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WITSA's 2018 Global ICT World Award Winners

- WITSA is the most comprehensive and influential entity representing the Information and Communications technology (ICT) and services industry in the world
- Awards recognize the entities that made the most significant contributions to mankind in 2018.
- Eight "Global ICT Excellence" awards and two "Chairman" awards were presented by to the winners.

Hyderabad, India: On the second day of the 2018 World Congress on Information Technology, the World Information Technology and Services Alliance (WITSA) announced that ten private and public sector organizations from seven different countries were selected to receive the 2018 WITSA Global ICT Excellence Awards, including two special WITSA Chairman's Awards:

- **2018 Chairman's Award:** Electronics Service Delivery (ESD) - MeeSeva, Government of Telangana
- **2018 Chairman's Award:** TUMO center for Creative Technologies
- **2018 Public Sector Excellence Award:** Ministry of Science and ICT & Korea Institute of Science and Technology Information (for the "National Science & Technology Information Service")
- **2018 Private Sector Excellence Award:** Acer ITS Inc. for Acer Smart Parking Meter
- **2018 Sustainable Growth Award:** National Hydraulic Research Institute of Malaysia (NAHRIM): "Malaysia Climate Change Knowledge Portal (N-HyDAA)"
- **2018 Mobile Excellence Award:** SSI of Institute for Information Industry (III)- for XParking
- **2018 Digital Opportunity Award:** Digital Education Institute (DEI), Institute for Information Industry (III) for Learning Beyond School Alliance
- **2018 Digital Opportunity Award:** Information Society S.A.: "Broadband Network Development in White Rural Areas of Greece"
- **2018 Innovative e-Health Solutions:** Electronic Health Record Sharing System (eHRSS), Electronic Health Record Office of Food and Health Bureau of The Government of the HKSAR/ Hospital Authority
- **2018 Emerging Digital Solutions Award (WEDS):** Nesplora: For analyzing human behavior using immersive technologies

Finally, WITSA issued fourteen merit awards. While not being selected as winners of one of the award categories, these merit winners nevertheless displayed first-rate use of ICT.

About WITSA

The World Information Technology and Services Alliance (WITSA) is the leading recognized international voice of the global ICT industry, whose members from over 80 countries and economies represent more than 90 percent of the world ICT market. WITSA is dedicated to advocating policies that advance industry growth and development; facilitating international trade and investment in ICT products and services; strengthening WITSA's national industry associations; and providing members with a broad

network of professional contacts. WITSA hosts the World Congress on Information Technology (WCIT), the premier global industry sponsored ICT conference.

WITSA members are leaders in a globally interconnected marketplace. Because the challenges facing the ICT industry are undisputedly global in nature, WITSA members work together to achieve a shared vision on important issues of common interest. WITSA makes it possible for its members — ranging from Mongolia and Argentina to Kenya and the United States — to identify common issues and priorities, exchange valuable information, and present a united position on industry issues.

For more information on WITSA, please visit www.witsa.org

BACKGROUND INFORMATION:

At every World Congress on IT, the WITSA Global ICT Excellence Awards recognize select organizations whose use of IT has exhibited exceptional achievement within seven broad categories: Public Sector Excellence, Private Sector Excellence, Mobile Excellence, Digital Opportunity, Sustainable Growth, Innovative e-Health Solutions and Emerging Digital Solutions. In addition, a special WITSA Chairman's Award is presented to a nominee from the entire pool of candidates from all categories.

The 2018 WITSA Awards was remarkable for its large number of highly qualified nominees, received from WITSA's network of ICT industry associations in 80 countries around the world. WITSA therefore elected to also recognize the most noteworthy runner-up candidates by announcing several WITSA merit award certificates. While not being selected as winners of one of the award categories, these merit winners nevertheless displayed first-rate use of ICT.

The winners of the 2018 WITSA Awards are listed below:

The Chairman's Award

Electronics Service Delivery (ESD) - MeeSeva, Government of Telangana

MeeSeva is the largest Citizen Service Delivery platform by a State Government of India in terms of number of transactions in year 2017. MeeSeva provides digital opportunity to ~32Mn citizens of Telangana residing in 31 districts of Telangana within 5 Km distance. Its service to citizens has brought in accountable, transparent and innovative delivery of Government services to the citizens. MeeSeva adopts an approach of assisted service delivery keeping the socio-economic conditions of the citizens in mind. Around 550+ services of 38+ departments are provided through a network of 4500+ MeeSeva centres located across 31 districts of Telangana.

The objective of MeeSeva is to provide smart, citizen centric, ethical, efficient and effective governance facilitated by technology. The initiative involves universal and non-discriminatory delivery of all government services to citizens of all strata and improved efficiency, transparency and accountability for the government. The initiative features transformed government-citizen interface at all levels of administration along with a shared governance model.

MeeSeva Platform can be used by the citizens who are both digitally literate and digitally illiterate. Citizens who are comfortable and have access to digital technologies such as smartphones and internet will be able to use the platform using mobile application or web portal. Citizens who don't have access to the digital solutions can visit any of the 4500+ MeeSeva kiosks to avail the services.

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TUMO center for Creative Technologies

The TUMO Center for Creative Technologies is a free of charge learning program for teenagers, at the intersection of technology and design.

Over 11,000 students (45% of them girls) from different social backgrounds attend TUMO regularly in Armenia. Each of them charts a fully personalized and always updated path combining 14 learning targets: web development, game development, filmmaking, animation, programming, robotics, music, 3D modeling, graphic design, photography, etc.

Learning at TUMO is open ended. There is no graduation or certificate of completion. Instead, each student has a “living diploma,” an online portfolio of their work, in the form of a web page that showcases everything they have achieved and created during their time at TUMO – programs they have written, video they have shot and edited, 3D models they have built, etc. The portfolio starts taking shape from the initial months of a student’s participation in the program, keeps evolving throughout their time at TUMO, and becomes an online resource they can use when applying to universities or jobs, or showing their progress and achievements to parents and friends.

Nomination: <https://witsa.org/wp-content/uploads/2018/01/TUMO-application.docx>

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Public Sector Excellence Award

Ministry of Science and ICT & Korea Institute of Science and Technology Information (*for the "National Science & Technology Information Service"*)

The National Science and Technology Information Service (NTIS) of the Ministry of Science and ICT is a national R&D information knowledge portal to provide comprehensive national R&D information. It is innovative in that it has improved research transparency and productivity by managing researches in one place. In the past, it was difficult to figure out what projects were promoted by whom. Under the NTIS, the government manages the integrated data needed for research activities and provides them to all people in an open and transparent manner. Furthermore, research results created through research projects such as papers and patents were all open.

The NTIS linked national R&D data which were distributed across government bureaus and offices and concentrated national science and technology. As a result, the South Korean government has been able to promote the most efficient and scientific policies by examining current national R&D, while people can gain all R&D data easily through a single channel. Furthermore, the government solved redundancy problems caused by a separated management of data among different government bureaus and agencies, and improved efficiency in national R&D investments. In addition, it has significantly improved research transparency by making R&D results available and made a huge contribution to inter-agency collaboration.

Nomination: https://witsa.org/wp-content/uploads/2018/01/WITSA-Global-ICT-Excellence-Award-Nomination_Public-Sector_KISTI-NTIS_by-FKII.pdf

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Private Sector Excellence Award

Acer ITS Inc. for Acer Smart Parking Meter

With a vision to provide a state-of-the-art intelligent parking cloud service to the global market and answer the calls from industry for more effective and efficient service covering the needs of drivers and operators of onstreet and off-street, Acer ITS Inc. was spun off from Acer in 2017. It integrated teams of professionals with domain know-how on Bus, MRT/Railroad transit, LRT (Light Railway Transit), multi-card applications, epayment as well as technology platform like e-transaction, license plate recognition, image recognition, cloud service and mobile parking app etc. Acer ITS aims to bring the best parking experience to the drivers and provide cloud-based, smart parking solution to public and private operators. The smart parking platform built by Acer ITS, with Big Data technology within Acer Smart Parking Cloud, will allow stakeholders from demand side to acquire real-time parking information when needed while can also pay on the leave, and operators from supply side to manage their assets more effectively to secure greater turnover.

ACER SMART PARKING METER is the core innovation of Acer ITS smart parking solution that aims at the roadside parking segment. The Meter together with Parking APP and Parking Management System provides unparalleled experience for users and real business benefit to parking lot operators.

Nomination: https://witsa.org/wp-content/uploads/2018/01/Acer%E5%AE%8F%E7%A2%81_2018_Awards_Acer-Smart-Parking-Meter_final.pdf

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Digital Opportunity Award

Digital Education Institute (DEI), Institute for Information Industry (III) for Learning Beyond School Alliance

Learning Beyond School Alliance promotes equal learning rights around the world. We believe that using technology could “Connect People, Create Value”. Even the children in the most remote island, still have the same learning opportunities as those in the metropolis. This Alliance focuses on globally connected Learning, equal learning opportunities, and economy Philosophy sharing. It not only is the K12 interactive online school, OISP for smart education, but also is a co-learning center of global issues. It has over 100 interactive live broadcast courses which affect more than 40,000 K12 schools and under-resourced teachers and students. Moreover, it’s a teaching aids dispatch center with the integration of 100 industries, more than hundreds of volunteers who build up the ecosphere and promote educational UBER teaching aids to the rural areas. Learning Beyond School Alliance pays close attention to the latest learning technologies and development in global learning industry, including distance learning, AR/VR, ClassFu (a classroom atmosphere management system), brainwave system of detecting face, robot maker teaching, IoT, and so on. We expect that technology and education can be fully integrated, then creates a new power of learning.

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Information Society S.A.: "Broadband Network Development in White Rural Areas of Greece"

The project aims to close the 'broadband gap' between remote/ most disadvantaged 'traditional white' rural areas of Greece and the rest of the country, where broadband services are already being offered. The project targets traditional broadband "White" Rural Areas. More specifically these areas share the following special characteristics: a) Mountainous or insular, b) Remote, c) Disadvantageous.

In areas with no adequate infrastructure, such as in the targeted areas, increased spending on new telecom infrastructure is expected to boost productivity and employment potential of the local economy. Development and adoption of advanced broadband services will also assist businesses and public administrations in becoming more efficient.

Nomination: https://witsa.org/wp-content/uploads/2018/01/2018_Rural-Broadband-project-nomination.pdf

Sustainable Growth Award

National Hydraulic Research Institute of Malaysia (NAHRIM): "*Malaysia Climate Change Knowledge Portal (N-HyDAA)*"

Water is essential to business and environment to achieve long-term sustainable development goals. Enough water of the right quantity and quality needs to be in the right place and time. NAHRIM Hydroclimate Data Analysis Accelerator (N-HyDAA), known as Malaysia Climate Change (CC) Knowledge Portal, the only CC knowledge portal in Malaysia is primarily developed for providing CC and water-related information, and technology which is crucial for present and future water-related business activities, engineering practices, and the environment. N-HyDAA used approximately 10 billion projected hydroclimate data under the changing climate scenario of IPCC SRES A1Fi, A1B, A2 and B1. It has eight hydroclimate-environment modules, which amongst others are rainfall, floods, droughts and water stress condition using Big Data Analytics (BDA) Technology by means of comprehensive analysis and interactive visualization tools. NHyDAA assists business entities, water operators, engineers, planners and decision-makers in designing, planning and developing water-related program and risk management.

Nomination: https://witsa.org/wp-content/uploads/2018/01/National_Hydraulic_Research_Institute_of_Malaysia_NAHRIM_WITSA_-_Sustainable_Growth_Award.pdf

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Mobile Excellence Award

SSI of Institute for Information Industry (III)- *for XParking*

X-Parking2.0 is an industry-leading and user-centric smart parking solution. It provides a convenient, easy to use, energy-efficient, and safe solution for parking lot users as well as its administration. The solution is built with an Internet of things (IOT) platform that integrates various types of sensors and cameras, state-of-the-art indoor positioning technology, and a multi-model navigation engine. By integrating multi sensor information, with robust vacant parking slot locating algorithms, the X-Parking solution facilitates fast vacant parking space identification and real-time indoor navigation, as well as easy car locating to offer a stress-free and user-centric parking experience.

X-Parking2.0 also provides additional services including emergency rescue assistance, anti-theft service, online fee payment etc., to effectively enhance parking lot security, and to increase parking space turnover to improve lot utilization. X-Parking 2.0 also provides additional services including emergency rescue assistance, anti-theft service, online fee payment etc., to effectively enhance parking lot security, and to increase parking space turnover to improve lot utilization.

Nomination: https://witsa.org/wp-content/uploads/2018/01/iii_SSI_XParking_Public-SectorMobile-Excellence.docx

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Innovative e-Health Solutions Award

Electronic Health Record Sharing System (eHRSS), Electronic Health Record Office of Food and Health Bureau of The Government of the HKSAR/ Hospital Authority

Hong Kong is a densely populated city with a total area of 1,106 square kilometers and a population of approximately 7.34 million. Over the years, Hong Kong has built a healthcare system that provides high quality services – for example, the **infant mortality rate**, often used as an indicator of the level of health of a place, is 1.5 infant deaths per 1,000 live births in Hong Kong, which is **ranked among the lowest** in the world. Hong Kong also has the **top life expectancy rankings worldwide**, with men expected to live to 81.32 years, and women 87.34 years. At the same time, Hong Kong, like a number of other more advanced economies, is facing major challenges due to an ageing population, occurrence of chronic diseases, skyrocketing healthcare costs, and the ever increasing healthcare demand. This challenge is not one that can be met simply by deploying more resources for healthcare services. It calls for a critical look at how to channel the available resources into the system to achieve the best results for all and to enable the healthcare system to continue to meet the healthcare needs of the community on a sustainable basis. The HKSAR Government examined the service structure and confirmed **the need for change**. Policy proposals were formed to enhance holistic primary care, improve the continuity of care for patients, reinforce continuity and cross-discipline and medical-social collaboration, and facilitate the healthcare market structure to promote greater public-private partnership. To this end, **the HKSAR Government led the development of a territory-wide eHR system as the infrastructure for these proposals.**

Nomination: <https://witsa.org/wp-content/uploads/2018/01/WITSA-Nomination-HKITF-2018.doc>

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WITSA Emerging Digital Solutions Award (WEDS)

Nesplora: *Analyzing human behavior using immersive technologies*

NESPLORA is a company created in San Sebastian in 2008. It was founded with the aim of analyzing human behavior using immersive technologies. By linking neuroscience with technology, we develop new tools for measuring cognitive processes (attention, memory, FFEE, etc.) in virtual reality environments. We use the latest technologies to define, describe and provide unbiased and concise information on cognitive and behavioral processes in simulated environments. We improve the diagnosis of patients with problems such as Alzheimer's, mental illness, brain damage of any etiology or developmental problems.

The goal of this project is to improve the performance of the tools used in general in clinical consultations of neurology, psychology and psychiatry, and to create a virtual reality platform with different applications for clinicians and / or researchers. Through virtual environments that emulate a real situation, these tools collect objective information from cognitive processes.

Nomination: https://witsa.org/wp-content/uploads/2018/01/Nesplora-WITSA_.pdf

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Merit winners

PUBLIC SECTOR EXCELLENCE AWARD

- Digital Education Institute (DEI), Institute for Information Industry (III): DIGI+Talent Accelerator & Jumpstart Program (Nominated by: Information Service Industry Association of Taiwan (CISA))
- ASTRI's Smart Water IoT System, Hong Kong Applied Science and Technology Research Institute (ASTRI) (Nominated by: Hong Kong Information Technology Federation (HKITF))

PRIVATE SECTOR EXCELLENCE AWARD

- Chain Sea Information Integration Co., Ltd. (Nominated by: Information Service Industry Association of Taiwan (CISA))
- BYTE Computer S.A. (Nominated by: Federation of Hellenic Information Technology and Communications Enterprises (SEPE))

DIGITAL OPPORTUNITY AWARD

- TradeVan for *Ubiquitous Digital Life Services* (Nominated by: Information Service Industry Association of Taiwan (CISA))
- Intumit Inc. for *SmartRobot-Empowering Your Business with Artificial Intelligence* (Nominated by: Information Service Industry Association of Taiwan (CISA))
- Malaysia Digital Economy Corporation (MDEC): "*Digital Free Trade Zone (DFTZ)*" Nominated by: The National ICT Association of Malaysia (PIKOM)

SUSTAINABLE GROWTH AWARD

- Digital Education Institute (DEI), Institute for Information Industry (III) for *Remote Immersive Experience Platform* (Nominated by: Information Service Industry Association of Taiwan (CISA)) (Nominated by: Information Service Industry Association of Taiwan (CISA))

MOBILE EXCELLENCE AWARD

- Mercuries Data Systems Ltd. (*Product name: ServiceJDC*) (Nominated by: Information Service Industry Association of Taiwan (CISA))
- Telekom Research & Development Sdn Bhd: "*LTE WLAN Aggregation (LWA) utilizing both WLAN (Wireless Local Area Network) and LTE (Long Term Evolution) Link Simultaneously (LTE Plus)*" (Nominated by: The National ICT Association of Malaysia (PIKOM))

INNOVATIVE E-HEALTH SOLUTIONS AWARD

- HEXIN GMV: *Platform for the exploitation of clinical and epidemiological data* (Nominated by: AMETIC, Spain)
- NCI Smokefree (Nominated by: Professional Services Council (PSC))

WITSA Emerging Digital Solutions Award

- SenseOne Technologies S.A. *for its SenseOne IoT Platform.* (Nominated by: Federation of Hellenic Information Technology and Communications Enterprises (SEPE))
- Informed Solutions Ltd.: *For the solution "InformedCONSULT"* (Nominated by: techUK)