

METERING LEADER SINCE 1904



THE EASTERN SPECIALTY COMPANY

ZERO-INFRASTRUCTURE AMI



A TESCO COMPANY



Presented by Jon Scott
For Southeastern Meter School
Wednesday, March 15, 2023





ZERO-INFRASTRUCTURE AMI

- About Nighthawk
 - 25-years of utility experience
 - 100+ utilities served
 - AMI Solutions
 - Full-Deployment
 - Tactical

Now a TESCO Company!



A TESCO COMPANY





ZERO-INFRASTRUCTURE AMI

AMI | ADVANCED METERING

When you think “**AMI**,” what one word comes to mind?





ZERO-INFRASTRUCTURE AMI

AMI | ADVANCED METERING

- Majority AMI Solutions Require Costly Infrastructure:
 - Towers, Repeaters, Collectors, Access Points, etc.
- Many Require Additional Resources:
 - Network Administrators, DBA's, RF-Techs, etc.
- **Many AMI Technology Flavors**





ZERO-INFRASTRUCTURE AMI

AMI | ADVANCED METERING

- Defining Zero-Infrastructure AMI
 - No Costly Infrastructure to Install/Maintain
 - Communications Under-Glass
 - IT Friendly / Cloud Hosted





ZERO-INFRASTRUCTURE AMI

AMI | ADVANCED METERING

- Zero-Infrastructure AMI
 - Cellular-Only
 - Full deployment or tactical
 - Cellular-RF Mesh Hybrid
 - Full deployment (great for small – medium size utilities)
 - Fiber
 - On the rise especially with the electric cooperatives
 - Fiber to pole or Fiber to home solutions





ZERO-INFRASTRUCTURE AMI

AMI | ADVANCED METERING

- Zero-Infrastructure AMI cont.
 - Leveraging Private LTE
 - Mostly applicable to large utilities / IOU's
 - Protect lifespan of the data backhaul
 - Easy access to higher frequencies and amounts of interval data for AMI 2.0 applications



METERING LEADER SINCE 1904



THE EASTERN SPECIALTY COMPANY

THANK YOU

Jon Scott

(404) 451-8444

jonathan.scott@nighthawkcontrol.com

