2024 WIOTRL Top 500
Application and Implementation Measures

1. The Purpose and Significance of 2024 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 IoT, 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. 2024 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) Enterprises transforming from traditional economy to digital economy; companies experiencing the upgrading of digital economy; enterprises specialized in modern service industry; demonstration areas (bases);

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) Renowned enterprises and institutions focusing upon IoT soft and hardware products, IoT solutions, integrated system, and chip manufacturing and IoT industrial chain;

5) Enterprises and institutions with innovative IoT technology, product, and solution and with capability of sustainable development.

3. Basic Standards of 2024 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 of IoT infrastructure construction and digital economy with the output of 10 billion US dollars 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 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;

4) Enterprises that have strong potential to develop with an output of over

5million U.S. dollars generated from digital economy which is intelligently interconnected.

4. WIOTRL Instructions

1) 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 IoT knowledge.

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

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

Application and registration (before the end of April 2024) → pre-selection (May 2024) →selected rankings (middle May 2024) → public announcement to solicit social opinions (late May 2024) → official announcement (June 2024)

4) The WIOTRL application is free of charge, but listed companies for awarding certifications at the World IoT Top 500 Summit **need to pay customized cost Each worth 4,000 RMB** (Inside including one quota of VIP participant, media coverage, customized cost of certificate and the logo of the enterprise shown on the LOGO Wall of the summit).

5. 2024 WIOTRL Grading Criteria

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

2) Digital technology product and digital economy output (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

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