

# P1888.1

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**Submitter Email:** [dliu@biigroup.com](mailto:dliu@biigroup.com)  
**Type of Project:** New IEEE Standard  
**PAR Request Date:** 04-May-2011  
**PAR Approval Date:** 16-Jun-2011  
**PAR Expiration Date:** 31-Dec-2015  
**Status:** PAR for a New IEEE Standard  
**Project Record:** P1888.1

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**1.1 Project Number:** P1888.1  
**1.2 Type of Document:** Standard  
**1.3 Life Cycle:** Full Use

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**2.1 Title:** Standard for a Ubiquitous Community Network : Control and Management

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**3.1 Working Group:** Ubiquitous Community Network Access Control and Management Protocol Working Group/UCNET-ACM/P1888.1 (BOG/CAG/UCNET-ACM/P1888.1WG)

**Contact Information for Working Group Chair**

**Name:** Huiling Zhao  
**Email Address:** [zhaohl@ctbri.com.cn](mailto:zhaohl@ctbri.com.cn)  
**Phone:** 13301168801

**Contact Information for Working Group Vice-Chair**

None

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**3.2 Sponsoring Society and Committee:** IEEE-SA Board of Governors/Corporate Advisory Group (BOG/CAG)

**Contact Information for Sponsor Chair**

**Name:** Dennis Brophy  
**Email Address:** [dennis\\_brophy@mentor.com](mailto:dennis_brophy@mentor.com)  
**Phone:** +1 503-685-0893

**Contact Information for Standards Representative**

None

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**4.1 Type of Ballot:** Entity

**4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot:** 06/2012

**4.3 Projected Completion Date for Submittal to RevCom:** 02/2013

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**5.1 Approximate number of entities expected to be actively involved in the development of this project:** 4

**5.2 Scope:** Based on the protocols described in IEEE 1888 entitled "Ubiquitous Green Community Control Network Protocol", this standard describes the network gateway central access control and management policy through the extension of the existing interface protocol, message format and interactive processing in an ubiquitous green community network. This standard extends the standard definition of the IEEE 1888 interface protocol and message format. This standard mainly specifies the network gateway signal flow for access control, registration management, state querying, event reporting, and remote management.

**5.3 Is the completion of this standard dependent upon the completion of another standard:** No

**5.4 Purpose:** Through the extension of the IEEE 1888 interface protocol, this standard describes an open and standardized network gateway management interface and protocols for service providers, system integrators, and equipment manufacturers. The extension provides the means to remotely control and monitor the network gateway and other facilities in a green community, such as HVAC, lighting systems, and energy equipment.

**5.5 Need for the Project:** For ubiquitous community applications and energy informatization services, lack of an open and standardized interface protocol to manage and control the numerous diverse sensors, actuators and gateways is a common problem for service providers, system integrators, and network operators, etc. This standard provides a solution to this problem and improves both operational management and user awareness.

**5.6 Stakeholders for the Standard:** Stakeholders for this standard include Network Operators, Service and Solution Providers, Equipment suppliers and the Public.

The first supporting organizations are China Telecom, BII Group, Beijing Jiaotong University, Qingdao gaoxiao information industry

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**Intellectual Property**

**6.1.a. Is the Sponsor aware of any copyright permissions needed for this project?:** No

**6.1.b. Is the Sponsor aware of possible registration activity related to this project?: No**

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**7.1 Are there other standards or projects with a similar scope?: No**

**7.2 Joint Development**

**Is it the intent to develop this document jointly with another organization?: No**

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**8.1 Additional Explanatory Notes (Item Number and Explanation):**