

Smart Communities & Resilience



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Digitally Connected and Interactive



***Sensors, Information, Communication,
Analytics + Artificial Intelligence – To Improve Reliability,
Resiliency, Restoration ... and Consumer Value***

Current Assessment Method for Storm Recovery

How do we it today?



Determine damage and impact on recovery performance using pencil and paper

Physically transport information to office

Enter information into database

Deploy resources to repair damage and restore power



New Approach: 'Augmented Reality'

9:46 5615 Glen Forest
Blue - OH YFW
Pole - 1 AFE91, AT&T, 40 class S
OH XFR - 25 kVA
Primary - #2 ACSR
Secondary - 2/0 Triplex
1 Otc Service
1 URD Service
9:45

9:50 5621 Glen Forest
Yellow - URD termination fuse
Pole - 1 AFE92, Bell So., 40 class S, Deadend
Primary #2 ACSR
2 Fuses to UG Dips/Terminations
2 - 25 kVA UG cable
6/3 Secondary
9:53

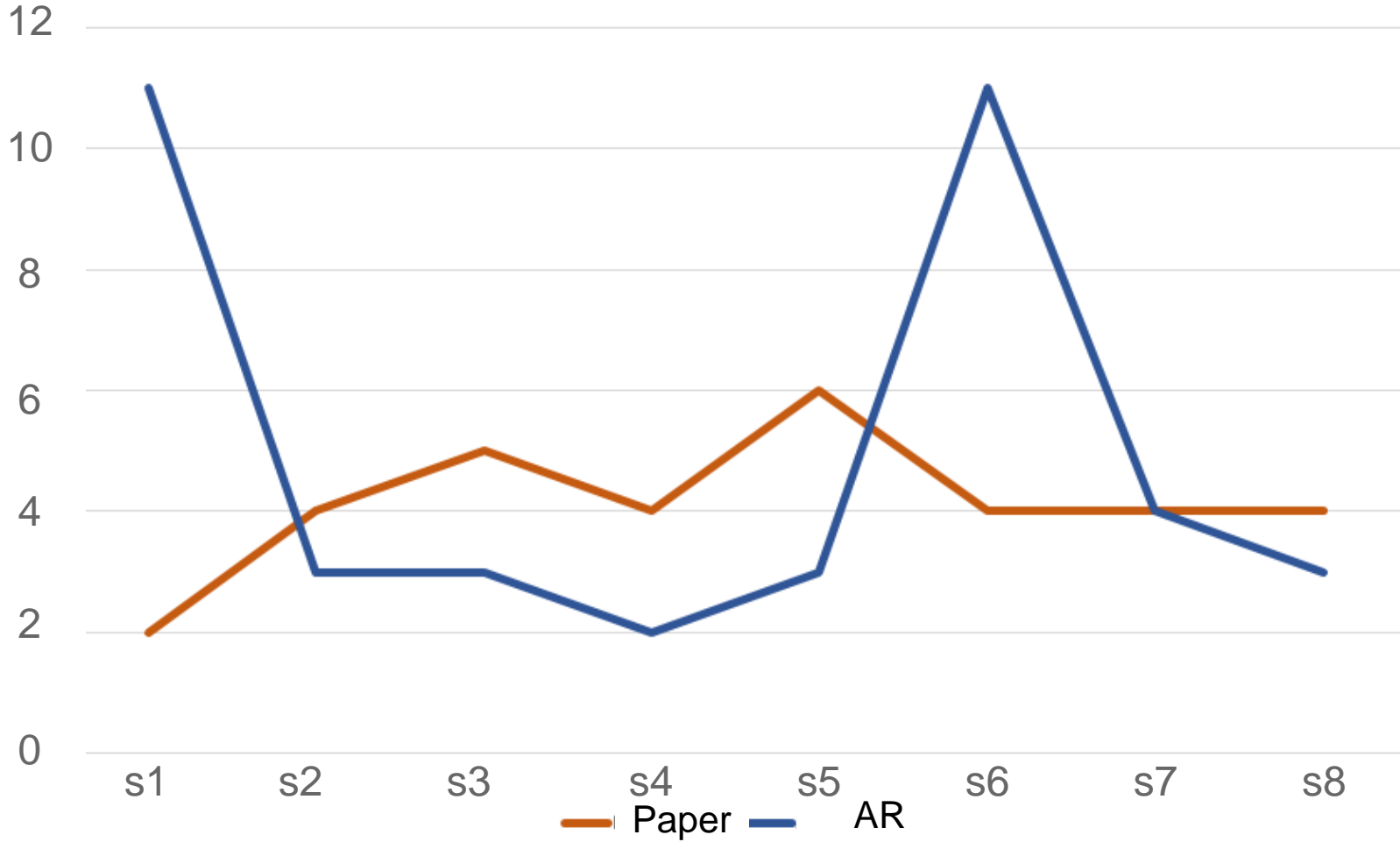


Paper

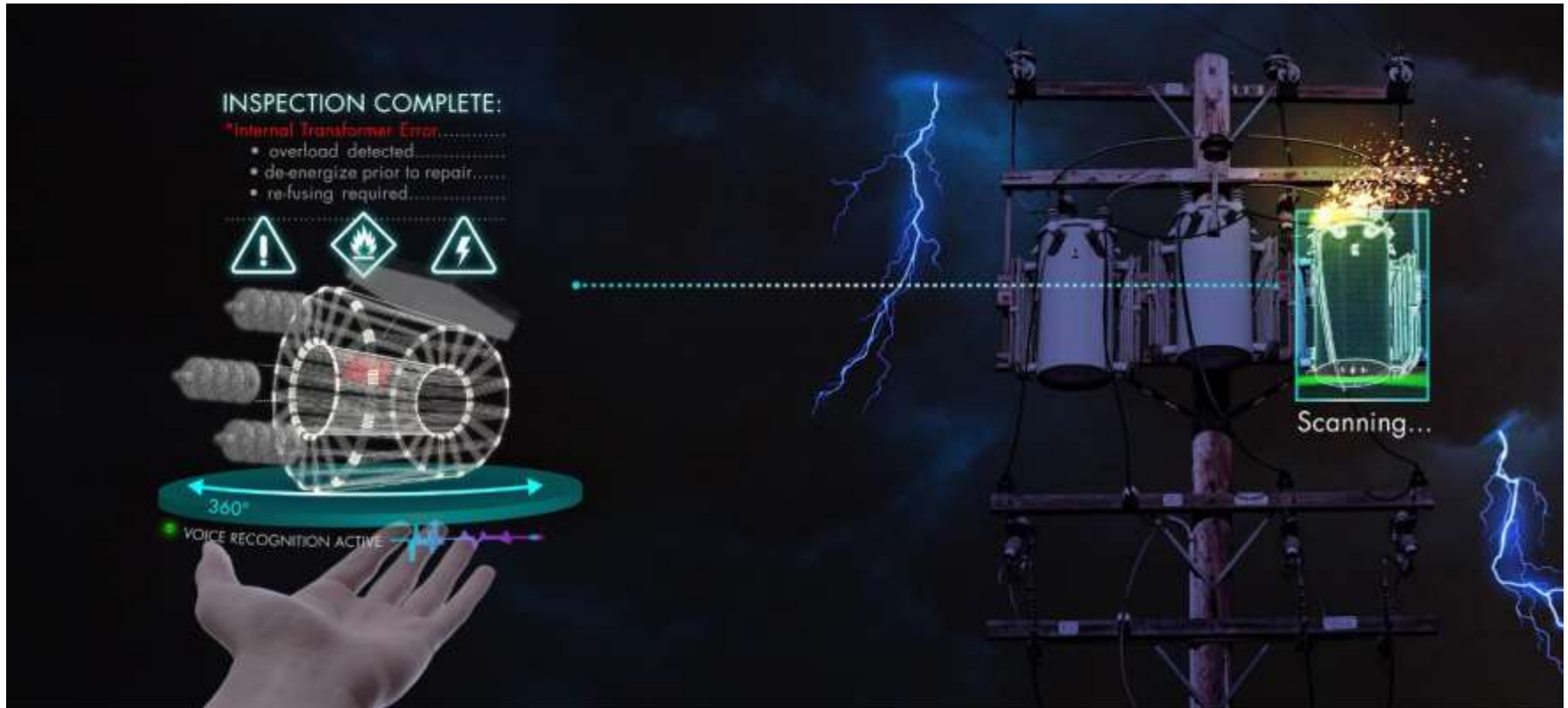
'AR'

Time per site for Paper vs AR

Minutes



'AR'



Field worker training



Emerging and Enabling Technologies



Sharing Economy



Cryptocurrencies



Augmented Reality



Blockchain Transactions



Together...Shaping the Future of Electricity