2016 AAM Geocortex Roadshows
Perth, 17 October
• Emergency Exits and safety share.
• Mobile phones off / switch to silent
  (unless using Geocortex)

Agenda for today:

12.45 – 13.00    Opening address
13.00 – 14.15    Technology update
14.15 – 15.00    Afternoon tea and interactive stations
15.00 – 16.00    Users stories
16.00 – 16.30    Road map
16.30            Closing address
Opening Address

Anthony Walker, General Manager GeoSolutions
Faces Around AAM Perth

Carly Lambert  
*Product Manager*

c.lambert@aamgroup.com

Than Aung  
*GeoSolutions Consultant*

t.aung@aamgroup.com

Leo Liu  
*GeoSolutions Consultant*

l.liu@aamgroup.com

Karen Quispe  
*GeoSolutions Consultant*

k.quispe@aamgroup.com

Damian Slee  
*GeoSolutions Manager: West*

d.slee@aamgroup.com

Jon Lishman  
*GeoSolutions Consultant*

j.lishman@aamgroup.com

Travis Booysen  
*GeoSolutions Consultant*

t.booysen@aamgroup.com
Some Old and Some New Friends

Darko Radiceski
*Chief Technology Officer*
d.radiceski@aamgroup.com

Willem Swanepoel
*Product Developer*
w.swanepoel@aamgroup.com

Roland Lockhart
*GeoSolutions Consultant*
r.lockhart@aamgroup.com
The AAM GeoSolutions mission is to be the APAC region experts in the development of on-premise and cloud-based geospatial content & geospatial application services.

We will achieve this mission by:

- Maintaining a highly skilled & motivated team in the areas of product planning, design, development, marketing and professional services. We also work closely with key software and hardware partners.
- Operating an extensive, modern office network throughout Australia, New Zealand, South East Asia, South Africa and India which will be leader in geospatial services and support.

We will work in an business characterized by quality, innovation and a commitment to long lasting customer relationships.

We will provide our customers with cutting edge solutions focused on delivering spatial information, tools and applications to help them make better business decisions by streaming content, analysing patterns, solving problems and sharing ideas and maps.
Why are we here today?

- To share **exciting new updates** about Geocortex.
- To increase our **capacity to support** you and your applications.
- To improve **communication**.
- To facilitate **collaboration** and **sharing**.
- To support growth in geospatial industry through **education**, **resources** and **engagement**.
- To **listen** to what you have to say and **improve our service** and **products** accordingly.
How is AAM doing?

- We have increased our GeoSolutions staff in the Perth office significantly and expanded our capability based on current changes in the market place.
- We are working closely with Esri AU and Esri inc.
- We manage over 100 installations of Geocortex across AU, NZ and Asia, & continue to grow our user base monthly.
- We manage and close out on average 100 new support tickets per month.
- Working with key hardware suppliers:
Populating Maps directly from the Field through REAL-TIME & HIGH-ACCURACY GIS SYSTEM

ZenoCollector
High-Accuracy Data Collection in ArcGIS

esri Partner Network Silver

ZenoCollector combines a high-accuracy data collection device with an industry-leading software platform, so you can boost efficiency of field crews, reduce errors in data collection, and always have the latest information at your fingertips.
How is AAM doing?

We have released **GEOCIRRUS Mine** to market.

- AAM’s Cloud based SaaS offering using an Esri and Geocortex stack.
- A **modern** delivery **tool** for AAM’s rich mapping **content**.
- More on this later in the roadshow …
How is AAM doing?

AAM has a growing number of customers using GEOCIRRUS to host their full GIS in the cloud (a Managed Service model):

- Reduces additional IT infrastructure costs.
- Reduces spending on data delivery.
- Payoffs around reduced software and storage costs, reduced data duplication.
- Provides a real improvement to business operations and projects.
- Augments and enhances the current AAM service.

GEOCIRRUS Origin

Power your business with high quality imagery

Host and Serve

We have a significant catalogue of aerial and satellite imagery, LiDAR derived content and 3D buildings which we host and can serve directly into your own GIS environment.
Where does Geocortex fit in all the enterprise Web GIS pattern changes which are currently occurring?

“Accomplishing even more with Esri mapping technology”

“Latitude creates products to do work that is often otherwise approached as inefficient custom development”

“Spending time generating business-specific value”
This mission has proved fairly timeless for Geocortex.

Esri continues to build outstanding technology (10.5).

Latitude continues to position as “Complementary and useful … not parallel and redundant”.
Key theme: *Modern web patterns are underway with ArcGIS*

**Identities** – users sign in so that the system knows who they are and what they have access to.

- We are very used to this pattern >>>>>

At the “Afternoon with Jack” session in Sydney last week, Jack talked about *hydration of information & identities* as the backbone for **effective collaboration**.

**Named users** is a key part of enabling this. More on this during the technology update …
Latitude is positioning Geocortex in way which recognises that many new technologies from Esri will **require** the modern pattern of named user identities.

Why? “*Not because we want to sell a new thing … because the modern pattern allows us to do things we couldn’t do before and can’t do otherwise*”.

*You are going to see some of this in action this afternoon.*
AAM items of note

• Training
  • Geocortex Advanced Training – 2 day course early in November in Perth.
  • AAM will be providing public Virtual Online Training (VOT) on a quarterly basis.
    • $750 per day; maximum 6 PPL per course; aimed at new staff;

• User Forums
  • We have a great desire to implement an APAC focused Geocortex user forum.
  • On the road to getting this completed with beta launch soon.
  • You will get an email with a simple survey to kick off with meaningful content.

• Geocortex Roadshow offer – ends November
  • A Geocortex Silverlight to HTML5 offer: 1 day incl. Review + Report is available to all attendees, at $1250 ex. GST
  • Geocortex Analytics: 1 day install on dedicated server with basic configuration + 1 day of premium support for refinement post initial indexing, at $1250 ex. GST per day
Technology Update

- Geocortex Core 3.0.2*
- Geocortex Essentials 4.6.1*
- Geocortex Viewer for HTML5 2.7*
- Geocortex Mobile Application Framework 2.1*
- Geocortex Analytics 1.2**

Releases *August 24, **Imminent
Technology Update

- Intro to Geocortex Viewer and Apps – Damian Slee
- What’s new in Geocortex Essentials – Jon Lishman
- GMAF – Roland Lockhart
- Geocortex Analytics – Travis Booysen / Leo Liu
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*
• Identity providers and benefits

Geocortex Essentials Identity Providers

ArcGIS Portal
ArcGIS Online
Windows Server Active Directory
Office 365 Active Directory
Windows Azure
Intro to Geocortex Viewer and Apps

- Intro to Geocortex Viewer for HTML5
- 3 x Geocortex Apps
- Project – save, share, load
- Identity providers and benefits
- Publish to ArcGIS and Open Geocortex Web Map in Portal
- Create App using Geocortex Web Map + Web App Builder
WHAT’S NEW IN GEOCORTEX ESSENTIALS
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
- Improved Measurement
- Vector Tiles
- Save Drawings as Shapefile
- Batch Geocoding
- Layer Hyperlinks
What’s new in Geocortex Essentials

• Vector Tiles
  • Beta version released by Esri
    • Subject to change
    • Printing not yet supported
    • Some bugs
    • Lots of promise!
  • Geocortex support basic
  • Esri SDK + tools on GITHUB
What’s new in Geocortex Essentials
What’s new in Geocortex Essentials

- Vector Tiles
- Add Layers on-the-fly, Browse or Search Catalog
- Dynamic Map Symbolisation
- Integration
- Map Context Menu
- Data Store
GEOCORTEX MOBILE APP FRAMEWORK
Geocortex Mobile App Framework

Geocortex Essentials

[Image showing different devices connected to Geocortex Essentials]
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
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
• 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
• 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
USER STORIES
User Stories

- Department of Health, Maternity Services - Grace Yun
- Roy Hill, Journey Management System – Jon Lishman
- Wellington Airport - Carly Lambert
- Auckland Ports – Carly Lambert
- NRM Rangelands – Darko Radiceski
- Brisbane City Council – Darko Radiceski
- Transurban – Darko Radiceski
- JTC – Darko Radiceski
Roy Hill Journey Management System

- Thanks to Scott Paton, Troy Sutherland, co for sharing
- Proof of Concept
- Simulated data
- Journey Management System
  - Request
  - Approve
  - Monitor
1) Journey Creation
Roy Hill Journey Management System

2) Approval Email

From: JourneyManagementSystem@royhill.com.au
To: Lishman, Jon
Cc: 
Subject: Pending Journey Plan Approval from you

Hi,
A journey plan is submitted by Jon Lishman
Journey Start Date/Time = 08/Oct/2016 10:00:00 AM
Journey End Date/Time = 08/Oct/2016 12:00:00 PM
Journey Description = Repair sign

Click the link to perform approval
Thanks

3) Journey Approval
4) Journey Start and End
5) Sample Overdue Notification

The following journey has not been completed by its expected completion time: View Journey

<table>
<thead>
<tr>
<th>Planner</th>
<th>Guest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tetra</td>
<td>1234MyTestDevice</td>
</tr>
<tr>
<td>Mobile</td>
<td>0400000000</td>
</tr>
<tr>
<td>Journey Purpose</td>
<td>Repair Sign</td>
</tr>
<tr>
<td>Start Location</td>
<td>N/A</td>
</tr>
<tr>
<td>Planned Start Time</td>
<td>7/25/2016 8:40:36 AM</td>
</tr>
<tr>
<td>Actual Start Time</td>
<td>N/A</td>
</tr>
<tr>
<td>End Location</td>
<td>test</td>
</tr>
<tr>
<td>Planner Arrival Time</td>
<td>7/25/2016 10:42:41 AM</td>
</tr>
<tr>
<td>Overdue By</td>
<td>120 minutes</td>
</tr>
</tbody>
</table>
ROADMAP
Roadmap – Early 2017

- Geocortex Collaboration
- New versions
  - HTML 5
  - Geocortex Workflow
A quick message from Latitide …

2016 Geocortex Australian Road Show

Geocortex Research & Development

Cam Barnard

October 2016
Geocortex Collaboration

- Geocortex AOP 1.1 →
  - Geocortex Essentials core capability 4.7
  - Geocortex Active Operating Picture 1.2
- System of Engagement – Field, Office, Community
- Real-time sharing of content via apps
- Supports multiple ‘rooms’, text messages, graphics, images and map extents
New HTML 5 Version 3.0

- Geocortex Current JavaScript V3.18
- Esri recently release 4.0
  - Inherent 3D support
  - Asynchronous loading
- Very simple upgrade for OOB and workflow implementations
  - Varying degree of effort for existing customisations
New Geocortex Workflow Version

- Web-based design tool
  - Simpler and easier to use
  - No variables, just I/O
  - VBScript → JavaScript
- New dynamic forms based technology
  - Better control of look and feel, as well as form layout
  - Improved editing of drawings in graphic layers
  - Streamlined UX for creating and editing features
DISCONNECTED AND OFFLINE WORKFLOW!!!!!!!!!!!!!
Predictive & Forward Looking

Current estimates... not commitments
## Geocortex Roadmap Timeline

<table>
<thead>
<tr>
<th></th>
<th>2016</th>
<th></th>
<th>2017</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sep</td>
<td>Oct</td>
<td>Nov</td>
<td>Dec</td>
</tr>
<tr>
<td>ArcGIS</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Geocortex Essentials</td>
<td>4.6.2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GVH</td>
<td>2.7.1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GMAF</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Geocortex Analytics</td>
<td>1.1.1</td>
<td>1.2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Geocortex AOP</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cityworks Extension</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Geocortex Perspective</td>
<td>1.1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Documentation Center</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
AAM items of note

• Training
  • **Geocortex Advanced Training** – 2 day course early in November in Perth.
  • AAM will be providing public **Virtual Online Training** (VOT) on a quarterly basis.
    • $750 per day; maximum 6 PPL per course; aimed at new staff;

• User Forums
  • We have a great desire to implement an APAC focused **Geocortex user forum**.
  • On the road to getting this completed with **beta launch** soon.
  • You will get an **email** with a simple survey to kick off with **meaningful content**.

• Geocortex Roadshow offer – ends November
  • A Geocortex **Silverlight to HTML5 offer**: 1 day incl. **Review + Report** is available to all attendees, at $1250 ex. GST
  • Geocortex Analytics: 1 day **install** on dedicated server with basic configuration + 1 day of **premium support** for refinement post initial indexing, at $1250 ex. GST per day
Thank you!
geosolutions@aamgroup.com