

KNELL Project Roadmap

Scaling the Power Loss Detection System for the Future

Phase 0: Initial Offering & Hardware Development

- **Hardware development:** Transition from Development board to custom PCB.
- **Mobile application development:** Make Android and IOS applications.
- **Cloud Back end development:** Aggregate data, develop integrations, route traffic, host web application.

Timeline: Month 1-6

Phase 1: Procurement Setup

- **MIPR/GPC Instructions:** Provide purchasing instructions for units.
- **Kit Assembly:** Deliver hardware kits to units.
- **Client Software:** Provide software and installation guides to end-users.

Timeline: Month 7-9

Phase 2: ATO for "IL-0", IL-2, IL-4

- **IL-0 Certification** Basic deployment done in non DOD "approved" environment
- **IL-2 Certification** Basic CTF for IL-2 firmware, applications
- **IL-4 Certification** Basic CTF for IL-4 firmware, applications

Timeline: Month 8-16

Phase 3: Marketing & Enterprise Scaling

Contact for q's: christopher.kosik.4@spaceforce.mil

- **Diversify Solution Sets:** Expand integration support.
- **Enterprise Solutions:** Develop advanced features for large-scale deployments.
- **Increase Market Reach:** Promote at expos, release toolkits in shared repos.

Timeline: Month 14-18

Phase 4:ATO enhancements

- **IL-5 Certifications** Able to work across sensitive non SECRET sensor data