



# ADEPTUS CYBER SOLUTIONS

## ATAK Plugin Development Training

### Pre-requisite:

- Basic familiarity with
  - ATAK
  - Android Studio
  - Android Development
- Understanding of Java



### Fees:

- \$2295 per student
- Travel expenses
- Min of 2 students
- Max of 10 students

### Outcomes:

- Understanding of TAK Ecosystem
- Understanding of ATAK plugin development
- Functioning sample plugin

### Day 1

- What is ATAK
  - TAK Product Center (TPC)
  - Ecosystem Overview
- Where to obtain ATAK and SDKs
- Review of SDKs and ATAK versioning
- Gradle Overview
- Android Emulator Setup
- Android Logging
- Debugging ATAK Plugins
- Hello World plugin walk through
- Plugin Template Review
- Third Party Pipeline (TPP)

### Day 2

- Build plugin exercise
  - Plugin Template Setup
  - Selecting a location on the map
  - Drawing markers with custom icons
  - Fillable Forms
  - CoT Handler
  - ATAK Intents
  - Radial Menu

### Day 3

- Build plugin exercise, part 2
  - On-screen Displays
  - Alert Dialog
  - Plugin Preferences
  - ATAK Preferences
  - Connecting to external apps

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