Slide presentations (*) and links from presenters are posted on the Alaska Smart Communities Forum (https://akscf.matsugov.us).

Introductions (*)	Doug Miller

Enterprise GIS for All (*)	Anne Johnson
	BP

- Leveraging good working processes and using them in other areas that need better processes
- Geographic foundation needed to be mobile for field use as well as answer questions using analytics; developed "Deployment Kit" to address all the needs and created a single geographic dataset for all the various agency needs – interrelationship between the different functional groups of BP
- Users now provide solutions that are shared globally. Reducing redundancy and improving collaboration.
- Integration with platforms like PowerBI.
- Platform approach: from silos that have work through a GIS Specialist to data through open portals so all employees worldwide can use the datasets to accomplish their business goals.
- Enabling people to use data: Processes minimized to datasets; GIS technicians able to focus on developing technologies that will help strengthen organizational goals.

Questions:
- Struggles?: Some regions felt they had things taken care. Struggles in idea of accessibility & openness.
- How do you communicate to users? They find something they are interested in and ask the questions.
- Data sharing issues with info they shouldn't have? Has happened. However, employees are cautious about sharing.
- Infrastructure? Was physical, but is being migrated to cloud based?
- Adoption by users? Is it being embraced? GIS Role/function became official with rollout of OneMap. User adoption was favorable.
- Robust training program to show employees? There is a gallery/site on portal with training materials; overhead for regions is low. There are outreach events & big showcase on summer for new enterprise sites.
- Integrating with other application/databases? Single view SDE database with redundancy; redundancies are being eliminated, which will be a long process.
- How did this start? Brian Boomai championed this vision and voice of this effort.
- Image service? Yes

Slide presentations (*) and links from presenters are posted on the Alaska Smart Communities Forum (https://akscf.matsugov.us).

Integrating Images with GIS Systems (*)	Muth Sampath / Ryan Quigley / Aaron Butterer
	Mapillary / Alaska DOT&PF / Alaska Railroad

Muth Sampath:
- Mapillary data/images available for use by anyone.
- Integration with Esri data layers
- 3D modeling created from multiple images

Ryan Quigley:
- Use street imagery to track project development.
- Google Streetview was their primary tool, was looking for another solution since the data has been aging; this product gave the information he needed. Also found out that State does collect imagery, but it isn't easy to upload.
- Currently being reviewed as a solution with a current construction project.
- Images are crowd sourced – images sent by anyone. Cell phone can be through their app.
- Question: QC? (Muth) Mapillary sees all images as valuable, no image as "junk".   GPS might be a little off, but they still see it as useful.

Aaron Butterer:
- Chose because it was compatible with Esri platform.
- Hosting imagery charge if imagery is not public.
- AegisSoft Metashade used to create 360 imagery elevation.
- Questions:
  - How often: Initial test phase right now; bugs being worked out; will be determined how frequently after review. Will eventually be integrated into their regular public maps.
  - Is data public? The RR does not want it to be public at this time, maybe later when the imagery is older.
  - Interest on funding partner with FRA? No – right now an in-house
  - How long did it take to do the project? 2 weeks, 6 days, 14 hrs/day

Local Government Data Sharing (*)	Mike Knapp / Eric Wyatt
	Municipality of Anchorage / Mat-Su Borough

Mike Knapp:
- Important to call organizations and verify data source before using it.
- Question:
  - Mentioned "update weekly" – how much update is happening on a weekly basis? This is a rebuild every week.
  - Ideal world, build an access layer instead of excel spreadsheet? Yes, that would be ideal.
  - 911 data from MatSu? May respond to emergencies within Kenai/Mat-Su boundaries.
  - A lot of work? A lot of work to set up, but now it is stable.

Eric Wyatt:
- Question: Integrating Autocad data into Esri? At this time, no, but do for parcel build process.

Slide presentations (*) and links from presenters are posted on the Alaska Smart Communities Forum (https://akscf.matsugov.us).

Building Smarter Communities	Rob Lloyd, CIO
	San Jose, CA

- People are more connected and more fragmented than ever before (creating heighted tribalism).
- A huge amount of public services are not revenue generating. Partnerships created to help fund services.
- IT identified as a technology asset in 2016: City's Council wanted a vision that included investment in creative, impactful technologies
- Necessary because people are moving to cities or the areas very near cities.
- A lot of potential to touch, control, sense and react to public needs (safety, health, etc.)
- Two lessons: The world is more connected; data is not just tabular – it also audio, video, etc., and exponentially increasing in types.
- Need access/analyze to get patterns/insights to predict/automate/act. Need to be ready to manage through AI because it is no longer humanly possible to process the data intelligently.
- Every solution is now a multi-department partnership. Also needs to identify Equity vs. Economic to minimize fragments.
- Compass: Champion the customer – Learn through data – Iterate to improve
  - If you misinterpret data, you can make a $1B error. This is the importance of AI to process data intelligently.
  - If something is identified to work on, but it is not the City's issue to work on, identify who should be and develop the partnerships necessary to get the work done.
  - Helps to identify focus for Council and City.

Questions:
- Partnerships with Homelessness? Yes.

Digital City Data Management & Analytics	Rob Silverberg
	Dell

- City of Tomorrow: Where are we today – where are we headed – how do we get there?
  - How to leverage technology
  - How to leverage data collected and share
- Focus: Outcomes -- Technology to solve problems
- Trend from cities having silo-ed data services to an environment where the data between services is interconnected.
- Platforms valuable because they are reusable. Platforms are strategic approach to repeating the same architecture over and over.

Alaska Smart Communities Forum
November 8, 2019   8:00 a.m.-12:00 p.m.   Atwood Conference Center, Anchorage
Meeting Notes

Slide presentations (*) and links from presenters are posted on the Alaska Smart Communities Forum (https://akscf.matsugov.us).

Questions:
- What are some things our area can afford easily & communicate ROI to citizens? Develop data drive culture – generate data stories for the data you have.
- This forum shares ideas. Is there a network of communities outside that also share? Growing trend for a Smart Region approach – going to a Consortium next week near Phoenix/Tempe who is looking to lead the way.
- Creating data stories? Data story is looking at data & trying to create what the data means to you. Example: police incident data by type – hot spots, increases/decreases.
  - MSB has built app where citizens can notify where seniors live so that emergency responders know where they are for ckins in the event of emergencies. MSB also uses Story Maps to share 'stories' to get buy-in by management and other departments. ROI must be seen.

Partnerships	Chris Noll
	Denali Borough

LEPC made recommendation for official street addresses to be maintained by the Borough. Through this Forum he connected with Sierra/MTA. MTA & Golden Valley wanted official street addresses as well. Partnered with MTA and was able to task a few high school interns on the project; they created a rough draft of addressing data which has helped the Borough be well on their way to implementing official street addresses. The Borough is currently updating their parcel & street layers and hopes to roll out future street addresses online for all current and future home owners. Appreciate the help MTA provided.

Updates/Announcements	Doug Miller

- AML: Doug will be making presentation there for Smart Communities.
- Next Forum – February 25, BP Energy Center. Potential for presentation by Johns Creek, GA. & AFD. Send any topics/presenters you would like to hear to Doug.
- Geofrontiers (formerly ASMC) – April 6-8, Denaina Center
- EricW: Leadership involvement is crucial to this Forum; encourage them to attend.
- Business Partnerships/Forum Sponsorships: Contact Doug.