

## PAR-UGCCnet

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### myProject™ - P1888 PAR Detail

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**Submitter Email:** rxbu@biigroup.cn  
**Type of Project:** New IEEE Standard  
**PAR Request Date:** 10-Sep-2008  
**PAR Approval Date:** 10-Dec-2008  
**PAR Expiration Date:** 31-Dec-2012  
**Status:** PAR for a New IEEE Standard  
**Project Record:**

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**1.1 Project Number:** P1888

**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 Protocol

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**3.1 Working Group:** Ubiquitous Green Community Control Network Working Group  
(BOG/CAG/UGCCNet)

**Contact Information for Working Group Chair**

**Name:** Dong Liu

**Email Address:** dliu@biigroup.com

**Phone:** 8610-58678188

**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:** Steve Mills

**Email Address:** steve\_mills@hp.com

**Phone:** 408 447 3426

**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:** 12/2009

**4.3 Projected Completion Date for Submittal to RevCom:** 08/2010

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**5.1 Approximate number of entities expected to be actively involved in the development of this project:** 3

**5.2 Scope:** The standard describes a remote control architecture of digital community, intelligent building groups and digital metropolitan networks; specifies interactive data formats between devices and systems; and gives a standardized definition of equipment, service services, signals, and interactive messages in this digital community network. The digital community remote control network opens application interfaces for public administration, public services, property management services, and individual services, which enables intelligent interconnection, collaboration service, remote surveillance and central management to be feasible. Surveillance network, consumer electronics, remote service systems, public administration systems, security linkage systems and emergency reaction systems will be integrated into the community network seamlessly. Based on TCP/IP open systems, the network architecture adopts active and emerging technologies, supporting diverse access technologies in physical layer, supporting IPv4/v6 in network layer, integrating well with the next generation converged networks.

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

**5.4 Purpose:** The standard aims to provide proper remote control and collaborating management solutions for operators, community administrators, public service provider, government departments and individual users, so as to use and control facilities in community and building groups effectively, such as sensors, surveillance monitors, HVAC, lighting systems, fire-fighting systems, CEs, and so on; Public environment monitor mechanism is setup to ease energy shortage and environment degradation through remote surveillance, operation, management and maintenance, leaving a secure, comfort and convenient living environment; Energy, environment and security are taken into consideration to realize reasonable plan and remote control in community networks.

**5.5 Need for the Project:** At present, with the urbanization accelerated in the developing countries and the enlarging architecture scope, a general remote control standard is needed for a larger scale control. For government administration departments, the public infrastructure facilities in according area should be under centralization of management ; For public service departments, remote services could help to improve service quality, working efficiency; For property management department, UGCCNet could help to realize unified management in the scope of city, community and building groups; For individual users, personal space could be managed better through remote control; For operators, revenue could be grasped though the remote control platform based on the existing network. For equipment vendors, a unified standard could do favor for product integration and cost reduction.

**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 BII Group, China Telecom, Beijing Urban Engineering Design and Research Institute.

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#### **Intellectual Property**

**6.1.a. Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitting this PAR**

**prior to the PAR submittal to the IEEE-SA Standards Board?:** Yes

**If yes, state date:** 15-Aug-2008

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

**6.1.c. 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 International Activities**

##### **a. Adoption**

**Is there potential for this standard (in part or in whole) to be adopted by another national, regional or international**

**organization?:** Do Not Know

**Organization:**

**Technical Committee Name:**

**Technical Committee Number:**

**Contact Name:**

**Phone:**

**Email:**

##### **b. Joint Development**

**Is it the intent to develop this document jointly with another organization?:** Do Not Know

**Organization:**

**Technical Committee Name:**

**Technical Committee Number:**

**Contact Name:**

**Phone:**

**Email:**

##### **c. Harmonization**

**Are you aware of another organization that may be interested in portions of this document in their standardization**

**development efforts?:** Do Not Know

**Organization:**

**Technical Committee Name:**

**Technical Committee Number:**

**Contact Name:**

**Phone:**

**Email:**

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**8.1 Additional Explanatory Notes (Item Number and Explanation):** 5.1: There are 10 people from these 3 entities working on the project.