GOVERNMENT CLOUD OPEN DATA PLATFORM

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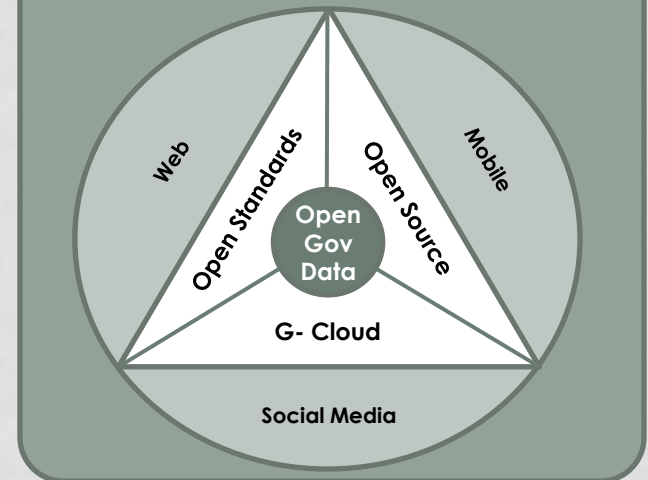**Neil Mcevoy   L5consulting | iFOSSF**

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THE FUTURE OF GOV 2.0:
G-CLOUD & OPEN DATA PLATFORM

Challenge:

- How to take the Gov't beyond just **sharing** data & drive more **use** of open data?

- How to enable "Gov't as a Platform" to drive a vibrant ecosystem of **citizen-ready** applications (not just data dumps)?

- How to empower citizens to use & add value to open data apps via familiar web, mobile & **social media** channels?

The "Holy Grail" of Open Data

Web · Open Standards · Mobile · Open Source · Open Gov Data · G-Cloud · Social Media

Solution:

- **G-Cloud:** gov't cloud for efficiency, scale & flexibility of delivery

- O**G2C Open Data Platform:** open gov platform for managing & publishing data assets into citizen-facing applications

- **G-Cloud** + O**G2C:** Cloud-based platform for gov't that provisions & manages web & mobile citizen apps powered by open data

"OPENCITY": A 'G-CLOUD' OPEN DATA PLATFORM

Target Audience:
- Federal, state/provincial & muni government with open data mandate

Citizen Value:
- Access to a multitude of community & commercial apps driven by open data
- Consistent experience for citizens across multiple applications & devices
- Visualize, interact, share & enrich open data using web, mobile & social media
- Access & consume open data as feeds through developer APIs
- Provide feedback & quality report mechanisms for open data
- Leverage crowdsourcing & geolocation to engage meaningfully with the open gov data, provide value back to gov services via feedback & meta-data

Government Value:
- Deploy citizen-ready applications "in minutes"
- Realize faster time-to-market for open data catalogues & applications
- Provide a services-based approach for adding, managing & publishing Open Data assets & enable those as developer APIs
- Provision your choices of community & commercial open data applications
- Enable consistent end-user experience through a variety of configuration tools

WHY CLOUD ? WHY A PLATFORM ? WHY "OPENCITY" ?

Why Cloud:
- Infrastructure costs of open data catalogues & application infrastructure, costs to support growth of datasets & citizen requirements for applications
- It's not easy to "grab the code" from other agencies/projects and deploy
- Providing a services-driven architecture for easy integration & extensibility
- Ensuring scalability & flexibility of different type of data use by citizens and developers

Why Platform:
- Balancing citizen need for applications with ability to deliver by Gov't
- Providing a framework for both community & commercial developers
- Building individual applications, integrating / migrating legacy apps in an isolated fashion without a common framework is ineffective
- Ensuring a consistent end-user experience across multiple devices

Why "OpenCity" G-Cloud Platform :
- Builds on existing Open Gov / Open Data projects & frameworks
- Leverages existing open data catalogue data & applications
- Uses "building blocks" projects specifically for "G-Cloud platform" in mind
- Proven, real-life scenarios of gov't agencies using the "building blocks" today
- Provide a services-based platform for loading, managing & sharing out Open Data feeds as a rich web & mobile apps
- Balance short-term goals to meet open gov mandates with long-term goals of building vibrant application ecosystem & citizen engagement

" **Open Data apps in minutes!** "