

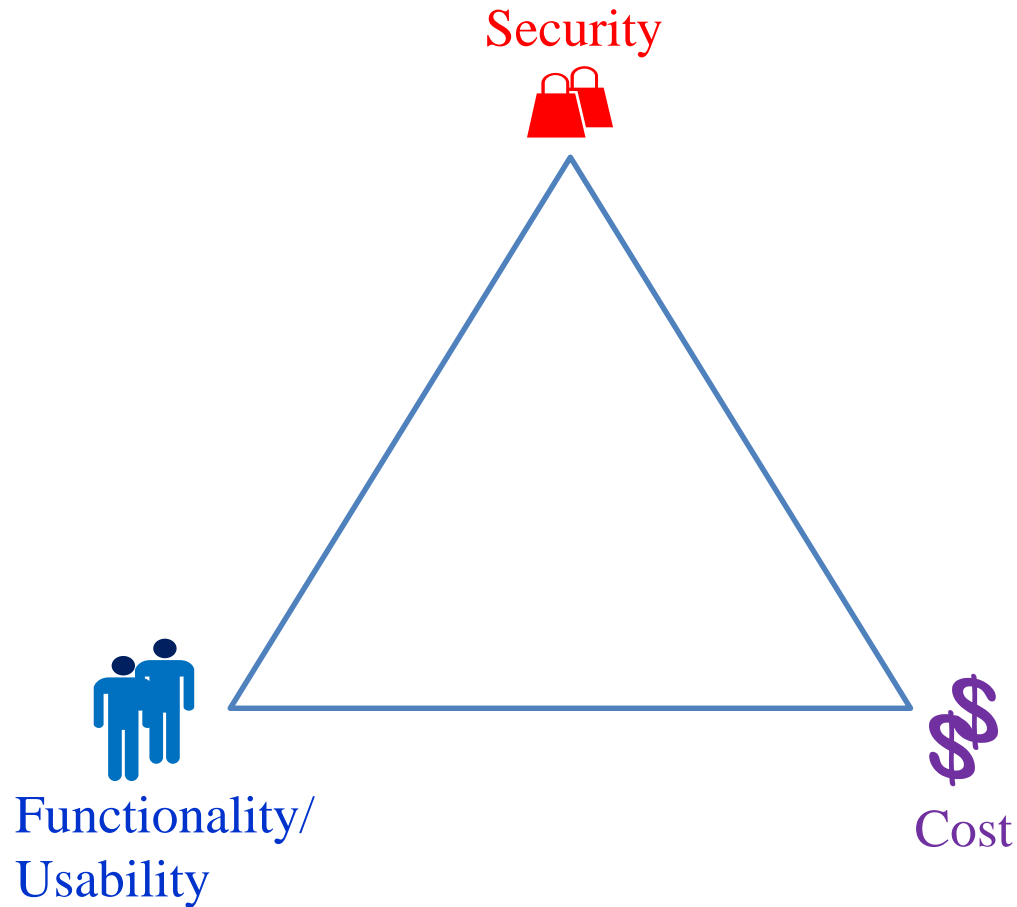
Why Hardware Security is **NOT** Taking Off? Will it Ever Be?

Qiang Xu

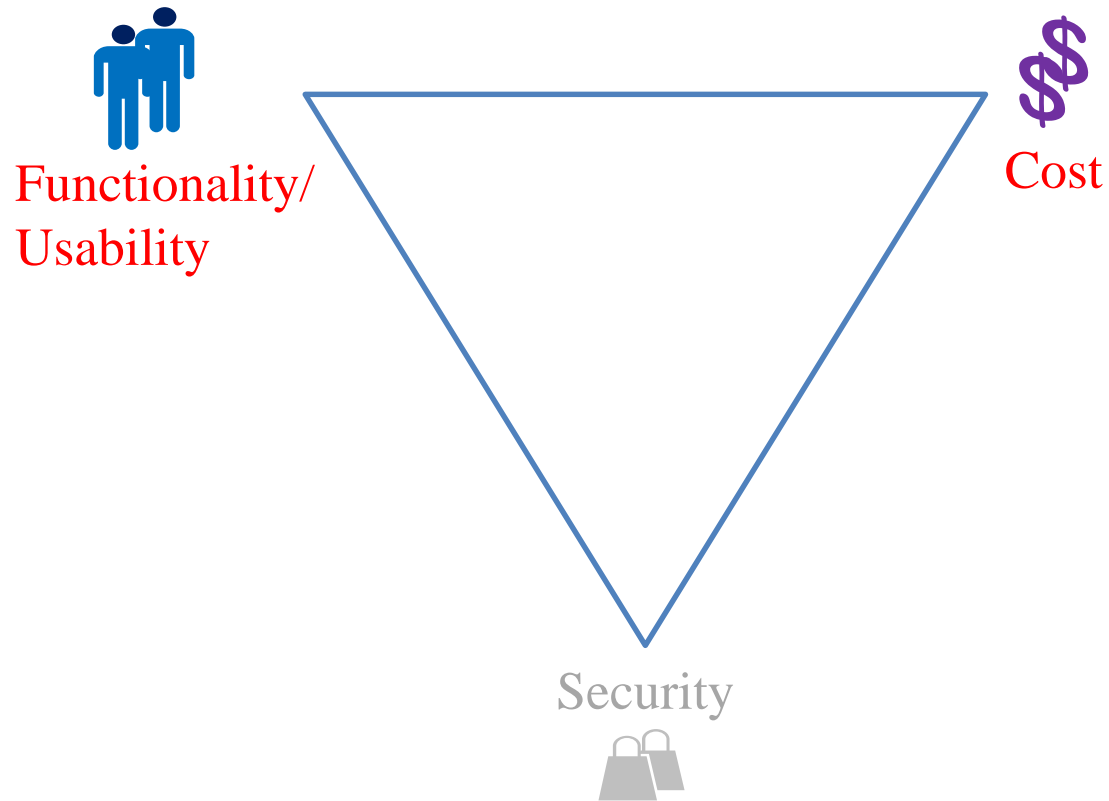
CUhk REliable Computing Lab.

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Security is a Trade-Off



(Hardware) Security is at the Bottom



Go Lean for Security

- **Hardware security as a value-added service**
 - Focus on what cannot be done at upper layers
 - Understand who pays the bill
 - Certification industry is our ally
- **For hardware and IoT security research**
 - Understand the enemy and the economics before working on a problem
 - Identify problems that stay

Thank you for your attention!