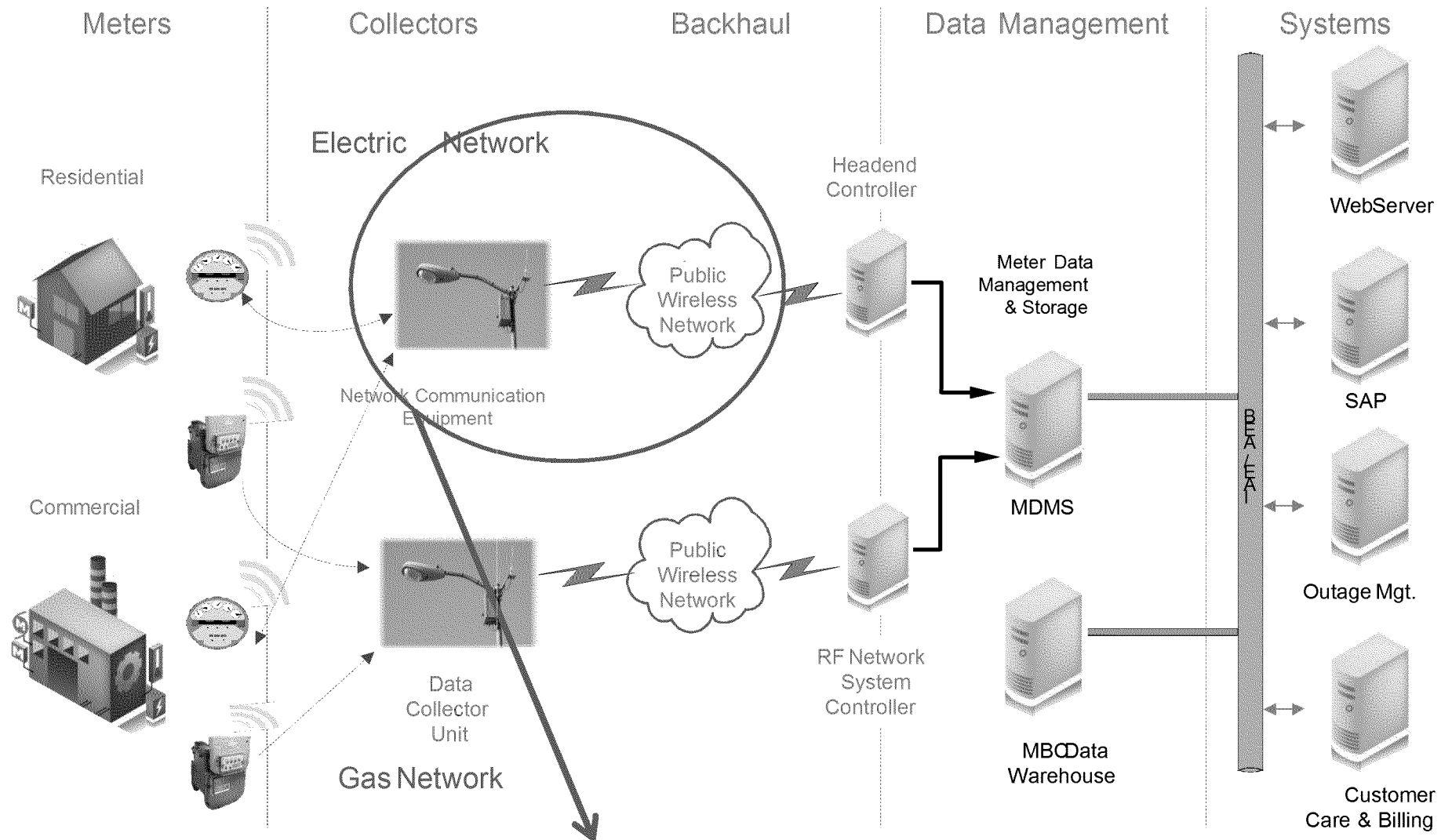




SmartMeter™ Technologies



Key focus areas for EPIC Project #14: lower / eliminate backhaul cost and increase bandwidth and transmission rates to enable non-AMI data traffic



EPIC Project #14: Key Benefits

Substantial O&M Savings: Demonstrate technologies to lower ongoing Operational and Maintenance (O&M) costs without adversely impacting core SmartMeter™ AMI functions of billing, remote connect / disconnect, outage and homearea network (HAN).

- Evaluate new technologies with the potential to reduce carrier-dependent cellular and data circuit backhaul costs;
- Test connectivity, security, latency, and data traffic use cases;
- Assess new extended range communication devices which are more economically-feasible to serve remote or rural areas.

Broad Platform for Safety and Reliability Enhancement Enable techniques and technologies that securely and efficiently send non-AMI communications over the AMI-network.

- Assess next-generation network devices that dramatically increase data transmission rate, increase bandwidth and/or decrease latency;
- Establish criteria by which many potential PG&E products and services – including those that enhance reliability and safety – can leverage the network.