2021 WIOTRL Top 500
Declaration and Implementation Measures

1. The Purpose and Significance of 2021WIOTRL

The WIOTRL Top 500 aims to encourage IoT companies and institutions from all over the world to promote the innovation and development of internet of things, support network construction and new IoT economy development, and facilitate the development and application of global IoT and industry systems. Meanwhile, it aims to boost the transformation and upgrading of the 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 serves the purpose of strengthening the application and development of the world's IoT industry, forming a new growth point for world economy, benefitting all mankind from intelligent lifestyle, work, and production, and contributing to the United Nations 2030 Sustainable Development Goals and Millennium Development Goals.

2. 2021 WIOTRL Declaration Object

1). Enterprises and institutions for 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, 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 Standard of 2021 WIORTL Top 500 Ranking

1). Enterprises and institutions that develop and apply world IoT systems and other industrial application systems (including 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 have strong potential of transformation and upgradation in the area of 5G IoT equipment manufacturing, network construction, and services with an output of over one billion U.S. dollars.

4). Enterprises and institutions involved   the innovation of international IoT

architecture, software and hardware products, technology, and solutions 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 and possess basic elements of NB-IOT, and LORA standards with an output of over one billion U.S. dollars;

6). Enterprises and institutions engaged in IoT industrial bases (parks) and development zones with an output of over US$50 billion.

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:

application and registration (April-June 2021) → pre-selection (July 2021) →selected rankings (by the end of August 2021) → public announcement to solicit social opinions (September-November 2021) → official announcement

5. 2021 WIOTRL Grading Criteria

1). Development of IoT economy, R&D of 5G network technology and equipment, construction and application of 5G network (20 points).

2). IoT industry/product scale and output (market value and turnover, 30

points).

3). IoT sustainable development and leadership (20 points).

4). IoT Brand awareness and influence (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 Workgroup

April 3, 2021

Attachment: 2021 WIOTRL Registration Form

2021 WIOTRL Registration Form

Full Name		Company LOGO
Address		

Registered Capital		Annual Output	*as of December 31, 2020*
Person in Charge		Mobile	
Contact Person		Mobile	
Tel.		Fax	
Website		E-mail	

Type of Industry	□ Industry □ Agriculture □ Logistics □ AI □ Robot □ Chip □ Cloud Computing(Quantum Computing), Big Data □ Smart City □ Transportation and Auto Intelligence □ Aerospace □ RFID □ Sensor □ Network Communications (5G) □ Energy □ Finance □ Security Safety □ Healthcare □ Hardware and terminal □ Military Technology □ Public Affairs □ Culture and Education □ Tourism □ Environmental Protection □ Chemical industry
Type of Company	□ R&D □ Design □ Manufacture □ Sales
Company Profile (Chinese & English)	*Within 300 words*
Introduction of Core Product / Technology / Solution (Chinese & English)	

Honor & Qualification (Chinese & English)	
Demand (Chinese & English)	
Additional Description (Chinese & English)	
Certificate of 2021 WIOTRL Top 500	□ yes □ no
The above information is confirmed! signature: seal: date:	

For voluntary funding or other needs, please feel free to contact:

Johnny Ho

Mobile: +86-(0)18910022689; Tel.: +86-10-83683671; Fax: +86-10-83671280; Email: johnny@wiotc.org

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Attention:

1. Please fill in the form truly and completely, and the content of this form will be evaluated and disclosed. WIOTRL Workgroup and WIOTC will not bear any legal liabilities arising therefrom;

2. If there are unspecified parts in this form, please add it in "additional description". Introductions of product and solution can be affixed as an attachment;

3. Please provide the electronic version of the certificates of honor and qualification, and affix it as an attachment.

4. After completing this form, please rename it in the format of "file name + company name". Send a) this form, b) the company LOGO (high-definition picture or source file with more than 2000 pixels), and c) the product picture as attachments to wiotrl@wiotc.org.

5. Deadline for registration declaration: June 30, 2021

6. The deadline for 2021 WIOTRL Top 500 certificate customization is within 7 working days after the announcement of the list.