





































Presented by Jon Scott

For Southeastern Meter School Wednesday, March 15, 2023



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

### Now a TESCO Company!







#### AMI | ADVANCED METERING

When you think "AMI," what one word comes to mind?





#### AMI | ADVANCED METERING

Majority AMI Solutions Require Costly Infrastructure:

• Towers, Repeaters, Collectors, Access Points, etc.

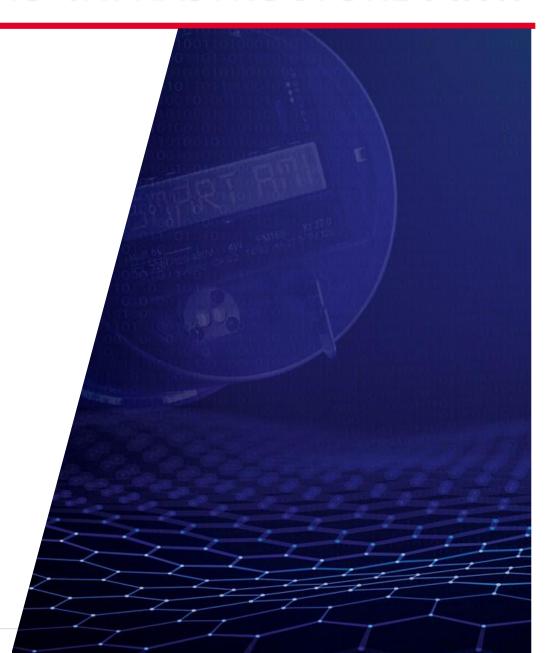
- Many Require Additional Resources:
  - Network Administrators, DBA's, RF-Techs, etc.
- Many AMI Technology Flavors





#### AMI | ADVANCED METERING

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





#### 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





#### 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





THE EASTERN SPECIALTY COMPANY

# **THANK YOU**

Jon Scott (404) 451-8444

jonathan.scott@nighthawkcontrol.com

























