

**Project: IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs)**

**Submission Title:** Additional Potential Use Case for TG4m

**Date Submitted:** January 2012

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**Re:** Call for Contributions(TG4m)

**Abstract:** Additional potential use case is proposed for TG4m

**Purpose:** Provide additional potential use case for TG4m

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# Summary of Existing Use Cases for TG4m

- Existing Use Cases considered
  - Smart Utility Networks
  - Intelligent Transportation Systems
  - Surveillance, control and monitoring network
  - Infrastructure Monitoring
  - Local Network in Machine to Machine
- General Description of some key parameters
  - Environment: indoor or outdoor
  - Data rate: general <2Mbps, up to 10Mbps
  - Mobility: fixed or mobile
  - Operating range: up to several Kilometers

# Additional Use Case

- Wireless broadband based digital signage systems



# Key Parameters

- Environment: Outdoor/Indoor
- Data rate: up to 2Mbps
- PER: < 10%
- Operating range: up to several km
- Mobility: Fixed
- Power type: Mains powered