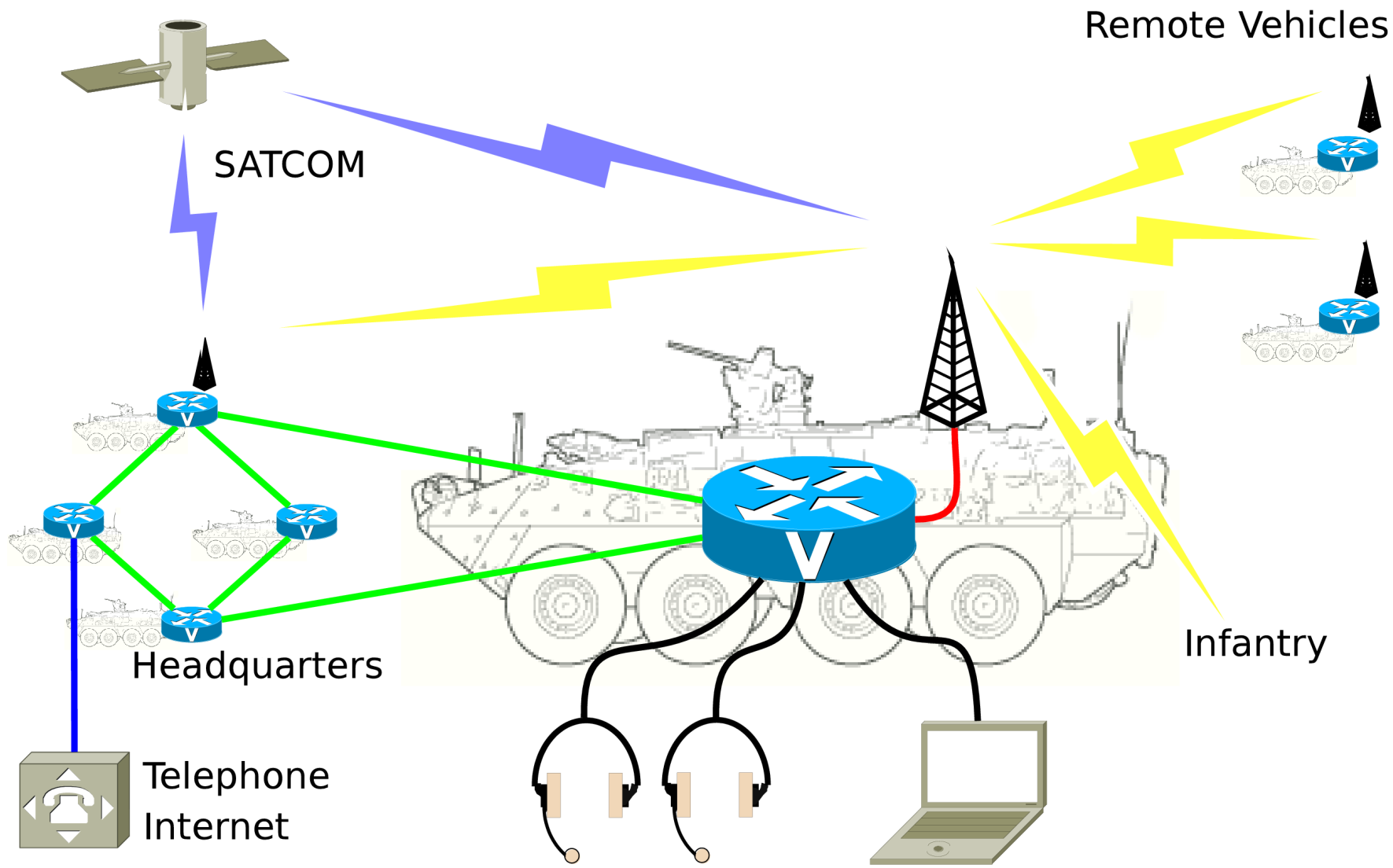
Customer Requirements

- Lots of services: audio, video, data, etc.
- Lots of bandwidth
- Fault tolerant
- Secure
- Auto configuration
- Simple to use
- Low cost

Vehicle Platform (totally fake)



Deployment (also fake)



The Hardware



System Design Issues

(and how Open Source can help)

- Open Architecture
- Managing Complexity
- Capability and Quality
- Maintenance
- Fault Tolerance
- User Interface

Lessons learned

- Nothing new under the sun...
- Untapped resources available: USE THEM!
- Choose vendors wisely
- Shift of effort