



Chief Software Architect - Secure Communication Division

- Supervising Architect for Selected Top Tier Projects
- Medium and Long Term Software Strategy
- Elaborate Higher Level Development Process
- Set Future Tools & Language Orientation
- Project Management
- Align Open Source Strategy
- ...



This keeps me busy at day

Airborne Radio AR5000, one product of our portfolio



Reading LWN, looking over IETF mailing lists, writing programs for fun^[1] and watching netdevconf videos *keeps me awake at night ;-)*



Research Questions

AQM for Multihop IOT Networks

- Codel and PIE Alternatives
- Buffer Sizing and Sojourn Time
- Unicast vs. Multicast
- AQM and (hard) QOS

ITS-G5 (802.11p) vs 5G

- Single or Technologie Mix
- Latency aspects, reliability and network topologies
- 5G: Edge Computing - How?
Vendor, Maintainmance, Costs, ...

QUIC in Low Bandwidth Networks

- Can and will QUIC Cope with low bandwidth networks (<50kbit/s)
- Will QUIC an adequate replacement for TCP
- CC: Fairness, IWx (burstiness), Algorithm

