

Hope for the Best, Prepare for the Worst: Modern Communications Technologies for First Responders

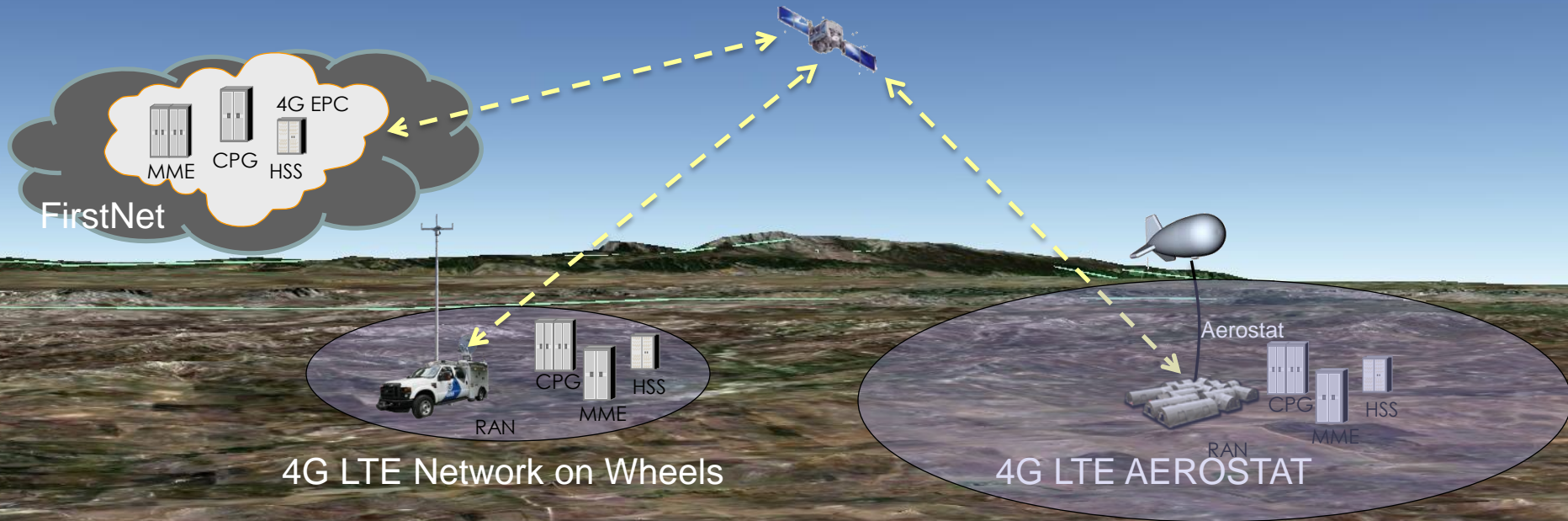
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Hope for the Best, Prepare for the Worst: Modern Communications Technologies for First

- We can not possibly harden and protect Public Safety Mobile Broadband Systems to provide 100% availability.
- How do we prepare for the worst? What do we do when all else fails?
 - Drive call processing to the edge.
 - Provide local application delivery
 - Backhaul only what is necessary.
 - Support graceful degradation of service.
 - Be fully interoperable with fixed assets.
 - Provide local control and provisioning to communications officers in the field.

Deployable Systems



Deployable LTE Networks

- Quick and easy to deploy.
- Local Core Network provides LTE call processing at the edge.
- On-board Application Servers can provide video, voice and data without backhaul.
- Interoperability with FirstNet Network.
- Local visibility, provisioning and control.

Summary

- We need alternatives since we can not harden fixed Public Safety Mobile Broadband Infrastructure to provide 100% availability.
- Deployable Systems can assure that Public Safety always has access to critical communications by:
 - Drive call processing to the edge.
 - Provide local application delivery.
 - Support graceful degradation of service.
 - Provide local visibility and control.