What's So Difficult about iOS and Android Offline ArcGIS Online Editing?

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WebMapSolutions
Introduction

- No 3G/4G and no Wi-Fi common
- Offline = Common Esri request
- Replication service coming
- Offline solutions today?
WebMapSolutions

- Mobile and Web GIS development company
- Focus – Local & State Govt
- Expertise - Mobile and ArcGIS Online
- Key API's – ArcGIS Javascript & Flex, Leaflet
Mobile Flex

- Target iOS and Android
- Hybrid installed app development
- Built flexible framework
- Extend functionality with widgets
- Highly configurable
Offline Solution Spec

- Cross platform - iOS & Android
- Mobile Flex
- ArcGIS Online
- ArcMap 10.1
Key to Offline

- **Tile Package** = Offline basemaps
- **Serialize** Feature Layers
Desktop 10.1 & ArcGIS Online

Generate TPK
Publish Hosted Tiled Service

Hosted Feature Service
Publish Web Map
Interface
Case Study 2 – Idaho Dept Transportation
Gotchas

- API and mobile
- Performance – Feature layers
- New technology & client expectations
- Holistic desktop-mobile-web
Questions?

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