

# Maritime Security in the Age of Digital Feudalism

A short rant on our relationship with technology

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# Maritime Security in the Age of Digital Feudalism

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# Take Away

- ▶ Rethink about our relationship with technology
- ▶ How are we using technology to gain capability and efficiency

# My Grandfathers Car



Figure 2: Cars

# Digital Feudalism

- ▶ We live in an age of Digital Feudalism
- ▶ Technology has never been more accessible but we are growing further from it.

# Maritime System Security

- ▶ 80% of global trade travels by ships



Figure 3: Container Terminal

# Capsize



Figure 4: Big Problems



# Block Channel



# Warship



Figure 6: Collision

# Bridge Systems



Figure 7: Bridge

# Fostering the next generation's understanding of technology

- ▶ Work to make technology attainable
  - ▶ Hardware Hacking
- ▶ Give everyone tools they can use for a lifetime
  - ▶ Open Standards / Open Source
- ▶ Adopt and implement the latest technology
  - ▶ Use automation like Ansible and Terraform
  - ▶ Deploy to cloud or on-prem

- ▶ Building systems that build systems
- ▶ Automate the process of deployment, configuration, accreditation and authorization (A&A)
- ▶ Deploy specific environment for a purpose, save needed data then destroy them

# The Dream

- ▶ Evolving Target Defense
- ▶ Purple Team Alpha

# Conclusion

- ▶ We need to realize our reliance on our feudal overlords
- ▶ To keep up with the fringe groups we must promote a different relationship with technology
- ▶ Break stuff (in a lab)

# Content

- ▶ Static Content at [nz.hacking.fans](http://nz.hacking.fans)
- ▶ PDF Handout
- ▶ Slides