



BUILDING A SMARTER ENERGY FUTURESM

Keeping Pace with Security Risks and Opportunities

Ed O'Neil

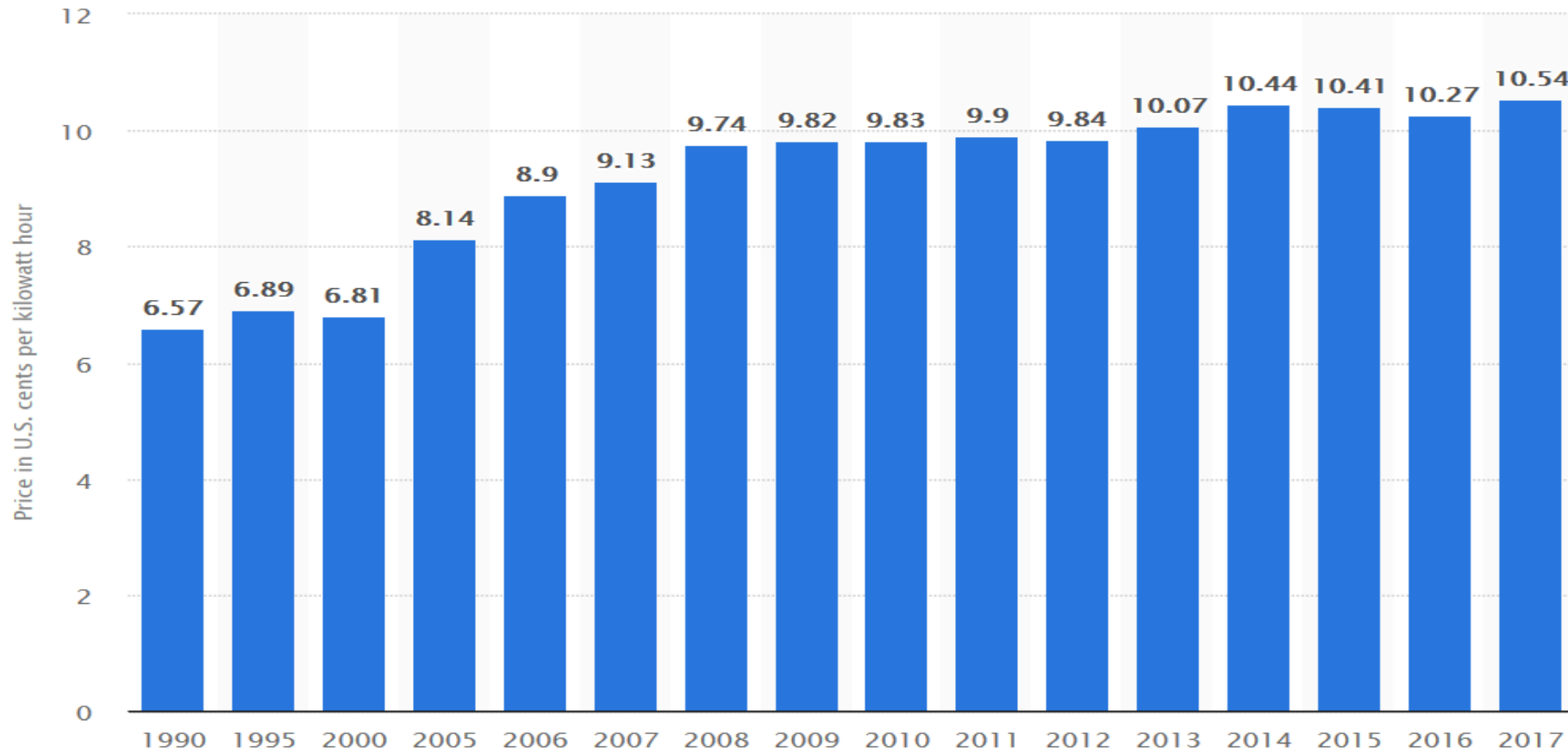


Change is the new standard...



United States cost of electricity

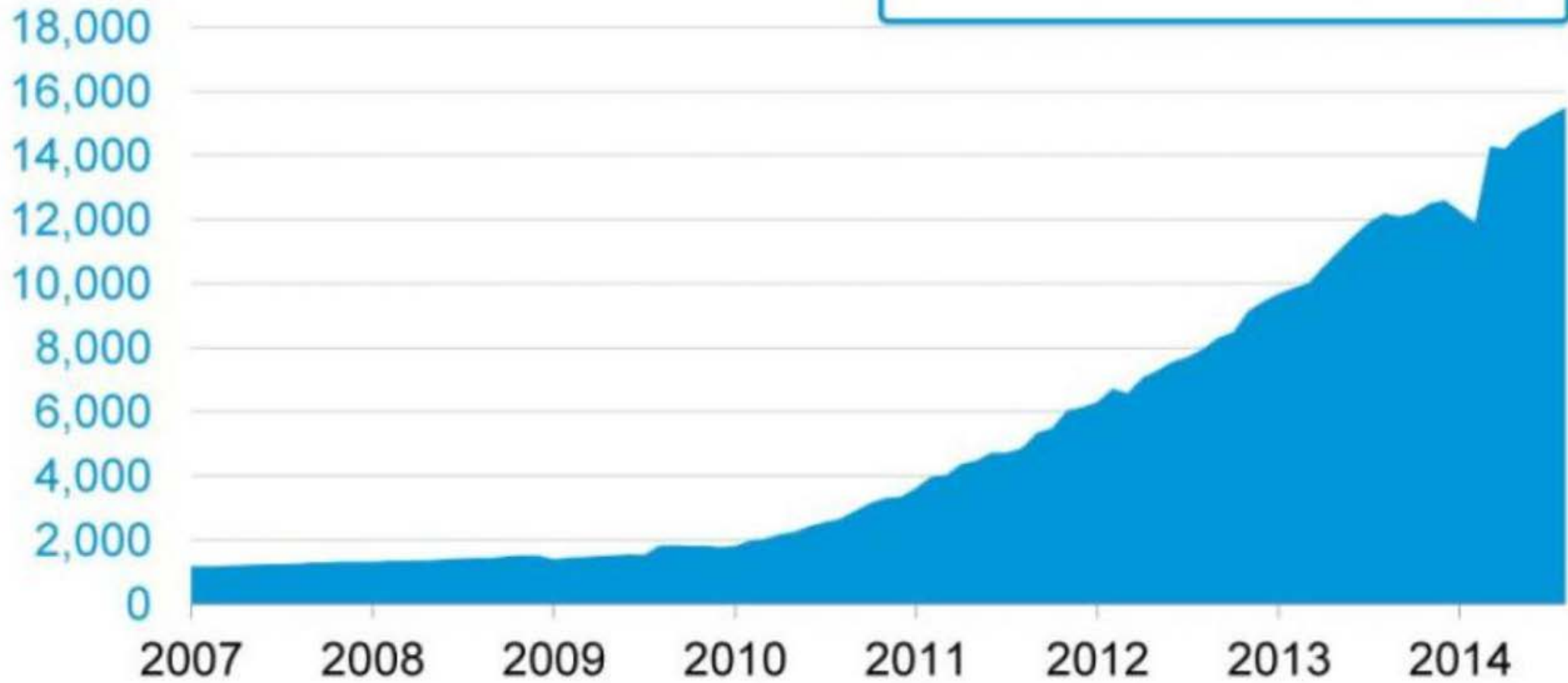
(in U.S. cents per kilowatt hour)



Marcellus Natural gas production

million cubic feet/day

Gas +247
million cubic feet/day
month over month



Security Operations Transformation



Efficiency



Automate

Future State

Operating Model Changes

- Modify our organizational structure and leadership model
- Increasing Security Effectiveness
- Leveraging Business Efficiencies
- Transforming the Organization's culture

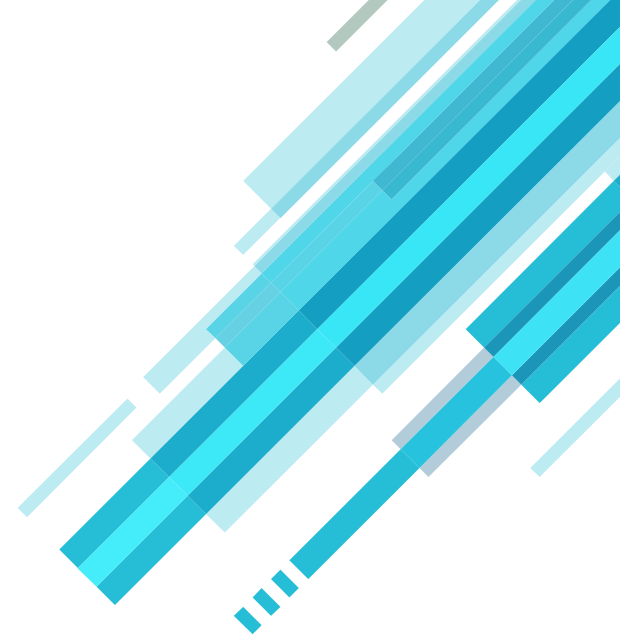


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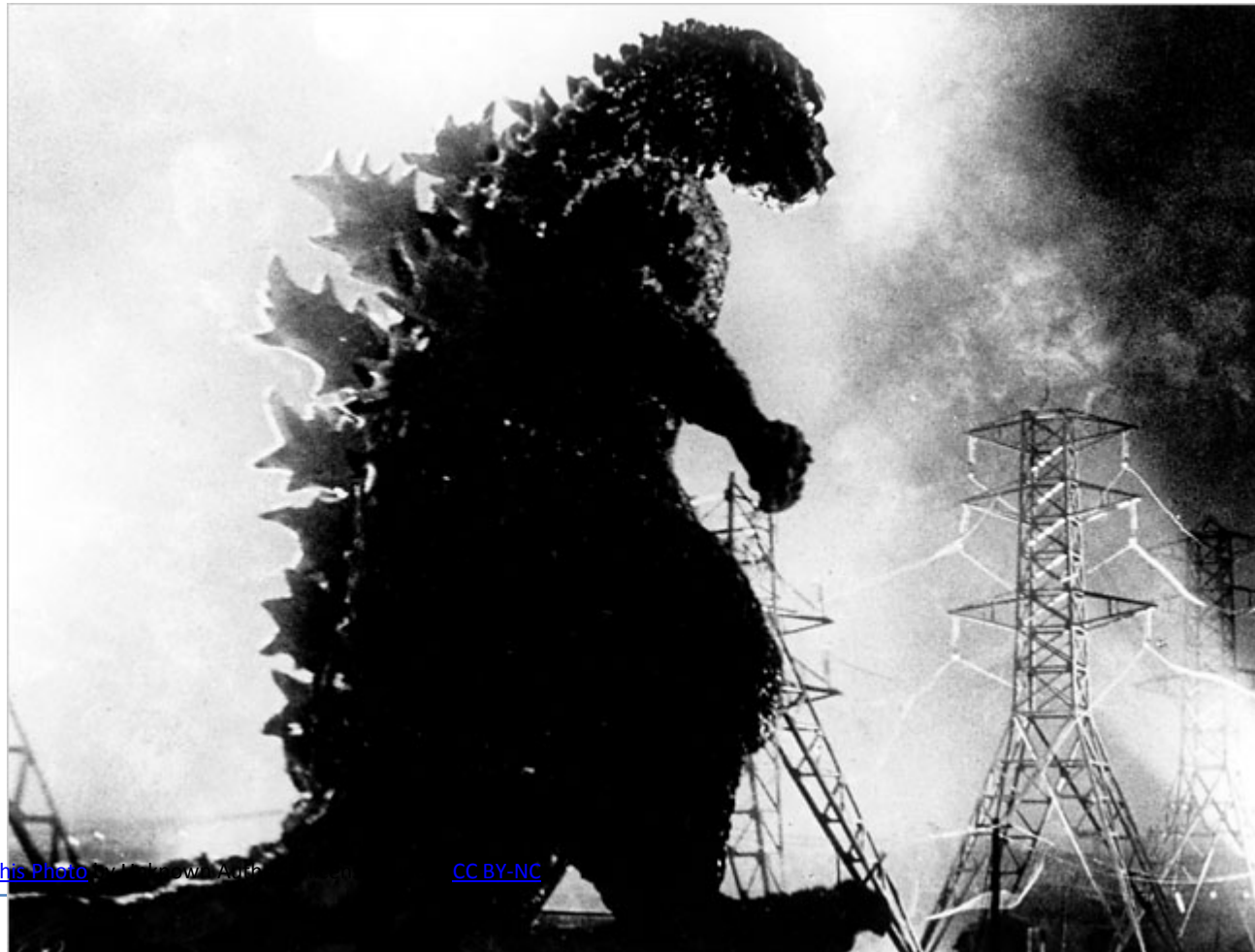
Transformational Change versus Disruptive Change

Transformational Change

- Change in process or strategy
- Slow, painful process
- Used to adapt to changing environments
- Not used by all...



Disruptive Change

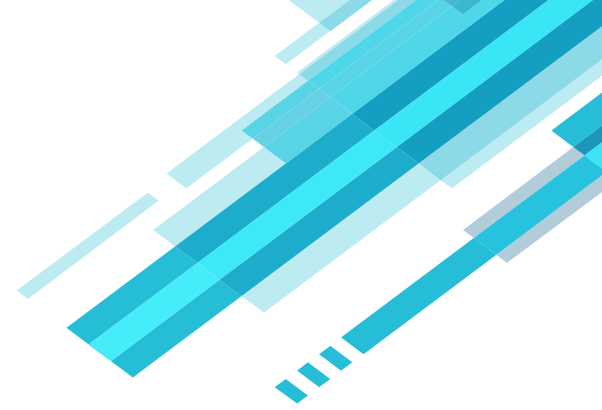


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Disruptive Change...

- Uber, the world's largest taxi company, owns no vehicles
- Facebook, the world's most popular media owner, creates no content
- Alibaba, the most valuable retailer, has no inventory
- Airbnb, the world's largest accommodation provider, owns no real estate



Are we Ready for Real Change?

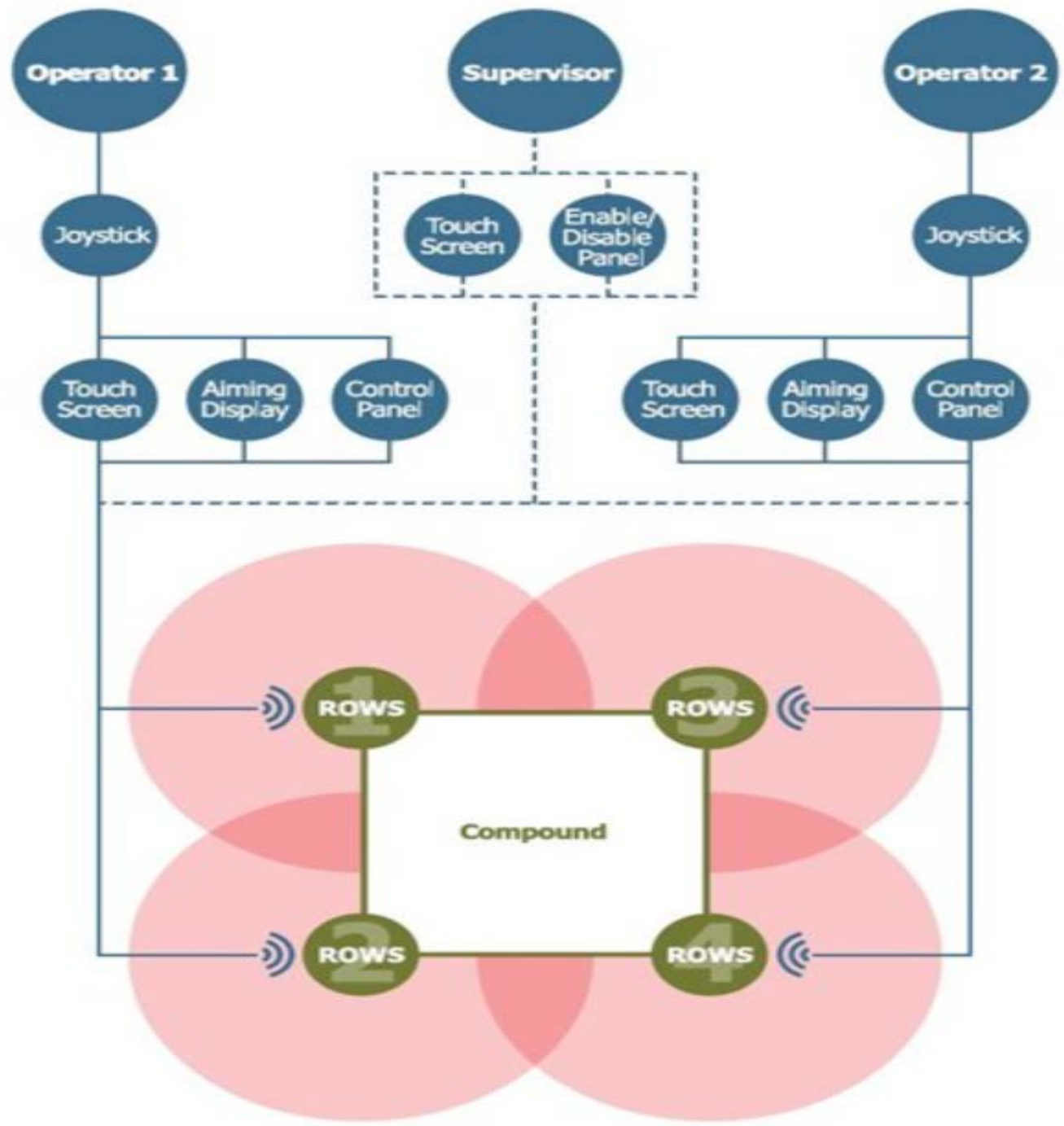
Disruptive Change?

Isometric View



Muzzle View

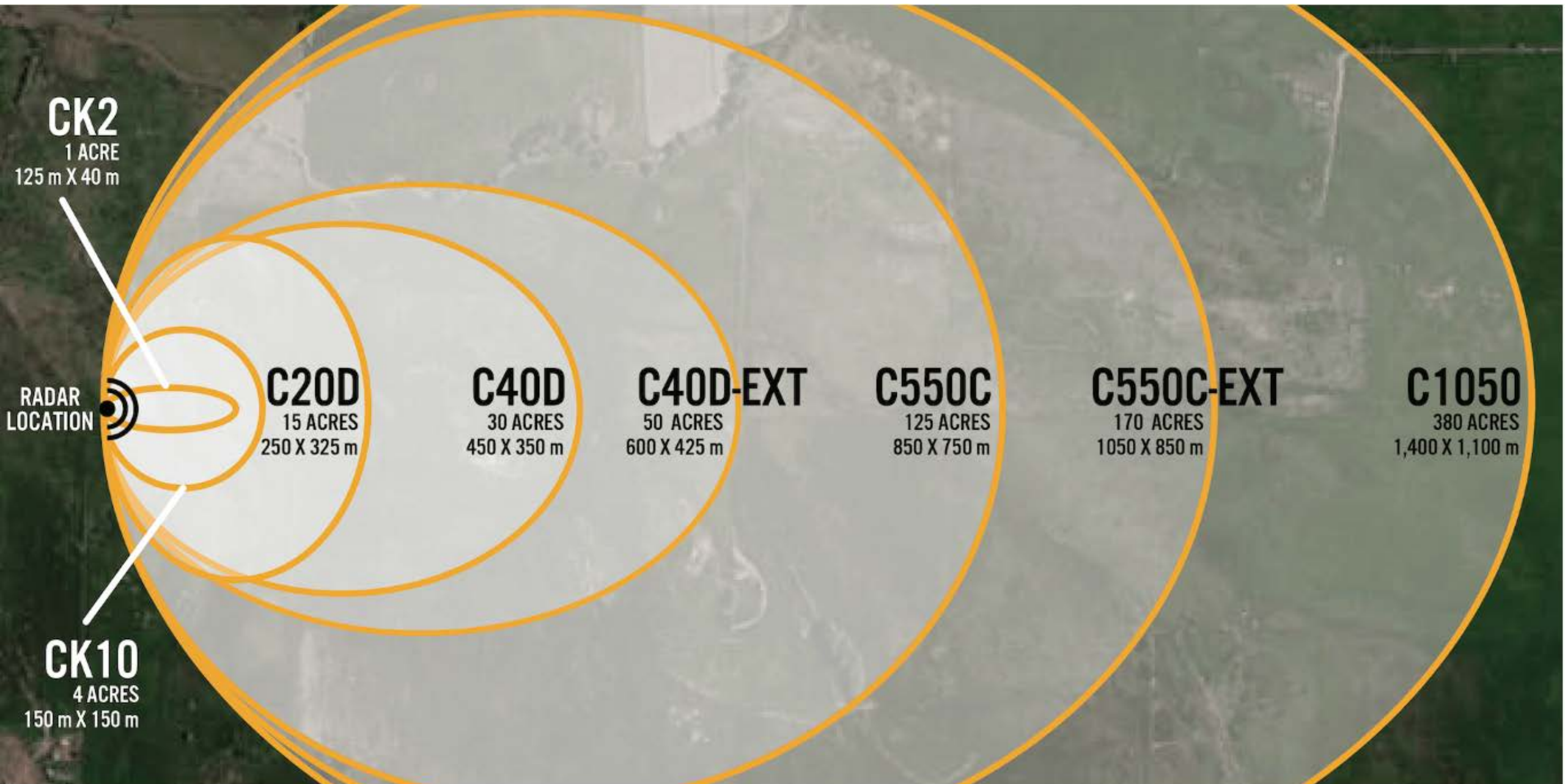


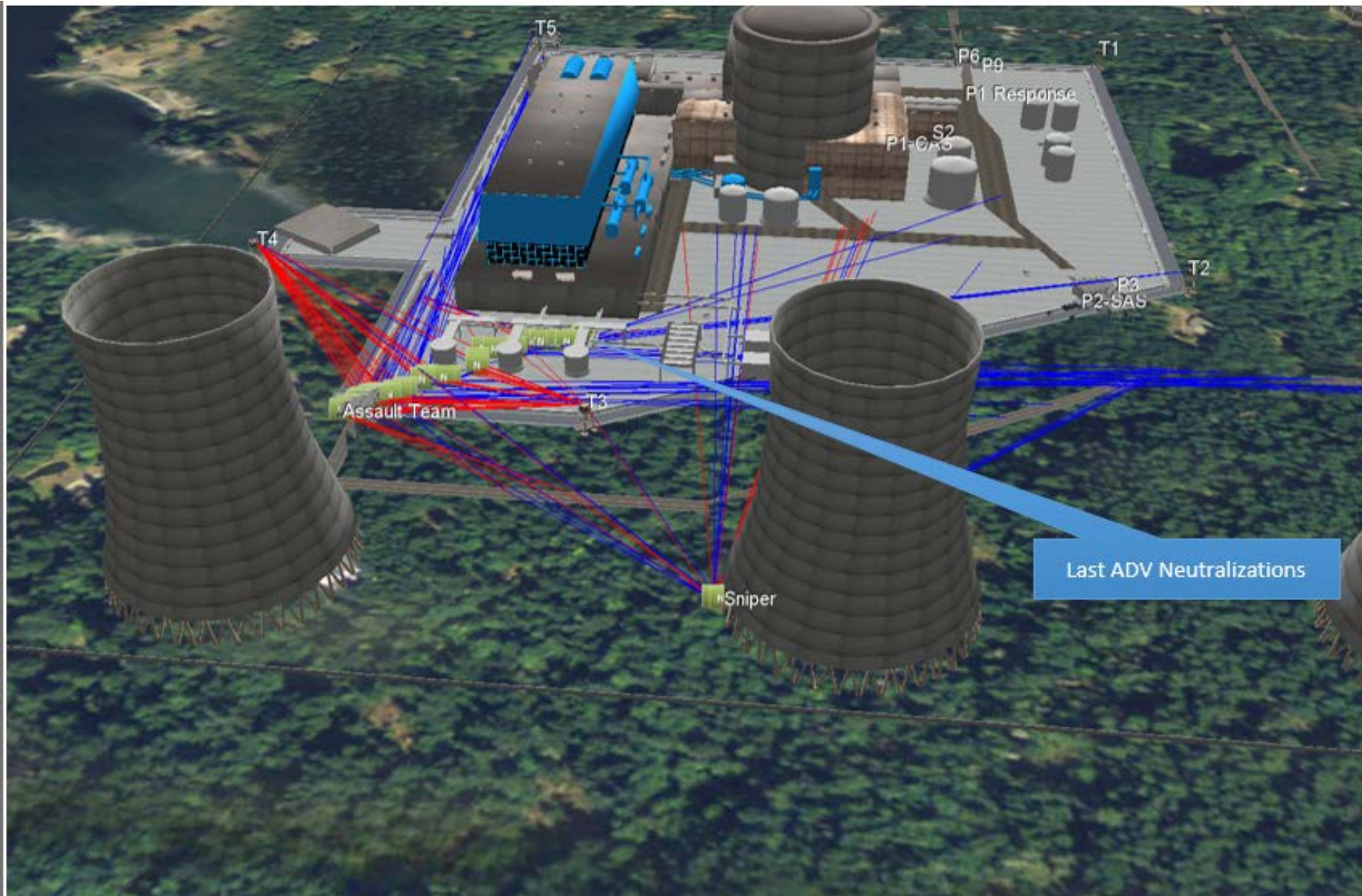















***Our future is only limited by our
imagination of the application of
technology...***