Housekeeping

• Emergency Exits

• Mobile phones off / switch to silent

Agenda for today:

13.00 – 13.15 Opening address
13.15 – 14.15 Technology update
   Essentials, GMAF, Analytics
14.30 – 15.00 Afternoon tea and interactive stations
15.00 – 16.00 Users stories
16.00 – 16.30 Future Road map
16.30 Q & A and Closing address

• Drinks!
Why are we here today?

• To share **exciting new updates** about Geocortex.

• To **listen** to what you have to say and **improve our service** and **products** accordingly

• To improve **communication**

• To facilitate **collaboration** and **sharing**.

• Have some fun learning from each other.
Rob Clout
Geosolutions Business Development Manager
Current Status

Over 1400 individual clients worldwide
Current Status

- Over 100 individual clients Aus/NZ (35% growth in past 12 months)
- Large growth across all market sectors
- Closer ties with Esri Australia
- Closer links with multiple partners such as Orbit GT
- Closer relationships with the likes of TechnologyOne, Civica, Infor and many more
180,000+ hours of relevant, applied R&D

Costs shared across 1400 organizations globally
We’ve grown also...

Anthony Walker
*General Manager Geosolutions*
*A.Walker@aamgroup.com*

**Cloud Delivery Team**

Mukesh Vyas
*Geosolutions Consultant*
*M.Vyas@aamgroup.com*

Ben Stevens
*Cloud Application Consultant*
*B.Stevens@aamgroup.com*

Willem Swanepoel
*Product Developer*
*w.swanepoel@aamgroup.com*
We’ve grown also...

Peta Hyam  
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Karen Quispe  
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Roland Lockhart  
GeoSolutions Consultant  
*r.lockhart@aamgroup.com*
Our Esri Relationship

- Lots of work this year to communicate the work we’re doing in the context of new patterns, and develop strategies to accelerate client transitions
- Great continued insight into product direction
- Our work is complementary and beneficial
- Strong technical alignment; previous friction fading with technology uptake and licensing evolution
- Continuous ongoing relationship building/reinforcement
How our business and GIS is Evolving

Documenting

Organizing

Department

Enterprise

Integrating

Community

Collaborating & Analyzing

Web

GIS
Key Modern Computing Patterns

1. Your Identity
2. Ubiquitous Access
3. Sharing & Collaboration
4. Common Currencies
Modern computing patterns are steadily taking over the world.
Identity

Users sign in so the system knows who they are and what they have access to
Ubiquitous access

Readily accessible, usable apps available across all major platforms... that offer a consistent, familiar experience.
Sharing & Collaboration

Sharing and collaboration that’s unified and is managed centrally.
Common Currencies

Web Layers, Web Maps, Web Scenes, Feature layers… the underlying connective tissue that enables all this.
Who people are, what they need, and connecting them with content and one another.

Wherever they are, whenever they need it, whatever device they’re using.
Where does Geocortex fit in all this for 2016/2017 and beyond?
1. Geocortex alongside Esri apps
WEB MAPS

- Web maps are a central currency in the geoinformation model, and therefore a web GIS

- Web Maps are core components within Geocortex
WEB MAPS CAN POWER GEOCORTEX APPLICATIONS

Geocortex apps are shared in a portal — alongside other apps — to extend the use of GIS throughout your organization.
MANAGE AND ACCESS GEOCORTEX APPS WITH YOUR ARCGIS IDENTITY...
...AND USE ARCGIS IDENTITIES TO PERSONALIZE WHAT USERS CAN SEE AND DO

Graham

Kirsten
Access a single catalog of maps and services from across your organization when authoring applications.
Using Geocortex Essentials in a Web GIS Pattern

Publish datafiles and web maps to your portal from Geocortex Viewer for HTML5
Save and share Geocortex Viewer for HTML5 project files with users and groups in your organization that are consumers of GIS
USING GEOCORTEX ESSENTIALS IN A WEB GIS PATTERN

Access capabilities exclusively provided by Portal for ArcGIS or ArcGIS Online
Control and share access to Geocortex applications with centralized permission management built into Portal for ArcGIS and ArcGIS Online.
Deploy Geocortex alongside other apps to capture every use case

- Geocortex applications integrate with other apps in the ArcGIS platform
- Solve unique business problems by configuring Geocortex
1. Geocortex alongside Esri apps
2. Geocortex inside Esri apps
Geocortex Value Reaching Out

In 2017 we’ll start delivering capabilities *into* Esri app offerings... Offering new/additional pathways to Geocortex capabilities.
Technology Update and Demonstrations
Technology Update

• Geocortex Core 3.0.2
• Geocortex Essentials 4.6.2
• Geocortex Viewer for HTML5 2.7.1
• Geocortex Mobile Application Framework 2.1
• Geocortex Analytics 1.2**
Technology Update

- Geocortex Core
- Geocortex Essentials
- Geocortex Viewer for HTML5
- Geocortex Analytics

- Interface
- Product
- Foundation
Technology Update

- What’s new in Geocortex Essentials – Justin Madex
- Intro to Geocortex Viewer and Apps – Justin Madex
- GMAF – Travis Brousseau
- Geocortex Analytics – Justin Madex
Intro to Geocortex Viewer and Apps

- Geocortex Viewer for HTML5 2.7
- Geocortex Mobile App Framework 2.1
  - Geocortex for Android
  - Geocortex for Surface
  - Geocortex for iOS

* ArcGIS runtime embedded in Apps
What’s new in Geocortex Essentials

- Save Project
- Upload Data
- Launch URLs
- Field Formatting
- Print Preview
- Scale Ratio
- Right-click Menu
- Search Non-Spatial Data
- Coordinate Tools
- Selections
- Publish Web Map
- Batch Geocoding
- Layer Hyperlinks
- Save Drawings as Shapefile
- Vector Tiles
- Improved Measurement
What’s new in Geocortex Essentials

• Geocortex Core enhancement
• Compatibility with ArcGIS 10.4.1
• Time Slider functionality
• Layer Catalog
• Essentials Manager enhancements
• Workflow enhancements
Intro to Geocortex Viewer and Apps

- Identity providers and benefits

Geocortex Essentials Identity Providers

- ArcGIS Portal
- ArcGIS Online
- Windows Server Active Directory
- Windows Azure Active Directory
- Office 365 Active Directory
- Amazon Web Services
What’s new in Geocortex Essentials

• Vector Tiles
  • Beta version released by Esri
    • Subject to change
    • Printing not yet supported
    • Lots of promise!
  • Esri SDK + tools on GITHUB
Intro to Geocortex Viewer and Apps

- Timeslider control
- Dynamic Symbolisation
- Label control & configuration
- User Add Data ability
- Enhanced right click control
- Publish to ArcGIS and Open Geocortex Web Map in Portal
- Create App using Geocortex Web Map + Web App Builder
Intro to Geocortex Viewer and Apps
Geocortex Mobile App Framework

Geocortex Essentials

[Image of multiple devices showing Geocortex applications]
Geocortex Mobile App Framework
Geocortex Mobile App Framework

- Dynamic Editing and Mark-up
- Save and Share Project
- Offline Package
- Syncing Offline Map
- SQL Light DB
- Create a feature
- Attach a photo
- Configure Offline Views
GMAF – Going Forward

- Support for Vector Tiles and Esri mobile map packages
- Integration of offline routing
- Increase coordinate location accuracy for high precision users
- Support large scale deployments
- Background sync/resume
Geocortex Analytics

More than 150 Reports in four key areas

- Summary
- Status
- Trends
- Dashboard
Geocortex Analytics

- Geocortex Essentials 4.6+ and Geocortex Analytics 1.1+ include with Geocortex Core 3.0
  - Can be installed in isolation
  - Best planned with Essentials upgrade
  - Recommended to share same cluster/instance
- Portal or AGOL required
- Simplified installation
- Easy clustering
Geocortex Analytics

- Analytics MSS is based on depth/breadth of usage through combination of two metrics – 1) collection points and 2) number of Portal for ArcGIS/ArcGIS Online Identities/Named Users
Geocortex Analytics

• Analytics MSS is based on depth/breadth of usage through combination of two metrics – 1) collection points and 2) number of Portal for ArcGIS/ArcGIS Online Identities/Named Users, where collection points include:
  • Each physical server
  • Each ArcGIS for Server cluster
  • Each ArcGIS for Server map service, feature service, image service, geometry service, geoprocessing service, etc
  • Each Geocortex Essentials instance
  • Each Geocortex Essentials site
  • Each viewer application
Geocortex Analytics
Geocortex Analytics

- Dashboard
- Status
- Trends
- Monitoring
- Feature Rich

TROUBLESHOOTING

ROI

Optimization
AFTERNOON TEA
Roadmap – Early 2017

• Geocortex Collaboration
• New versions
  • HTML 5
  • Geocortex Workflow
2016 Geocortex Australian Road Show

Geocortex Research & Development

Cam Barnard

October 2016
Upcoming features for Geocortex Viewer for HTML5
Change the drawing order of layers on the map
Includes pre-defined, and user-added layers
Reorder layers if they belong to dynamic map services
USER CAN CUSTOMIZE STYLES FOR DRAWINGS

Comprehensive support for all symbol options

Includes choosing picture marker symbols for points

Administrators can choose how which options are presented to users
RESULTS LIST WILL GROUP RESULTS BY LAYER

Easily collapse and remove layers from feature set
Easily remove individual features
User can click on drawings in graphic layers to edit or restyle

The user experience for creating and editing features is dramatically streamlined
BETTER FEATURE HIGHLIGHTING

Automatically highlight features in selections and result sets.

Highlight features on the map when the user hovers in the results list or table.

Use pushpins only when a feature is not in scale range.
Users can export related data with feature data.

- Export data from data links
- Export data from relationship classes
- Support all tabular formats (Excel, CSV)
ADD WFS LAYERS TO THE MAP FOR VISUALIZATION

Administrators can add WFS layers in the map that will be used for visualization

Continue to use WFS alongside WMS layers to perform identify and query
USERS CAN COMBINE QUERIES WITH ‘OR’ OR ‘AND’ WHEN USING THE QUERY BUILDER

Build more complex queries with query builder and filter builder

Combine expressions using either the ‘and’ conjunction, or the ‘or’ conjunction
Find layers quickly by typing just a few keystrokes

Discover layers even if they are nested in folders
GEOCORTEX ESSENTIALS R&D: COLLABORATION

Geocortex AOP 1.1 provides ‘channels’ for real-time communication

Based on feedback and broader applicability, we’re escalating this to a core capability of Geocortex Essentials

Supports multiple ‘rooms’, text messages, graphics, images and map extents

Will be released in Geocortex Essentials 4.7, and part of Geocortex AOP 1.2
GEOCORTEX ESSENTIALS R&D:
GEOCORTEX VIEWER FOR HTML5 3.0
GEOCORTEX ESSENTIALS R&D:
GEOCORTEX VIEWER FOR HTML5 3.0

Using ArcGIS API for JavaScript 4.x

- 4.0 does not have parity with 3.16

- See Geocortex Blog post (May 3, 2016):
  https://blog.geocortex.com/2016/05/03/geocortex-and-arccgis-api-for-javascript-4-0/

Includes simultaneous 2D (web map) & 3D (web scene) support

Customers can upgrade from 2.x to 3.x

Due to breaking changes in the ArcGIS API for JavaScript, custom code developed for GVH 2.x will not be directly portable to 3.0
Example of existing implementation of 3D WebScenes within Geocortex
Example of existing implementation of 3D WebScenes within Geocortex.
Example of existing implementation of 3D WebScenes within Geocortex
GEOCORTEX ESSENTIALS R&D: GEOCORTEX WORKFLOW

Fewer and simpler concepts (e.g. no variables, just inputs and outputs)

Extremely easy, web-based design tool

Designed to run “offline”

JavaScript is the scripting language. No more VBScript.

Includes new, dynamic forms technology
GEOCORTEX ESSENTIALS R&D: ONLINE DOCUMENTATION CENTER

Searchable, navigable documentation

Integrated with Support Center

- Links to and from Knowledge Base articles, forum threads, videos

Feedback facility
Accomplish even more with Esri’s ArcGIS

Products

Cray meggings flannel, hammock everyday carry echo park shabby chic shoreditch selfies marfa cronut kombucha blog. Yr next level trust fund selvage retro axe tacos.

- Geocortex Essentials
- Geocortex Analytics

Solutions

Cray meggings flannel, hammock everyday carry echo park shabby chic shoreditch selfies marfa cronut kombucha blog. Yr next level trust fund selvage retro axe tacos.

- Geocortex Active Operating Picture (AOP)
- Cityworks® Extension for Geocortex Essentials
- Geocortex Decision Support
- Geocortex Perspective

Developers

Cray meggings flannel, hammock everyday carry echo park shabby chic shoreditch selfies marfa cronut kombucha blog. Yr next level trust fund selvage retro axe tacos.

- Geocortex Developers Help
Geocortex Roadmap Timeline

Predictive & Forward Looking

Current estimates... not commitments
# Geocortex Roadmap Timeline

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