

2023 WIOTRL Top 500 Application and Implementation Measures

1. The Purpose and Significance of 2023 WIOTRL

The WIOTRL Top 500 aims to encourage IoT companies and institutions from all over the world to promote the innovation and development of IoT and facilitate the construction of IoT infrastructure and the development of digital economy. Meanwhile, it aims to boost and support the transformation and upgrading of traditional enterprises towards the direction of internet of things, building a global market for the new IoT economy and commend new architectures, systems, integrated intelligent products, and solutions featuring IoT. WIOTC creates the WIOTRL with a view to pushing for the progress and development of world new economy and society, benefitting all mankind from intelligent lifestyle, work, and production, and contributing to the United Nations Sustainable Development Goals.

2. 2023 WIOTRL Target Participants

- 1). Enterprises and institutions centering on the development and application of IoT structure system and industrial integrated system and for the innovation of architectural system of world internet of things;
- 2). Renowned enterprises and institutions focusing upon IoT soft and hardware products, IoT solutions, integrated system, and chip manufacturing and IoT industrial chain;
- 3). Enterprises and Institutions specializing in the development and application of IoT-related perception systems (e.g. information system integration and equipment), cloud platforms (cloud computing, quantum computing, cloud services, cloud storage, etc.), transmission systems (5G communication technology, optical fiber basic networks, microwave base stations, satellite-to-earth transmission, quantum transmission, etc.), intelligent terminal (PC, mobile phone, application terminal software and hardware products and technical service platform, etc.), artificial intelligence, robotics, and IoT blockchain technology, etc;

4). Large traditional enterprises, modern service industry enterprises and demonstration zones (bases) boasting strong potential and experiencing transformation and upgradation toward the Internet of Things;

5). Enterprises and institutions with innovative IoT technology, product, and solution capable of reducing structural cost and realizing sustainable development.

3. Basic Standards of 2023 WIORTL Top 500 Ranking

1). Enterprises and institutions that develop and apply world IoT systems and other industrial application systems (including 17 sectors related to industry, smart manufacturing, agriculture, logistics, healthcare, transportation, energy and environmental protection, chemical industry, public affairs, smart life, culture and tourism, finance, and modern service industry) with an output of over 100 million U.S. dollars;

2). Enterprises and Institutions that develop and apply perception, cloud computing, big data, artificial intelligence, and integrated system (including chip-manufacturing enterprises) with a comprehensive output of over ten million U.S. dollars.

3). Enterprises and Institutions that focus on basic network construction, and services with an output of over one billion U.S. dollars.

4). Enterprises and institutions involved in the innovative research and development of international IoT architecture, software and hardware products, technology, and solutions as well as utilitarian patents and brands with cutting-edge characteristics, featuring low cost, convenience operation, and strong market adaptability;

5). Enterprises and institutions that meet the international “Six Domain Model” standard with an output of over one billion U.S. dollars;

4. WIOTRL Instructions

1). The selection and ranking shall be conducted fairly, impartially, and openly.

2). The ranking review committee consists of international organizations,

commercial associations, standards organizations/institutions, experts, scholars, and industry representatives from more than 20 countries including China, the United States, Japan, Germany, Russia, the European Union, and France which have the most IoT application practices, strong high-end R&D capabilities, and the latest Internet of Things knowledge.

3). Ranking review process and schedule is shown as below:

Application and registration (before the end of April 2023) → pre-selection (May 2023) → selected rankings (middle June 2023) → public announcement to solicit social opinions (late June 2023) → official announcement (July 2023)

4) The WIOTRL application is free of charge, but listed companies for awarding certifications at the summit **need to pay customized cost Each worth 3,000 RMB** (Inside including one quota of VIP participation with value of 4,800 RMB, and the logo of the enterprise will be shown on the LOGO Wall of the summit with value of 10,000 as preferential treatment).

5. 2023 WIOTRL Grading Criteria

1). Construction of IoT infrastructure as well as research and development of IoT technology (20 points).

2). Industrial/product scale and digital technology output of IoT (market value and turnover, 30 points).

3). Sustainable development and leading advantage of IoT (20 points).

4). Brand awareness and influence of IoT (15 points).

5). Innovativeness and exemplariness of IoT technology, main architecture, and solutions (intellectual property/patent, 15 points).

World Internet of Things Convention

World IoT Ranking List Working Committee

March 1, 2023