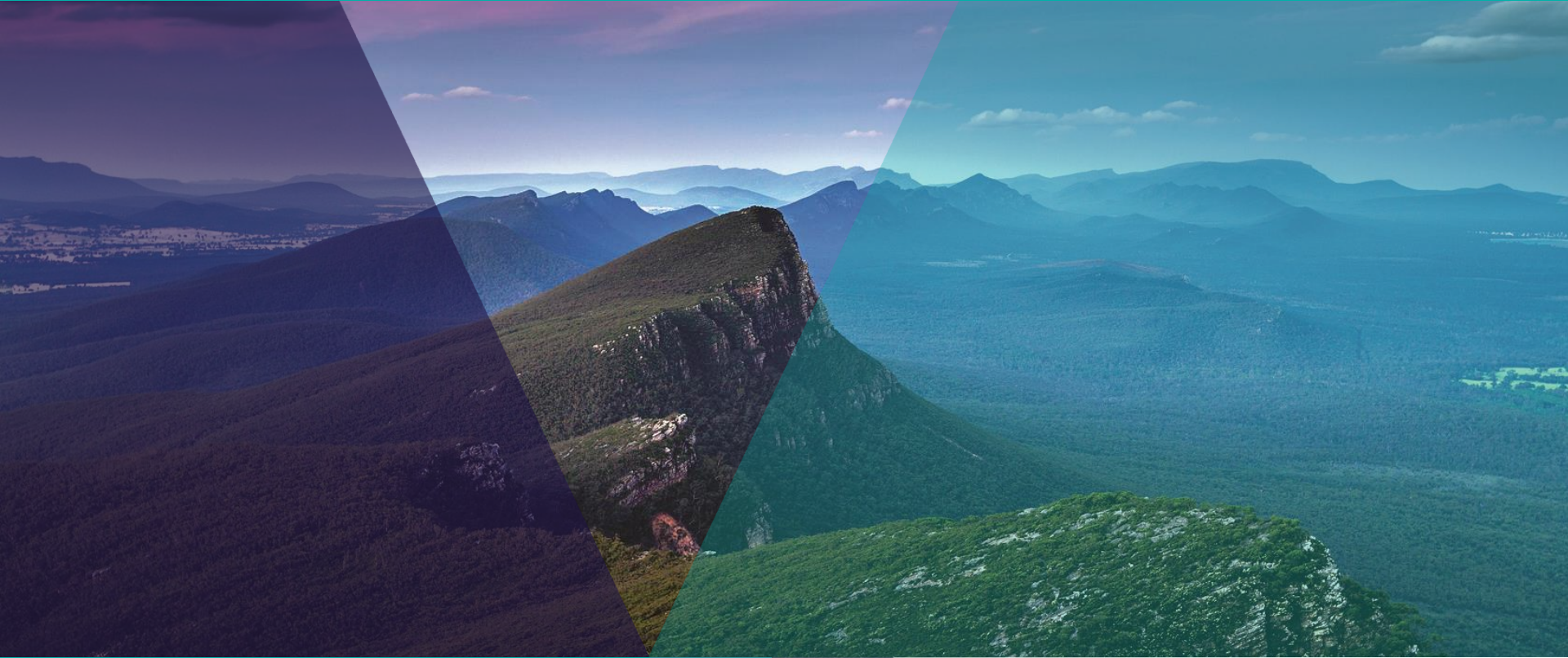


Mapshare Migration – The Journey



Pauline Kent, Slavo Salma



Environment,
Land, Water
and Planning

- Key Achievements
 - Completed majority of business requirements met
 - DEV Link:
 - <http://is-services-dev.aaa.depi.vic.gov.au/msg3.html>
 - **PROD link:**
 - <http://maps1.land.vic.gov.au/msg3.html>
 - Upcoming month – Custom Imagery search tweaks, Editing, Stabilising the site
 - Feedback response is timely (if related to decommissioning!).
- Overall Project Status:
- Stage 1 – Development environment set up - done
- Stage 2 – Printing, Reporting – done, final feedback
- Stage 3 – Custom functionality (eg Imagery search) & Editing
- Stage 4 – Release PROD site! 1st July 2016
- Stage 5 – Training and change management transitioning – most functionality by 31 December 2016
- Decommission Mapshare sites – from 30 June 2016

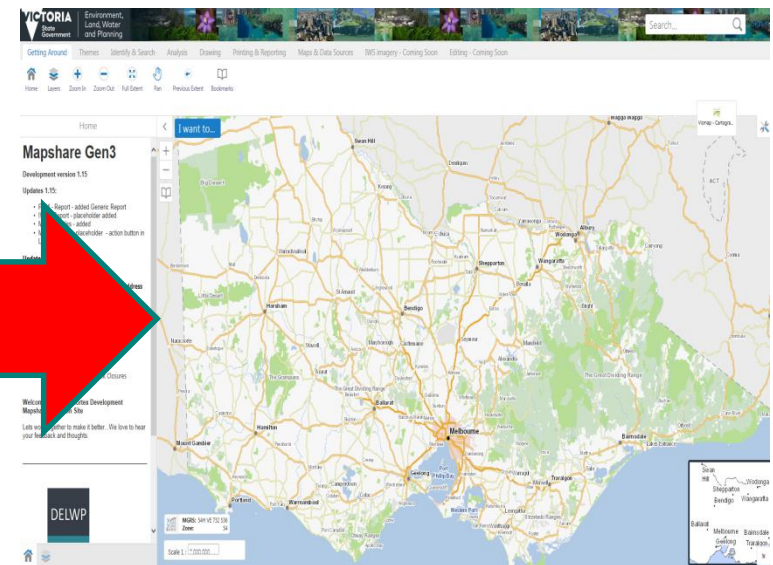
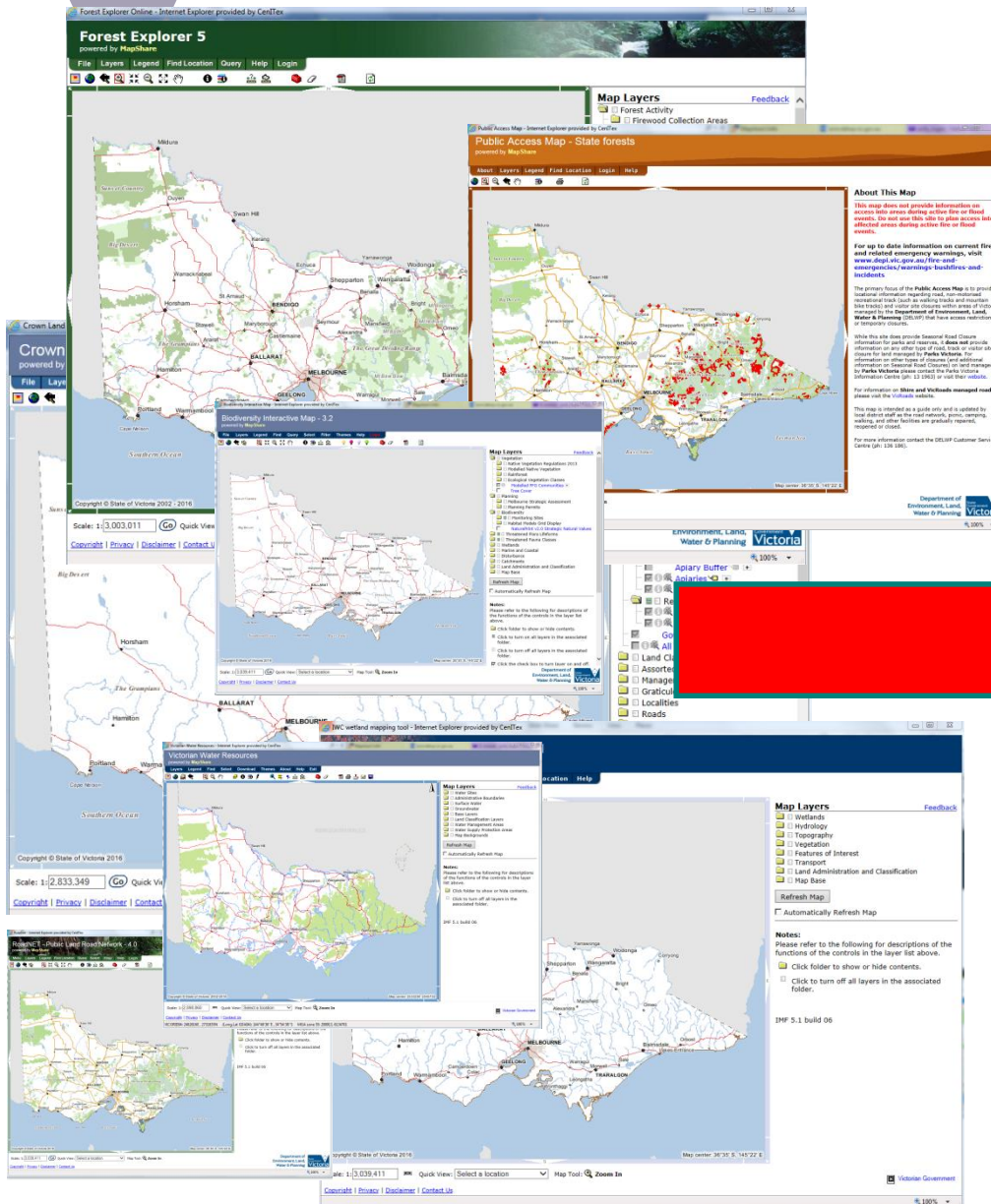
Phased approach

- “Agile” type sprints for each Phase of project, with releases every month
- Feedback is incorporated as soon as possible so users can see their feedback incorporated

Development

- Very steep learning curve – ArcIMS migrating to ArcGIS Server
- Geocortex and Workflows
- Automated Deployment scripting – DEV-STG-PROD
- Version Control systems in place
- Cross team collaboration – Data, Infrastructure, Applications, Other DELWP Divisions, Vendors (& of course – Cenitex)

Where we have come from



Current State



Basic Fn

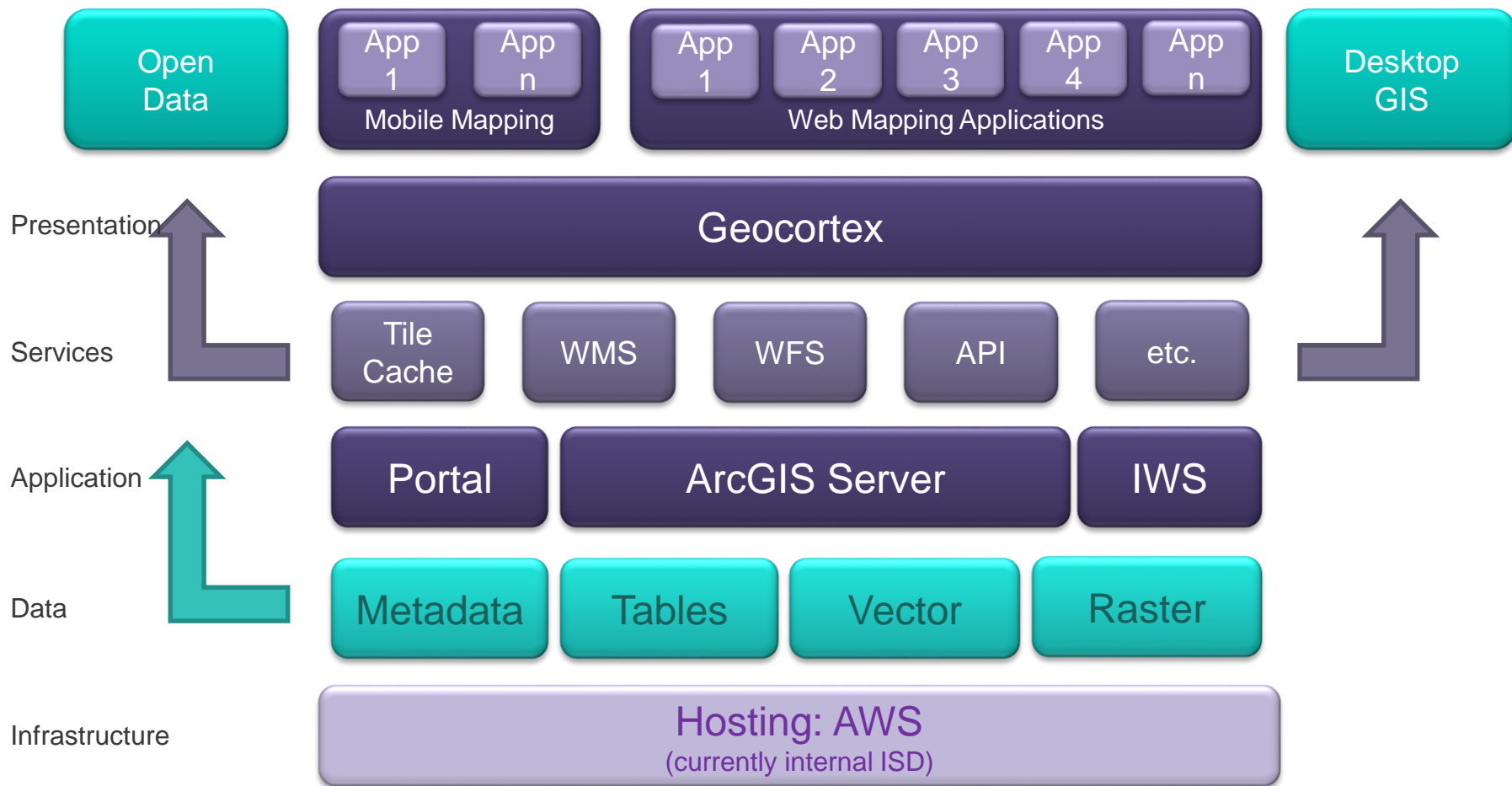
Advanced Fn

Low License \$

Higher Licence \$



Future State



Geocortex Essentials 4.5 & Geocortex Viewer for HTML5 2.6



8

- Planning – Smart Plan update of Planning Schemes Online, Planning Maps Online & Search for Planning Property reports
- Hydra – Water & Catchments collaboration tools in Mapshare
- GLIS-LUV requirements for use of Mapshare
- Web maps in DELWP update for new Website transformation project – eg Firewood Map, Office Locations, Water Maps updates, Energy – Power Distribution areas

- Ability to share code across different sites and different groups within Department
- Consistent look and feel, can be quickly updated when style changes occur
- Able to be maintained by multiple people internally and externally if need be.
- Modular components

- Lack of Scalability – not in AWS (as yet)
- Public site exposure
- Architecture documentation
- Reliance on My Profile for authentication
- Cenitex touch points – eg Firewall rules
- Change Management – Data, Application & Decommission process
- Custodianship issues – eg Water datasets, Energy, Office Locations
- Training resources are stretched tight
- Future Governance when more groups use platform

- Decommissioning old Mapshare sites progressively over June
- Training – Regional trips
- AWS design and build components for Spatial projects – Vicmap API, Raster & Mapshare
- Data and application integration - replication processes uplift, databases for federated editing, PostGres options tested
- Integration with ArcGIS Online, Portal & Mobile Geocortex applications development options – understanding them all first – Why you would use one over another?

Way Forward

ID		Task Mode	Task Name	Duration	Start	Finish	Predec	Priority	Resource Names	Cost	% Complete
1			Spatial upgrade projects	154 days	Tue 29/11/16	Fri 30/06/17	0			\$0.00	0%
2			Vicmap API	7 days	Tue 29/11/16	Wed 7/12/16	2			\$0.00	0%
12			Web Transformation project	77 days	Tue 29/11/16	Wed 15/03/17	1			\$0.00	45%
13			Offices locations External Map	14 days	Tue 15/11/16	Fri 2/12/16	1			\$0.00	33%
17	✓		Planned Burns map change	1 day	Tue 29/11/16	Tue 29/11/16	1			\$0.00	100%
19			FOP map change	1 day?	Tue 29/11/16	Tue 29/11/16	2			\$0.00	0%
21			Swoop Map	1 day?	Tue 29/11/16	Tue 29/11/16	1			\$0.00	0%
23	✓		Water in your Region web maps	1 day	Tue 29/11/16	Tue 29/11/16	2			\$0.00	100%
26			Wildlife web map - Code for Australia	1 day?	Fri 12/05/17	Fri 12/05/17	3			\$0.00	0%
30	✓		Spatial & Data Resources re-design	8 days	Mon 1/05/17	Wed 10/05/17	1			\$0.00	100%
35			Handover tasks	64 days?	Fri 2/12/16	Wed 1/03/17	1			\$0.00	0%
40	✓		ISD Maps Checking Page	1 day?	Tue 29/11/16	Tue 29/11/16	2			\$0.00	100%
42			ISD Infrastructure	1 day	Fri 30/12/16	Fri 30/12/16	1			\$0.00	0%
54			AWS Cloud	154 days?	Tue 29/11/16	Fri 30/06/17	1			\$50,000.00	0%
58			Image Web Server				5			\$0.00	0%
61			Raster Data Platform				2			\$0.00	0%
64			Data base updates				2			\$0.00	0%
67			Data Replication				3			\$0.00	0%
70			Open Data - Data Share				3			\$0.00	0%
73			Discover Data Strategy				5			\$0.00	0%
76			Metadata				5			\$0.00	0%
80			eCommerce				3			\$0.00	0%
82			QGIS				3			\$0.00	0%
86			Mobile applications				5			\$0.00	0%
90			SDM		Tue 29/11/16		5			\$0.00	25%
95			My Profile				5			\$0.00	0%
99			Stakeholder Engagement/CRM				5			\$0.00	0%
103			Gp Services				5			\$0.00	0%
107			Land Channel				5			\$0.00	0%
113			Mapshare migration project		Fri 30/06/17	Fri 30/06/17	2			\$0.00	2%
OUTSTANDING TASKS											
132			Help files				1			\$0.00	0%
160			Contract Management				5			\$0.00	0%
166			ESRI Enterprise agreement	1 day	Tue 29/11/16	Tue 29/11/16	5			\$0.00	0%
171			Portal/ArcGIS Online/Mapshare integration	1 day	Tue 29/11/16	Tue 29/11/16	5			\$0.00	0%