

## P1888.2

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**Submitter Email:** [dliu@biigroup.com](mailto:dliu@biigroup.com)  
**Type of Project:** New IEEE Standard  
**PAR Request Date:** 05-May-2011  
**PAR Approval Date:** 16-Jun-2011  
**PAR Expiration Date:** 31-Dec-2015  
**Status:** PAR for a New IEEE Standard

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**1.1 Project Number:** P1888.2  
**1.2 Type of Document:** Standard  
**1.3 Life Cycle:** Full Use

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**2.1 Title:** Standard for Ubiquitous Green Community Control Network: Heterogeneous Networks Convergence and Scalability

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**3.1 Working Group:** BOG/CAG/UCNET-ACM/P1888.2 (BOG/CAG/P1888.2)

**Contact Information for Working Group Chair**

**Name:** Dong Liu  
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**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**

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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 protocol defined in IEEE 1888 entitled "Ubiquitous Green Community Control Network Protocol", this standard extends the object definitions, message formats and communication protocols. This standard distinguishes the device identity from its location information, and the access method from core transmission, therefore supporting compatibility in heterogeneous network technologies, while meeting security requirements, offering system robustness and supplying better performance in system operation and management.

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

**5.4 Purpose:** This standard describes the standard criteria for network convergence and scalability that enhances the Ubiquitous Green Community Control Network (UGCCNet) heterogeneous networks interconnection and unified identity accessibility. This standard provides enhanced security and scalability to construct a secure, manageable and compatible system.

**5.5 Need for the Project:** For ubiquitous green community control network, it is desired that the network infrastructure support different kinds of networks, even those appear in the future. Besides, various applications should be supplied based on the same secure and manageable infrastructure so as to support ubiquitous applications. This standard is to supply a solution based on extended network infrastructure for such requirements.

**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 Beijing Jiaotong University, Tsinghua University, BII Group, China Telecom.

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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):**