GIS on Cloud Computing

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Individual System Server Specific Purpose

Data Management

Collect, Organize, & Exchange Data



Planning & Analysis

Transform Data
Into Actionable
Information



Field Mobility

Get Information
Into and Out of
the Field



Visualization

Disseminate
Information Where
and When it is
Needed



Constituent Engagement

Get Feedback and Make Informed Decisions









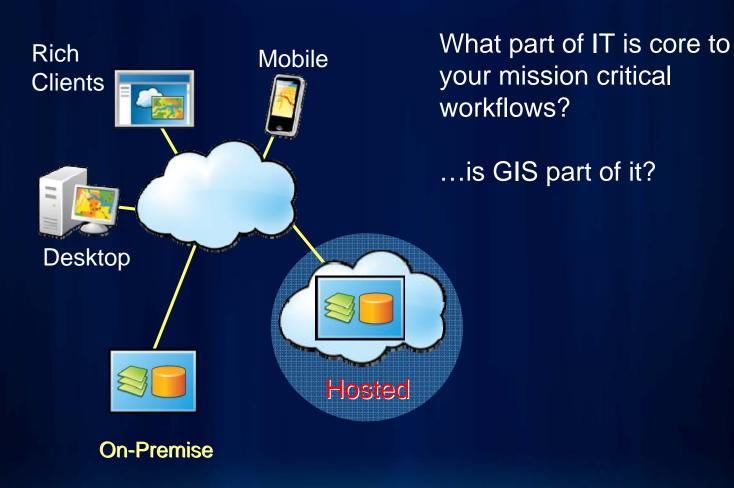






- less time to spin up servers and capacity
- Easy to set up and administer
- Extremely fast release of web maps
- Non constraining for innovation
- Lowering Cost
- Simplicity
- Scalability

The Cloud is a Deployment Option





"...the tendency of a body to return to its original shape after it has been stretched or compressed..."



Elasticity

- Can adjust for peaks and troughs in demand for...
- Data Management





Data Management

 Enhanced & Dynamic Processing -- Batch Data Processing, Large Scale Analysis



Geocoding



Analysis



- Visualization & Mobile enablement
 - Grow out capacity as needed
 - Expand capabilities in near real time
 - High Availability

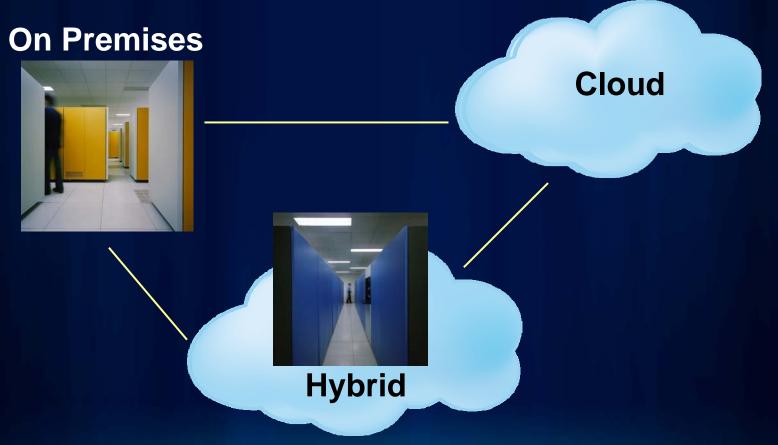


Operational Awareness



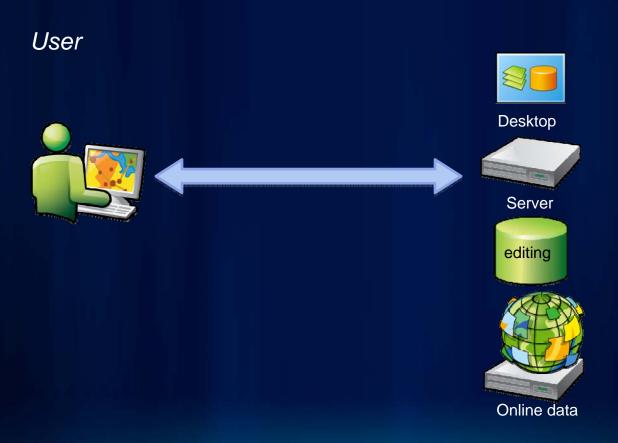
Deployed How You Want

Aligning with the Maturity Of Your Organization



Complimenting Existing Desktops & Servers

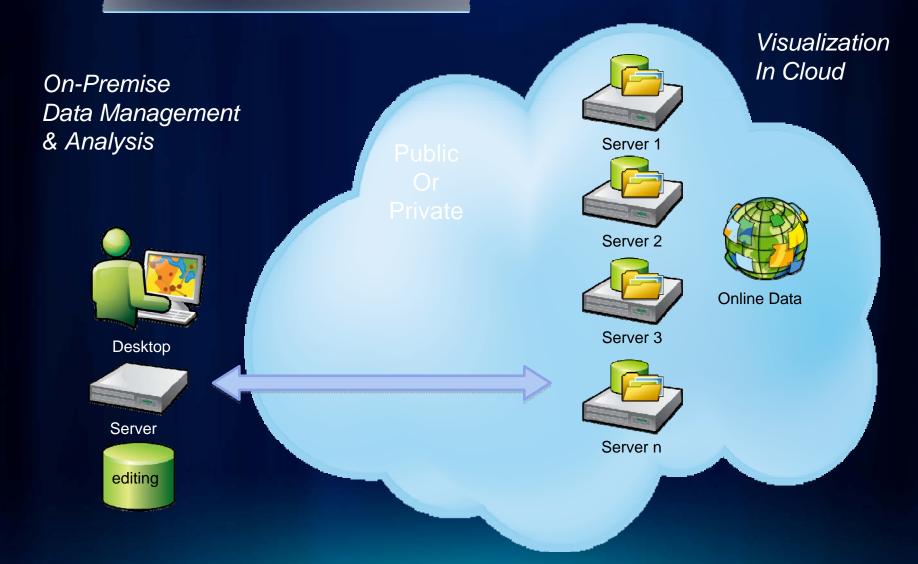
Traditional GIS Application



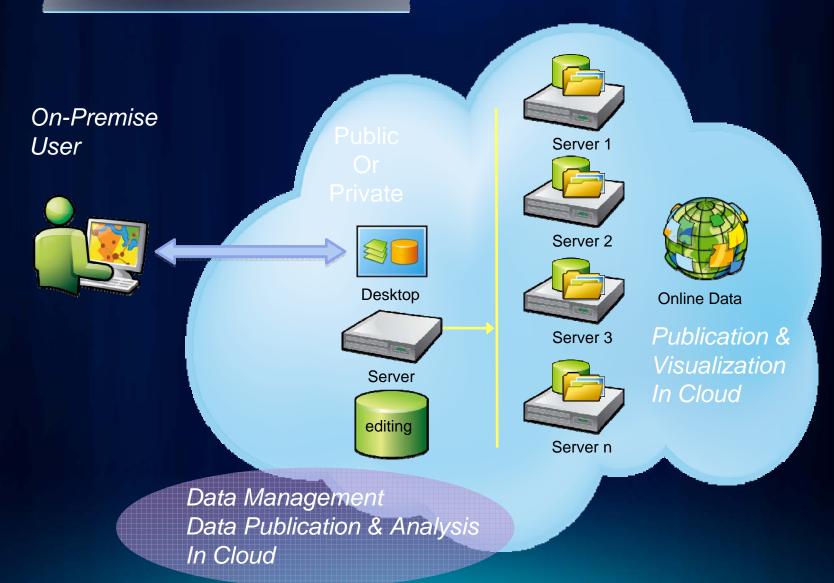
Data Management deployment to Cloud



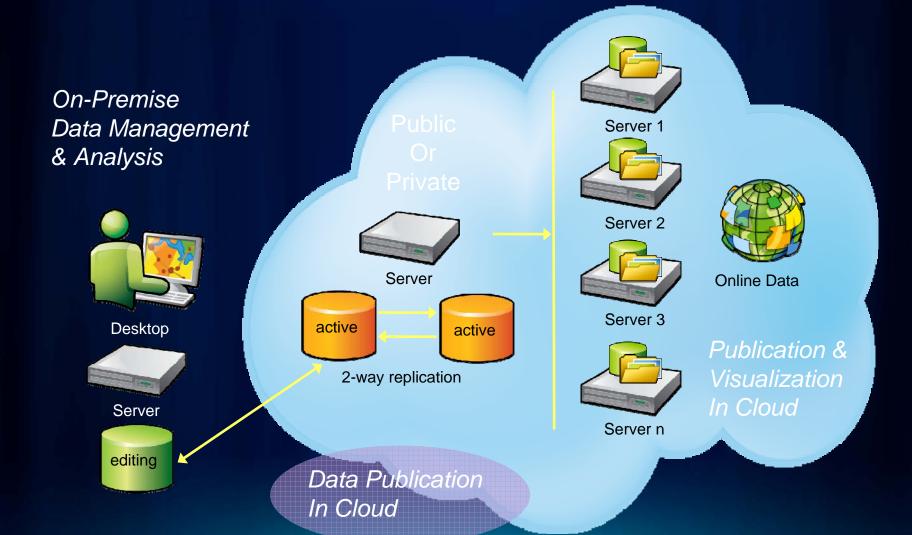
Hybrid Deployment with Redundancy



Deployment with redundancy



Hybrid Deployment with Redundancy



Hybrid Deployment with Redundancy

On-Premise
Data Management
& Analysis



ArcGIS Desktop



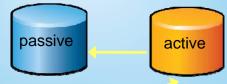
ArcGIS Server



Public Or Private



ArcGIS Serv



1-way replication

Data Publication In Cloud



ArcGIS Server 1



ArcGIS Server 2



ArcGIS Server 3



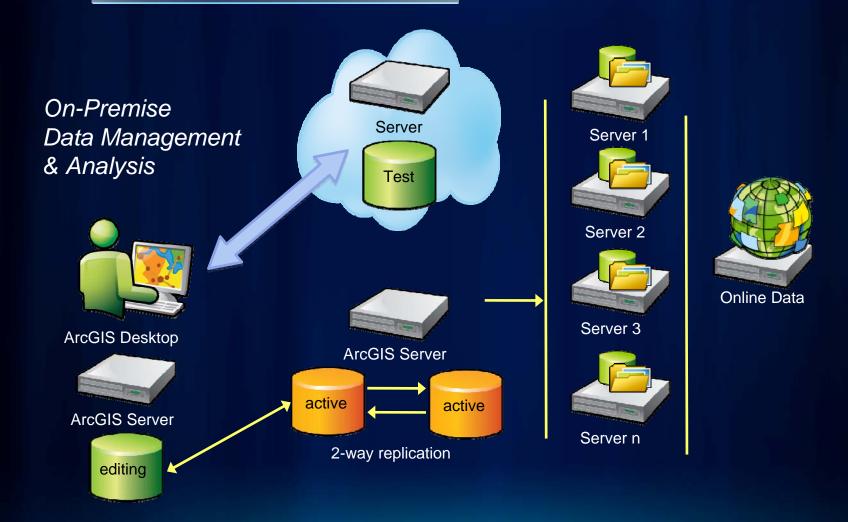
ArcGIS Server n



ArcGIS Online

Publication & Visualization In Cloud

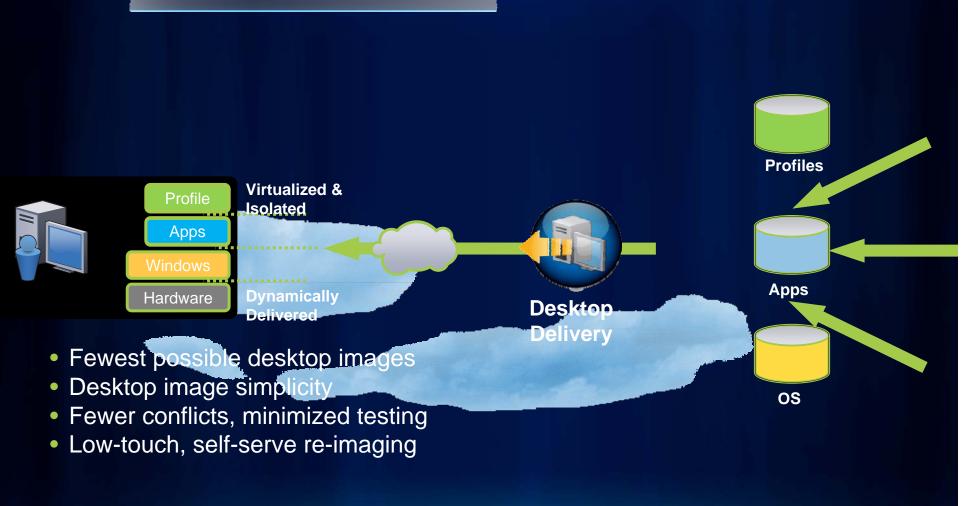
Deployment with Test



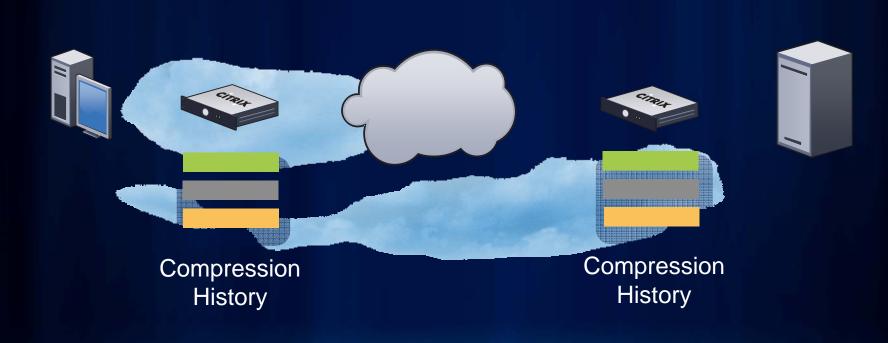


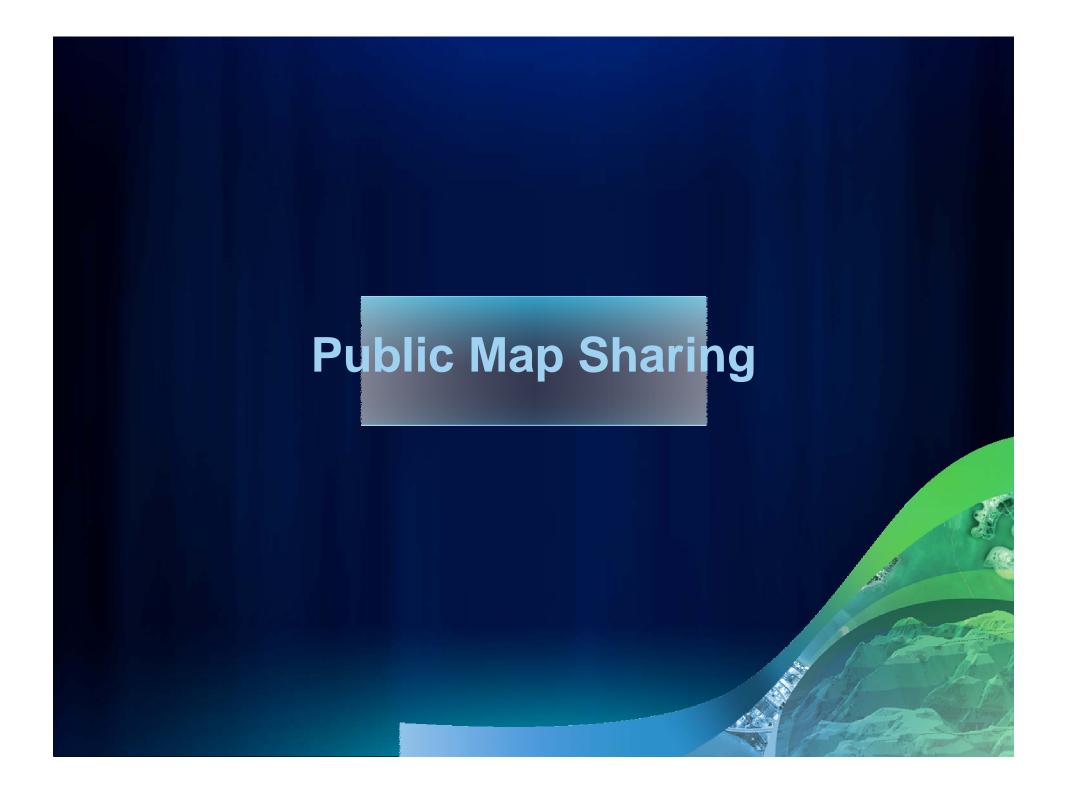
- Performance & Scalability
- The Cloud may not be reliable enough you need to evaluate - SLA
- Is the the cloud secure enough?
- Real Utilization of owned equipment vs. rented

Application Delivery Optimization



Application Delivery Optimization

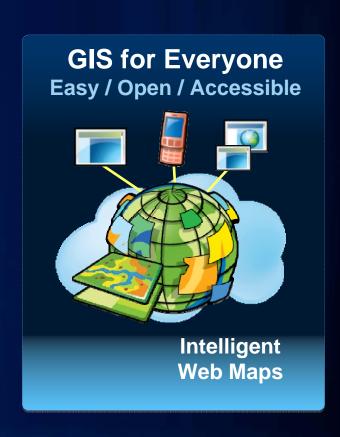




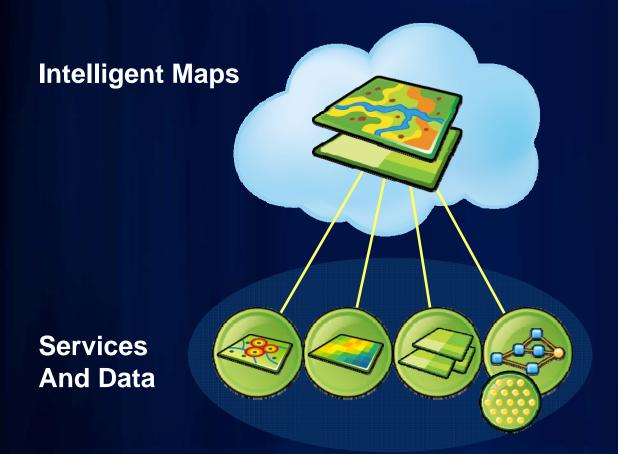
Share Map in Different Topics

Open data platform for maps and geographic information

- Easily create and share maps
- Delivered as intelligent maps
- Access on virtually any device – anyone, anywhere
- Compliments and extends the value of your GIS
- Use within an organization or share with larger communities and/or public



Intelligent Maps

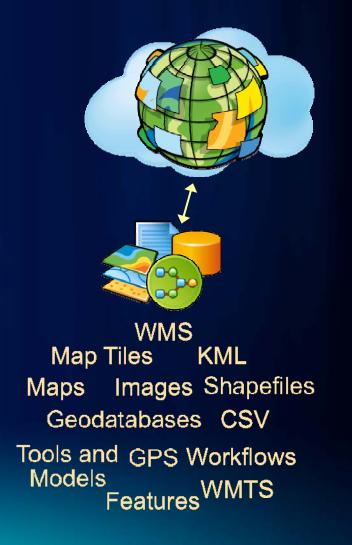


Supporting

- Visualization
- Editing
- Popups
- Analysis
- Time

Upload, Connect and Share

- Open and standards-based
- Use and store geospatial info
 - GIS datasets and services
 - OGC web services WMS
 - KML & GPX
 - Spreadsheet data (CSV's)
- You decide how it is shared
 - Public/private
 - Embed in web page or blog
 - Links & social networks



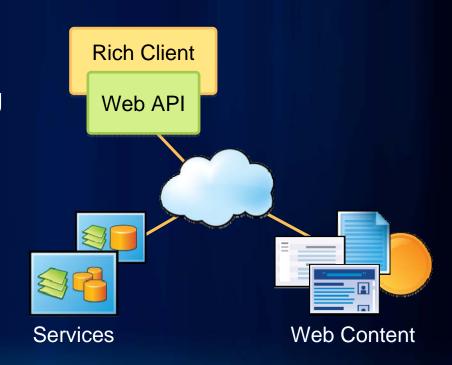
Interact with Intelligent Maps Anywhere



Use Webmaps in Applications

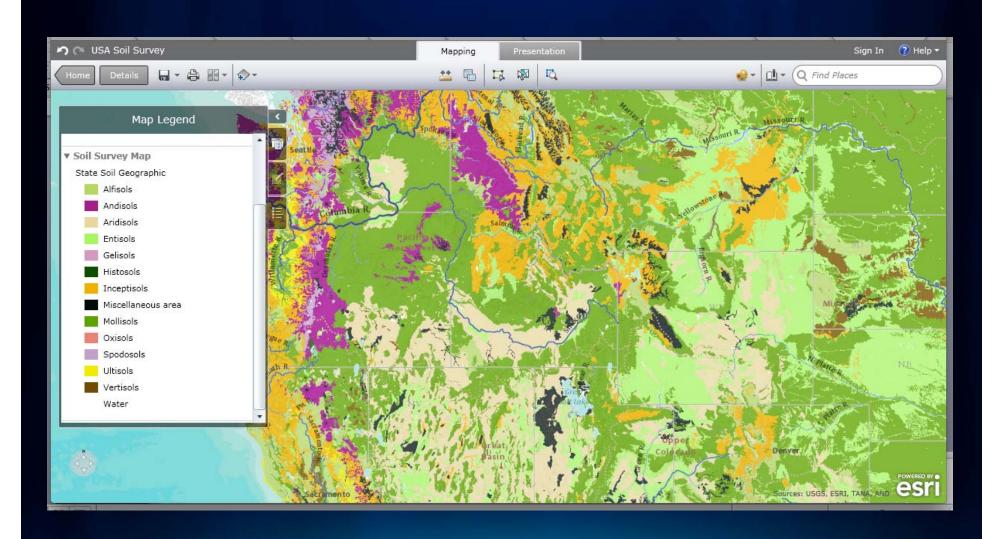
Build rich, interactive apps with mapping and geographic functionality

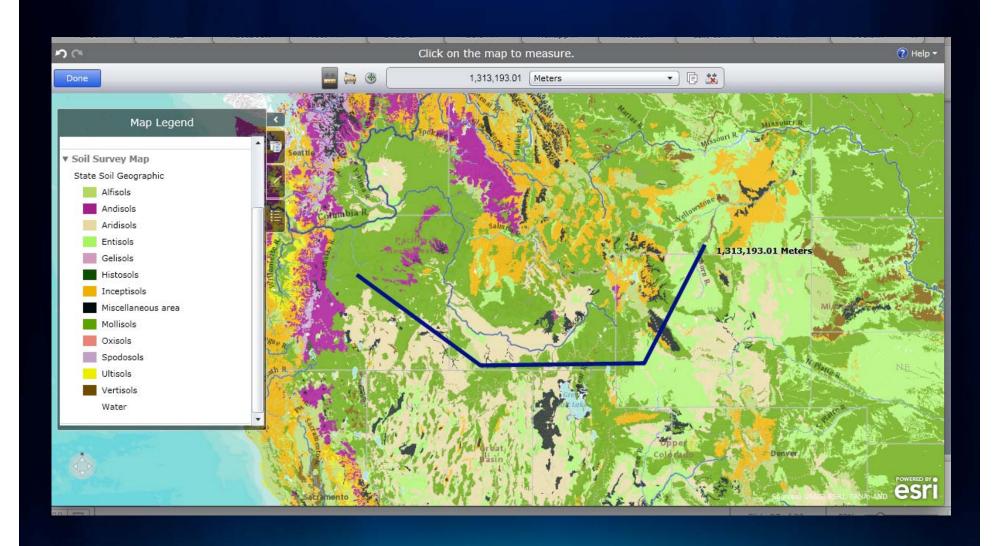
- Custom web pages
- Web applications
- Stand-alone applications
- Client libraries for building rich GIS applications
 - Javascript
 - Flex
 - Silverlight
 - REST
- Mobile API's

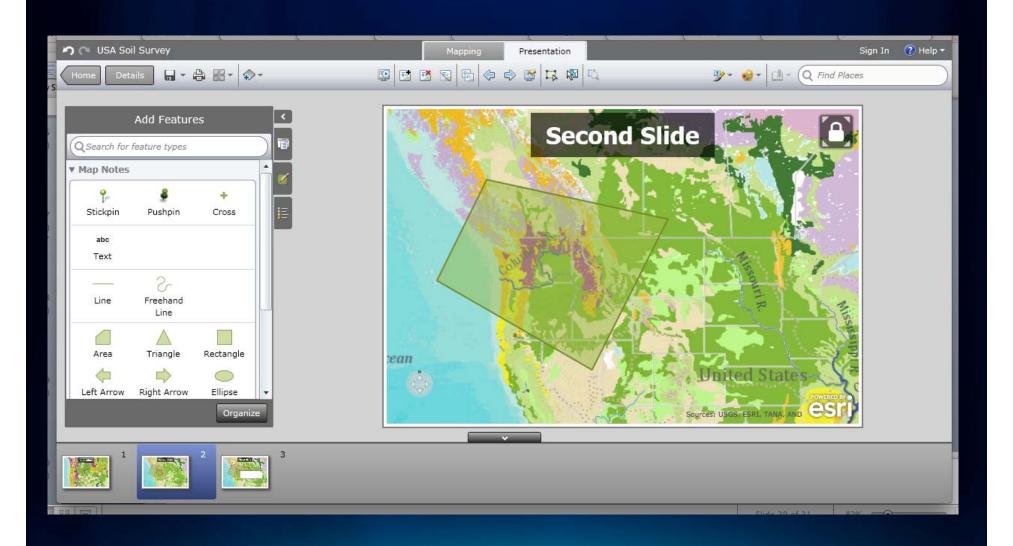








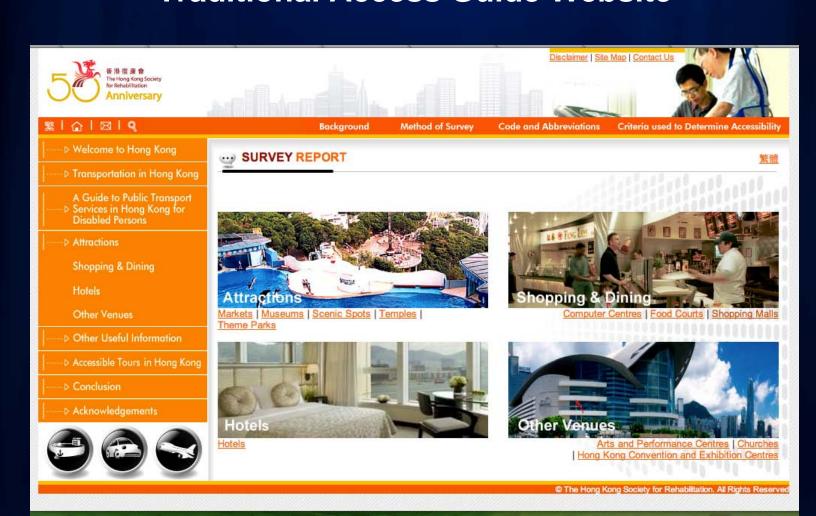








Traditional Access Guide Website



List of the Facilities



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製一合一図一Q

Method of Survey

Code and Abbreviations Criteria used to Determine Accessibility



REPORT - Shopping & Dining - Shopping Malls (Hong Kong Island)

Shopping Malls - Hong Kong Island

Computer Centres | Food Courts

Shopping Mall	Main Entrance	Information Counter	Passage	Lift	Public Toilet	Public Telephone	Car Park	Remarks
Admiralty Centre 海富中心 18 Harcourt Road, Central Tel: (852) 2528 4086 Fax: (852) 2865 4844 http://www.mtr.com.hk/eng/ properties/urban lines admiraltycentre.html	K	E	F	<u>&</u> ∅	NA	E	NA	4 steps at Drake Street main entrance, wheelchair users can enter via cargo lift at Drake Street Nearest car park at United Centre Wheelchair users can enter via pedestrian flyover at Pacific Mall and Queensway Plaza
Alexandra House 歷山大廈 中環遮打道18號 18 Chater Road, Central www.hkland.com/commercial property/hongkong properties/ alexandrahouse/index.html	Ġ.	NA	E.	& .	E	NA	NA	Nearest car park at IFC. Wheelchair users can enter via Ice House Street No designated lift for passengers with disabilities, wheelchair users can use the cargo lift

