

## IP over the Modular Communications Interface (MCI)

- Abstract – Why IP over the MCI make sense
- Background
  - Short intro to the MCI / Why the MCI is needed
  - IP is it practical for embedded devices
  - Code and memory footprints
- Benefits of IP connectivity to the Appliance
  - No Gateways
  - Improved security
  - Reduces costs
  - Improved maintenance / management
- IPv6 – The new IP
  - Address space
  - Stateless Address Autoconfiguration
  - Comparison to V4
- TCP or UDP / HTTP or COAP
- IP over the MCI
  - How it will work
  - Security considerations
  - Integration with the the Smart Grid, AMI network and HAN