2020年中国国际信息通信展览会
PT EXPO CHINA 2020

POST-EVENT REPORT

网融万物 智向未来
ConneXion Shapes the Future

Event Review

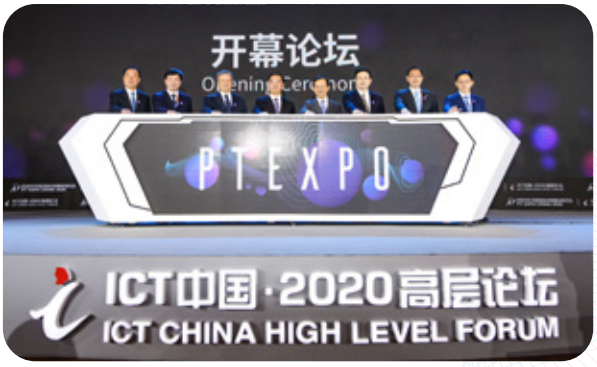
Due to the impact of the new coronavirus pandemic, 2020 has been a year facing both challenges and opportunities. With the orderly resumption of production and life in the second half of the year, the ICT industry will begin a new phase as a result of the digital transformation process accelerated by the pandemic. As the most influential event in the ICT industry, PT Expo China 2020, with the theme “ConneXion Shapes the Future”, attracted a number of industry-leading companies from China and abroad to participate, and presented the ICT industry’ s most anticipated annual extravaganza of visual dazzle and tech how-how to the audience while ensuring strict implementation of pandemic-prevention measures.

During the 3-day event, ICT China 2020 High-Level Forum and IMT-2020 (5G) Summit were held concurrently, with nearly 50 forum sessions. Participants witnessed the momentous convergence of new facilities, new terminals and new applications in such fields as 5G, AI, IoT, Industrial Internet, cloud computing, big data and network as well as the next-generation ICT in vertical fields that showcased the full spectrum of integrated applications and collectively conveyed the main theme of this event.

In addition, as China strives to accomplish the goal of comprehensively building a moderately prosperous society this year, the event also organized the special Exhibition on Universal Telecommunications Services and Network-Assisted Poverty Alleviation Achievement to let participants experience the tremendous efforts made by the ICT industry to promote rural economic development and eliminate the urban-rural digital gap.

The clarion call for a new global technological revolution has been sounded. With industries making a digital upgrade, a new generation of ICT will be the tailwind as we set sail for the future.

Event Review



Opening Ceremony

Liu Liehong, Vice Minister of Industry and Information Technology; Yin Yong Vice Mayor of Beijing Municipality; Ke Ruiwen Chairman of China Telecom; Yang Jie, Chairman of China Mobile; Wang Xiaochu, Chairman of China Unicom; Yu Xubo, Chairman of General Technology Group; Tong Jilu, Chairman of China Tower; and Song Qizhu, Chairman of China Broadcasting Network Inc. were invited to attend and host the opening ceremony.

Industry-Wide Lunch of 5G+

Despite the impact of the new coronavirus pandemic, the development and applications of 5G have been accelerating. As 5G applications grow in such fields as smart cities, smart energy, Industrial Internet, smart driving, telemedicine, remote office, UHD video, data centers and emergency communications, the accelerated development brings disruptive development opportunities to the market, and the new phase of the ICT industry lifted up by the “5G+” tides has arrived.

IMT-2020 (5G) Summit

In addition to the traditional format of “one conference and two competitions", the event was updated with the industry’ s standard-setting IMT-2020 (5G) Summit. The summit focused on the innovation in 5G commercialization and application, shared the latest achievements and ideas, and showcased the newest 5G commercial products. During the conference, the latest 5G and 5G improvement results and development trends were discussed, with such topics as new technologies, standards, R&D, testing, industrialization and network deployment. At the same time, the awards of the “Blooming Cup” 5G Application Competition were presented.

Event Review

5G Innovative Application Exhibition

Continuing to leverage its role as the main stage for 5G releases, the event set up the 5G Innovative Application Exhibition on “5G + Applications” that included designated areas for projects submitted to the “Blooming Cup” 5G Application Competition, the Industrial Internet, AI and cloud gaming. The exhibition showcased the new applications, new markets, and new prospects brought by 5G, and explored the infinite possibilities of new infrastructure.

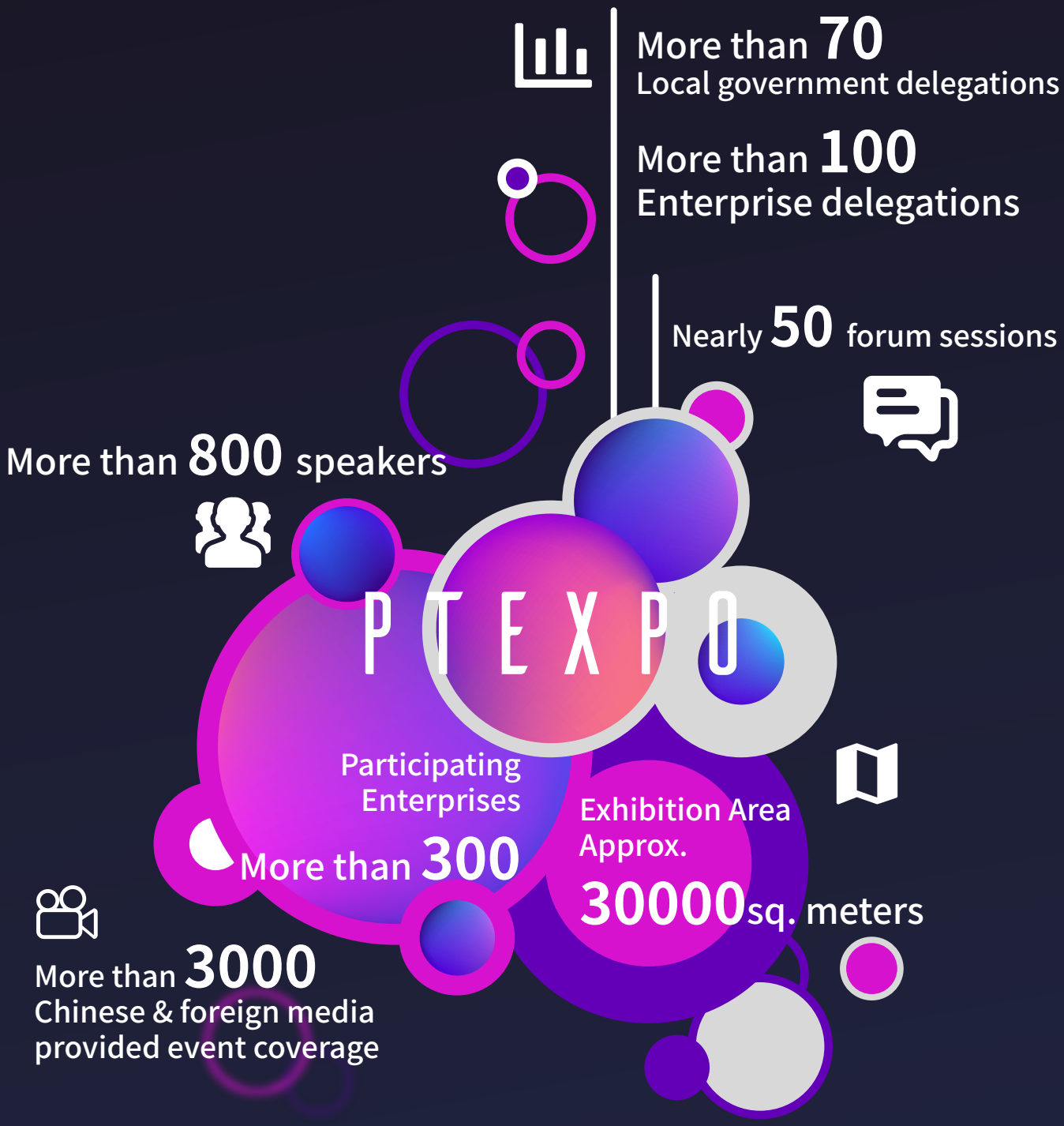
Universal Telecomm Services and Network-Assisted Poverty Alleviation Achievement Exhibition

Utilizing “digital weapons”, the ICT industry is taking action to help fight and win the battle against poverty. The Exhibition on Universal Telecomm Services and Network-assisted Poverty Alleviation Achievement specially created for this event showcased the ICT industry’ s promotion of the pilot projects for universal telecommunications services, its ongoing efforts to improve broadband network coverage in poverty-stricken areas, its endeavors for the battle against poverty and considerable achievements.

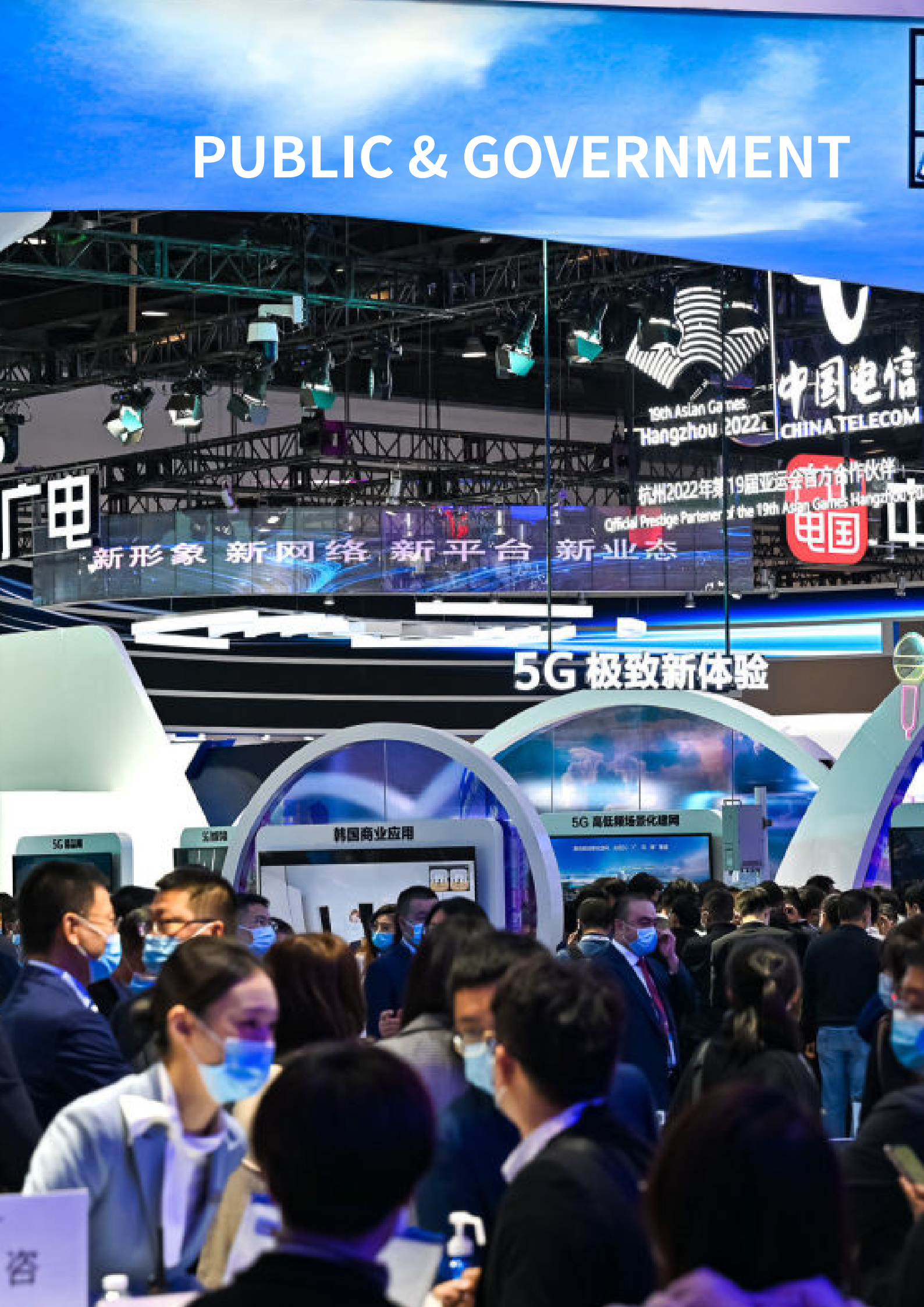
The “Blooming Cup” 5G Application Competition and the ICT China Annual Awards

The award ceremonies of the 3rd “Blooming Cup” 5G Application Competition and ICT China Annual Awards were held at the event. The competitions were dedicated to finding examples of extensive ICT applications that had appeared in Chinese cities and industries during the past year since the launch of commercial 5G, and assisting outstanding participating projects to connect with financing institutions, and helping to promote the implementation and transformation of integrated ICT applications represented by 5G.

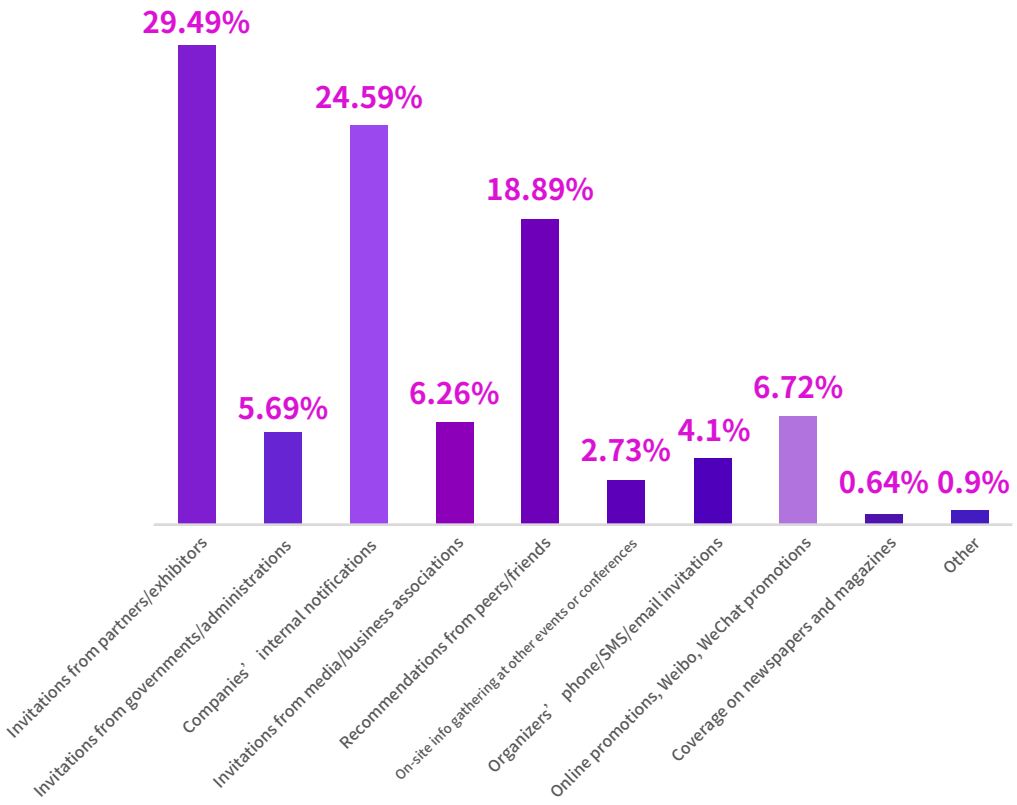
Overall Numbers



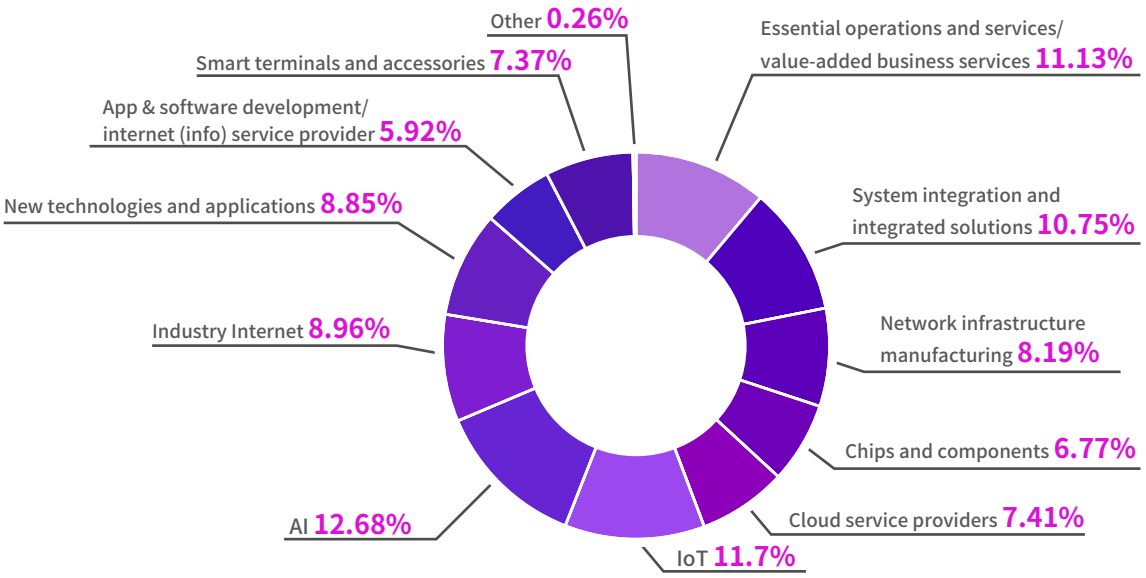
PUBLIC & GOVERNMENT



Visitors' Source of Event Info

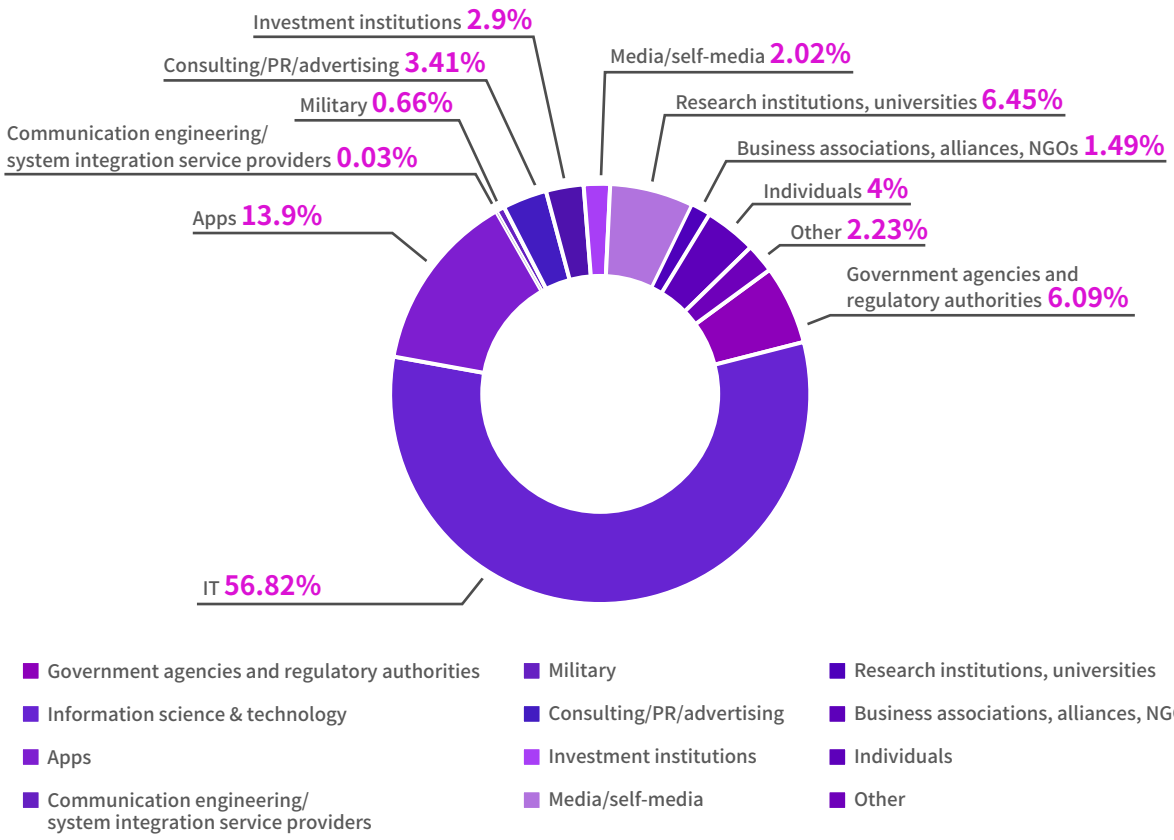


Product Categories Visitors Were Most Interested in

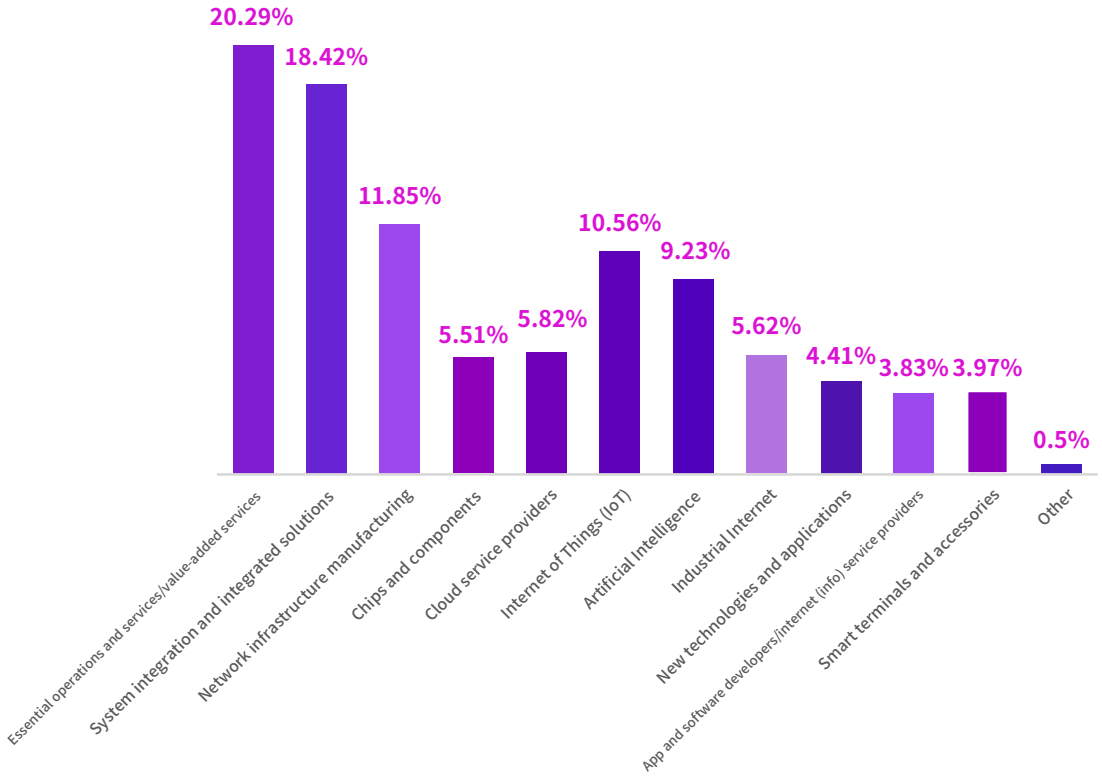


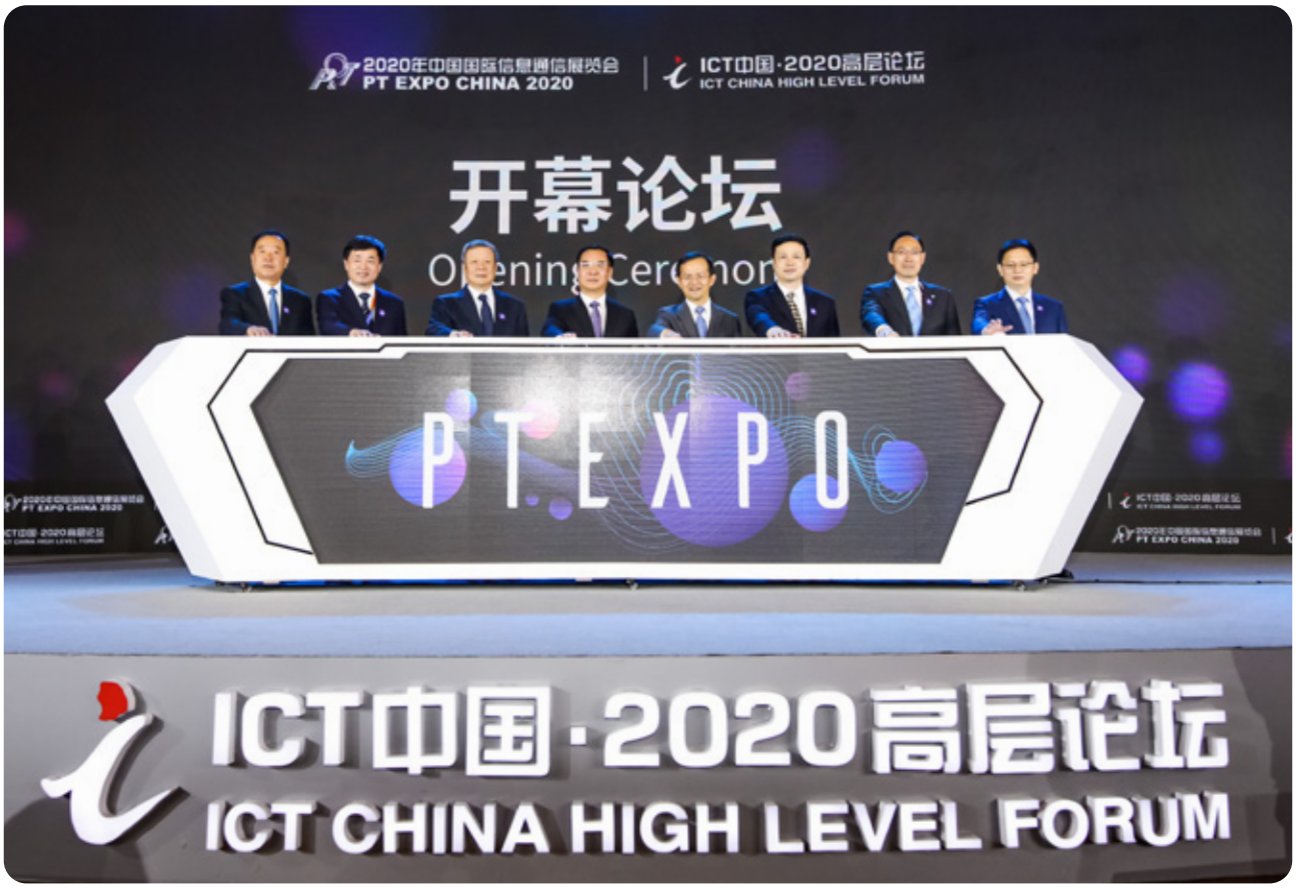
- Essential operations and services/ value-added business services
- Network infrastructure manufacturing
- Cloud service providers
- AI
- New technologies and applications
- Smart terminals and accessories
- System integration and integrated solutions
- Chips and components
- IoT
- Industry Internet
- App & software development/ internet (info) service provider
- Other

Categories of Visitors' Industries



Information Technology Segments





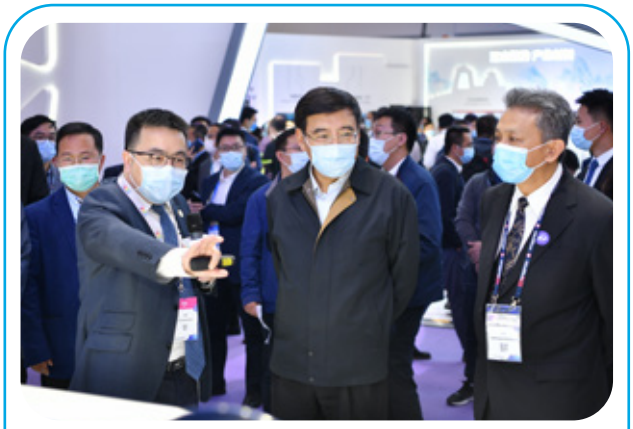
Government Leadership Involvement

The event invited Liu Liehong, Vice Minister of the Ministry of Industry and Information Technology (MIIT); Miao Wei, member of the 19th CPC Central Committee and Deputy Director of the Economic Committee of the CPPCC; Li Zhiqun, the inspection team leader of the SASAC Party Committee; and Zhang Feng, the former chief engineer of the Ministry of Industry and Information Technology to visit and provide guidance.

CAS & CAE Members, Experts and Scholars

This event invited a number of experts and academicians to attend and deliver keynote speeches at the forums, including member of the Chinese Academy of Sciences (CAS) and Medal of the Republic recipient Sun Jiadong who sent a congratulatory letter to the concurrent forums. Members of the Chinese Academy of Engineering (CAE) Wu Hequan, Li Bohu, Liu Yunjie, Zhang Ping attended the concurrent forums and delivered keynote speeches, and Mei Hong, a CAS member, attended the opening forum.

Liu Liehong, Vice Minister of the MIIT



Miao Wei, member of the 19th CPC Central Committee and Deputy Director of the Economic Committee of the CPPCC

Li Zhiqun, SASAC Party Committee inspection team leader

Zhang Feng, former MIIT party member and chief engineer

Zhu Gaofeng, former Minister of the Ministry of Posts and Telecommunications

Delegations from Local Governments and Vertical Segments

More than 70 local government delegations and more than 100 enterprise delegations attended the event to share their 5G development experience, innovative application projects, terminal products and market development results, and plan for the digital future driven by 5G.

Conference Summary

Nearly 50 concurrent events such as the industry's standard-setting IMT-2020 (5G) Summit and ICT China 2020 High-Level Forum were held during PT Expo China 2020, covering more than 20 segments, such as 5G, AI, the Industrial Internet, smart city, smart energy, smart driving, UHD videos, data centers, emergency communications and quantum computing, with more than 800 speakers from China and abroad. The conference continued to focus on the ICT and the industry integration and transformation after the official launch of commercial 5G. In addition to the announcement of results of multiple awards such as the 3rd "Blooming Cup" 5G Application Competition and ICT China Annual Awards, the 5G industry trends, test results and white papers were also released to continuously set the benchmarks for the ICT industry.

Conference Summary

Opening Forum Speakers:

Liu Liehong
MIIT Vice Minister

Wu Hequan
CAE Member

Wen Ku
Direct General of
the Telecommunication Development Department, MIIT

ICT Leadership Forum:

Host:

Liu Duo
President of China Academy of
Information and Communications Technology (CAICT)

Ding Yun
Huawei Executive Director,
President of the Carrier BG

Chen Dongfeng
Inspur Chairman/
President/CEO

Sinisa Krajnovic
Ericsson (China)
Executive Vice President and
Head of Digital Services

Chen Shanzhi
Vice General Manager and Director of
Expert Committee of
China Information and Communication
Technologies Group Corp.

Markus Borchert
CEO of Nokia Shanghai Bell

Wang Xiang
Chief Strategy Officer/
Senior Vice President of ZTE

Taylor Lam
Deloitte China' s Technology,
Media & Telecom (TMT) industry leader

Digital Economy Leadership Forum Guests:

Host:

Wu Suoning
Vice President of China Association of Communication Enterprises

Wen Ku
Direct General of the Telecommunication Development Department, MIIT

Liu Duo
President of CAICT

Shao Guanglu
Executive Director and Deputy Party Secretary of China Telecom

Zhao Dachun
Vice President of China Mobile

Fan Yunjun
Senior VP and Party Member of China Unicom

Zhu Hongren
Executive Vice President of China Enterprise Confederation

Zhang Wenlin
President of Huawei Corporate Strategy Department

Wu Tian
Vice President of Baidu

Ouyang Ye
SVP and CTO of AsiaInfo Technologies

Conference Summary

ICT Leadership Forum

The main forum of the ICT China 2020 High-level Forum, the ICT Leaders Forum, invited leaders from the Chinese government' s ministries and commissions such as the Ministry of Industry and Information Technology, well-known academicians, experts and industry leaders to gather in one place and hold the opening ceremony. The guests at the forum also gave keynote speeches on the theme New Digital Infrastructure Powered by 5G and proactively discussed major issues in the development of information and communications such as 5G network construction and implementation of 5G applications.

Digital Economy Leadership Forum

With the theme New Space for the Digital Economy in the 5G+ Era, the Digital Economy Leadership Forum invited officials from the Chinese government' s ministries and commissions, top academicians and experts from influential think tanks, pioneers and leaders of the digital transformation of ICT and traditional enterprises for in-depth discussions on integration and innovation in the ICT and traditional industries to jointly accelerate the digital transformation of enterprises. During the forum, an important publication, A New Vision of the Global Digital Economy, was also released to help build a solid digital foundation for the promotion of high-quality economic and social development.

Conference Summary

IMT-2020（5G）Conference

The conference discussed the latest 5G status and development trends as well as new technologies, standards, R&D, testing, industrialization, and network deployment to improve 5G. It released the results of the third “Blooming Cup” 5G Application Competition while organized onsite presentations of outstanding projects submitted to the competition and connected them with investment and financing institutions that aimed to promote project incubation and industrial development and help the conference become an enabler for the digital and smart transformation of government and enterprises.

AI-Driven Future Conference

As the core driving force of the current technological revolution, the new generation of AI will profoundly change all aspects of social and economic activities, and drive the evolution of 5G information services, and empower productions and people’ s lives with smart support capabilities. With In-depth integration of the ICT industry and AI as its theme, the AI-Driven Future Conference invited representatives of government, industries, academia, research, and application developers to discuss ways to further promote the integration and development of 5G communications and the AI industry, and to identify new opportunities for the ICT industry brought by the AI industry.

Conference Summary

International Fintech Roundtable Forum

With the emergence of a new generation of information and communication technologies such as cloud computing, big data and blockchain, the fintech wave is sweeping through the world and reshaping the ecosystem and structures of the entire financial sector. In its practices, exploration and applications, China' s financial sector has gradually gained valuable experience and achieved positive results from innovative research. The International Fintech Roundtable Forum focused on the theme ICT and Digital Finance Development and invited the major players from the financial sector for in-depth discussions on the integration and development of finance and technology to promote mutually beneficial cooperation among global financial, economic and social ecosystems.

2020 Gigabit Network for A Hundred Cities Initiative and Future City Development Summit

How to build a future living space that meets people' s needs is an important issue for the modernization of urban governance. As a revolutionary information technology, 5G will be extensively integrated with AIoT to significantly accelerate the development of new smart cities. By focusing on Building Sustainable Future Cities with AIoT, the summit discussed emerging tech trends and solutions for new smart cities, and recognized outstanding cases and solutions of ICT in vertical industries, cross-border applications and new smart city development with the ICT China 2020 Annual Awards.

Conference Summary

Industrial Internet Network Innovation Conference

As an important part of the new infrastructure, 5G and the Industrial Internet are important driving forces to achieve the digital transformation of the economy and society. The Industrial Internet Network Innovation Conference invited guests from China' s ministries and commissions, local governments, tech companies, industry organizations, research institutions and other sectors to meet and discuss the topic Sharing Network System Development Experience, and carry out such activities as Alliance of Industrial Internet Research Results Release.

Cloud Gaming Conference 2020

With the steady advancement in 5G technology and the development and evolution of cloud computing, as a game format with online interaction as its essence, cloud gaming has finally been presented with a window of opportunity for its development. As a business "bright spot" that highlights the advantages of 5G and the first to implement 5G, cloud gaming has established the industry benchmark for 5G applications. The Cloud Gaming Conference 2020 debuted at this year' s PT Expo and invited guests to discuss the new cloud gaming ecosystem, models and mechanisms, find solutions for the difficulties and obstacles faced by the industry, and promote the rapid development of cloud gaming to build a bright future for digital entertainment.

Conference Summary

The First Smart Education Forum – Gigabit Network Empowering Smart Education Development Forum

In order to implement the China' s national strategy of prioritizing educational development, accelerating education modernization, and building a nation with strong education, the forum collaborated with all participating parties to explore the latest achievements and development trends of education informatization, and together they discussed standard formulation, key technology research, pilot programs, innovative applications and other aspects of smart education for building a long-term coordination mechanism and developing an industry-wide exchange and cooperation platform.

IoT Security Alliance Founding Conference and Summit

The IoT Security Alliance invited the various parties in the IoT industry to develop a platform for exchange, cooperation and public services, to jointly carry out research on critical IoT security technology, standards and the industry, and to work together on promoting the development of IoT security industrt. The summit held the inauguration ceremony for the IoT Security Alliance and collaborated with all participating parties to discuss key issues and development priorities regarding critical IoT security.

Conference Summary

China Light Summit Forum and 2020 China Optical Communication Industry Development Conference

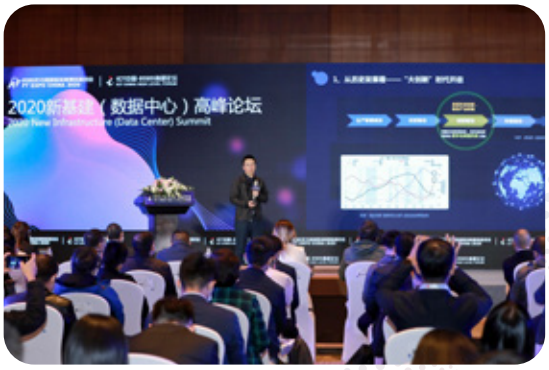
Optical communication technology is the core for building 5G networks, and the full-scale launch of new infrastructure will be of great significance to the improvement and development of China's optical communication technology and industry. The forum organized in-depth discussions on three topics, including 5G + data centers driving the development of communication chips and optical modules, accelerating broadband upgrades to promote the implementation of the Gigabit Cities initiative, and optical network technology innovation and prospects in the emergence of new infrastructure.

Seminar on 5G Small Cell Base Stations for Industrial Applications and Ecosystem

As a key component of the new infrastructure supporting the digital, networked, and smart transformation of the economy and society, 5G must be embedded in thousands of industries. Therefore, it's critical to understand the pain points of the industry, create a sustainable ecosystem, and make 5G replicable and implementable. The forum further promoted industrial integration, explored the 5G application models in vertical industries, strengthened cooperation and exchange between upstream and downstream enterprises in the supply chain, and promoted the ecosystem development of the industry.

TTL Forum 2020 – 5G + AIoT Promoting the Digital Development of Human Habitats

5G applications will eventually expand from indoor use at "smart homes" to communities and even urban spaces with widespread 5G networks and related technologies. This forum was co-organized with CAICT's China Telecommunication Technology Labs (CTTL), and invited top experts in real estate technology, AIoT and ICT to discuss new technologies and trends in smart communities, smart buildings and smart homes.



2020 New Infrastructure (Data Center) Summit

The development of high-quality data centers will become an indispensable "cornerstone" for the steady recovery and development of the economy and society after the pandemic. The forum focused on the development and future of data centers in new infrastructure, the opportunities and challenges brought by cloud and network integration to data centers, and the future of data centers in edge computing with in-depth and layered discussions on the theme Building Big Data Centers and Accelerating Digital Transformation.

Conference Summary

5G+ Internet of Vehicles Development Summit

With New 5G + Internet of Vehicles Ecosystem –Coordinated Driver for New Infrastructure as the theme, the 5G + Internet of Vehicles Development Summit focused on such aspects as the industrial ecosystem, technological frontiers, industry trends, 5G-enhanced capabilities, integration, innovation, and coordinated application of 5G + Internet of Vehicles in the context of the new infrastructure with speeches and high-level dialogues to create a world-class platform for the cooperation and exchange among the parties involved in the entire 5G + Internet of Vehicles ecosystem, including the government, industry, educational and research institutions, and companies making products for end users.

5G + Industrial Internet Summit

In order to implement the spirit of national strategies and initiatives formulated by the CCP Central Committee and the State Council such as Made in China 2025, and promote the deep integration of 5G and smart factories, the 5G+ Industrial Internet Summit invited senior executives from well-known Chinese and foreign companies, industry experts and scholars to present valuable case studies on smart factories, outstanding solutions for smart factories, and to help develop the integration of 5G + cloud manufacturing and smart factories with Chinese characteristics.

China 5G + Big Video Industry Development Summit Forum

This forum invited regulatory authorities, industry organizations and research institutes as well as representatives of relevant companies and application enterprises from various provinces and cities to focus on the development status and trends of the big video industry in the 5G era. The forum was designed to promote the greater consumption of UHD video terminals that will enable both industries and individuals to more conveniently enjoy the big video experience made possible by the new generation of technologies.

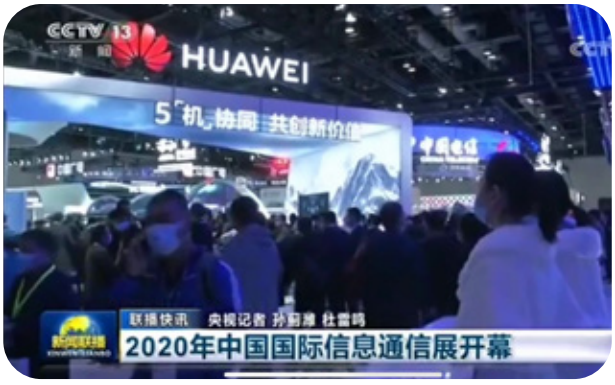
5G + Smart Energy Summit Forum (closed-door)

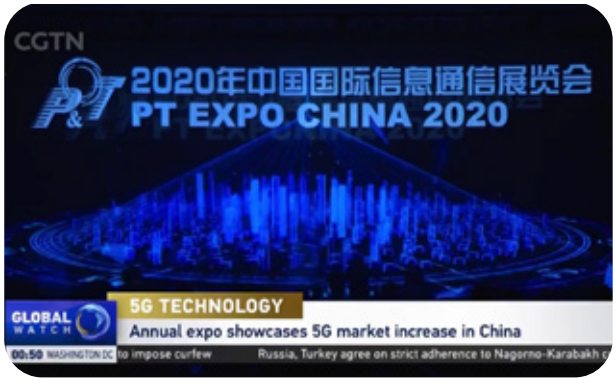
5G + Smart Energy Summit Forum invited senior executives from well-known companies in the energy and ICT industry as well as industry experts and scholars to gather in one place while carrying out such activities as the release of 5G + Smart Energy Solutions to create the integration of 5G + Industrial Internet and smart energy solutions with Chinese characteristics.

Media Coverage

This year’ s event attracted more than 3,000 Chinese and foreign media outlets, including People's Daily, Xinhua News Agency, China Media Group, China Global Television Network, China Radio International, Tianjin Television, Economic Daily, China Daily, 21st Century Business Herald, Legal Daily, China Industry News, People’ s Posts and Telecommunications News, China Electronics News, Tencent, Sina, Sohu, Netease, ifeng.com, C114, ccidcom.com and caijing.com.cn to spread the new technologies and applications from the Expo to the rest of the world.

Media Coverage





Media Coverage

新浪财经 > 正文

2020年中国国际信息通信展新闻发布会今日召开

来源：PTEXPO

秋分已过，双节将至。中国国际信息通信展览会，倒计时3周！

今天下午，“2020年中国国际信息通信展览会”新闻发布会在北京圆满举行。

大家正在搜 展开

嘿 bro！提前预约你的通信展时间，一起“云上”观展吧

人民图片 vip.people.com.cn

2020年中国国际信息通信展览会开幕

人民图片网-人民网 2020-10-14 15:56:27

1.2020年10月14日，为期3天主题为“网融万物，智向未来”的2020年中国国际信息通信展览会在北京国家会议中心开幕。本届展会是在疫情防控常态化形势下，我国举办的首个国家级信息通信领域专业展会。从行业来看，新基建、5G+行业应用、工业互联网、数字中国、新型智慧城市等领域的相关技术和应用是展示重点。展会同期还将举办“ICT中国·2020高层论坛”“IMT-2020（5G）大会”等50余场系列活动。（罗伟/人民图片）

经济新闻

2020年中国国际信息通信展览会今日开幕

2020-10-14 作者:李振争 来源：中国证券网

2020年中国国际信息通信展览会14日在北京国家会议中心开幕，本届展会主题为“网融万物，智向未来”。本届展会是在疫情防控常态化形势下，我国举办的首个国家级信息通信领域专业展会。

博览会上，新基建、5G+行业应用、工业互联网、数字中国、新型智慧城市等领域的相关技术和应用是展示重点。

博览会期间，中国电信、中国移动、中国联通都直观地展示5G应用和最新技术进展，中国广电重点展示有线电视网络整合和5G相关内容，中国铁塔重点展示面向运

主页 时政 国际新闻 区域经济 党建

财经-新京报网手机版

工信部闻库：未来三年我国处于5G发展导入期，要适度超前建设

2020-10-14 10:02:01 新京报 记者：许诺

新京报贝壳财经讯（记者 许诺）10月14日上午，在2020中国国际信息通信展览会数字经济领导者论坛上，工信部信息通信发展司司长闻库在致辞中表示，未来三年我国处于5G发展的导入期，我们要坚持适度超前的建设节奏，努力形成以建促用的5G良性互式。

闻库表示，新型基础设施是数字经济发展的重要内容，也是数字经济发展的根基，要加大千兆光纤网络

中国新闻网

2020年中国国际信息通信展览会在京开幕

中国新闻网 2020-10-14 16:36:15

10月14日，2020年中国国际信息通信展览会在北京国家会议中心开幕。本届展会主题为“网融万物，智向未来”。本届展会是在疫情防控常态化形势下，中国举办的首个国家级信息通信领域专业展会。新基建、5G+行业应用、工业互联网、数字

北斗卫星导航系统高峰论坛在京圆满举行

2020-10-14 19:04:57 浏览量：460969

来源：综合

新华通讯

2020年10月14日，由工业和信息化部主办，中国信息通信研究院、中国邮电器材集团有限公司承办的北斗卫星导航系统高峰论坛（以下简称“北斗论坛”）在北京圆满举行。北斗论坛以“创新融通，北斗助力新基建高质量发展”为主题，旨在为北斗推广和应用提供创新和交流的平台，是2020年中国国际信息通信展览会的重要专题论坛。

工信部闻库：中国要坚持适度超前的5G建设节奏

何书静 财新科技 今天

目前全国已经开通5G基站68万个，较三大运营商年初设定的建设目标有所提前

5G商用逐步推开，中国要坚持适度超前的5G设节奏。10月14日，工信部科技司司长闻库在2020中国国际信息通信展览会上作出上述表

刘烈宏出席2020年中国国际信息通信展

人民邮电报 今天

10月14日，2020年中国国际信息通信展览会在北京开幕。工业和信息化部副部长刘烈宏出席开幕论坛并致辞。刘烈宏强调，信息通信行业要深入贯彻落实习近平总书记关于网络强国的重要思想，坚持新发展理念，在新的起点上加快推进信息通信质量发展。一是加快数字基础设施建设，提升服务能力。坚持适度超前原则，稳步推进5G网络部署，加快千兆光纤、数据中心、物联网、工业互

5G新基建向何方？年度唯一实体通信展今日启幕（多图）

通信产业网 昨天

10月14日，2020年中国国际信息通信展览会在北京国家会议中心开幕，本届展会主题为“网融万物，智向未来”。作为亚洲规模最大、最具影响力的通信盛会之一，通信展被视为信息通信技术演进的“风向标”、行业发展的“晴雨表”。

Media Coverage

新华财经I亚洲多国数字经济正快速发展

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新华财经

新华社上海10月15日电（记者陈爱平、陈云富）随着包括我国在内的多个亚洲国家数字经济快速发展，各国在数字经济领域合作有望进一步走深。

记者在2020年中国国际信息通信展览会上获悉，2020年，我国5G商用步伐加快推进，截至目前已建成开通5G基站超过60万座，5G终端连接数超1.5亿。我国5G网络用户数、基站数、行业创新数均处于领先地位。

我国数字经济持续稳定快速发展。智能制造、智慧农业、智慧旅游等融合应用[illegible]传统产业的转型升级，新业态不断出现，数字产业化、产业数字化为主要内容的数字经济蓬勃发展。今年[illegible]

工信部主办的、一年一度最具影响力的ICT行业年度盛会"中国国际信息通信展"（PT展）正在北京·国家会议中心火热进行。今年的PT展上，通信人非常自豪的是，我国5G在国际标准贡献、网络能力、生态成熟[illegible]方面已经实现了领先，我国5G用户更是超过了[illegible]70%，三大运营商5G套餐用户数已经超过1.5亿，5G终端累计出货量超过1.2亿。

封面新闻记者 滕晗

10月14日，中国国际信息通信展览会数字经济领导者论坛在北京举行。中国信息通信研究院院长刘多在会上分析2019年全球数字经济典型特征时表示，**2019年全球47个经济体数字经济规模达到31.8万亿，比去年增长1.6万亿，同期GDP增长1.2万亿，"所以数字经济的增长绝对值是超过了GDP增长的绝对值。"**

刘多指出，发达国家的数字经济发[illegible]比发展中国家还是较大。"20个发[illegible]

广电5G新进展：已在北京等六地建设700M试验网，未来手机可看电视、直播不用流量

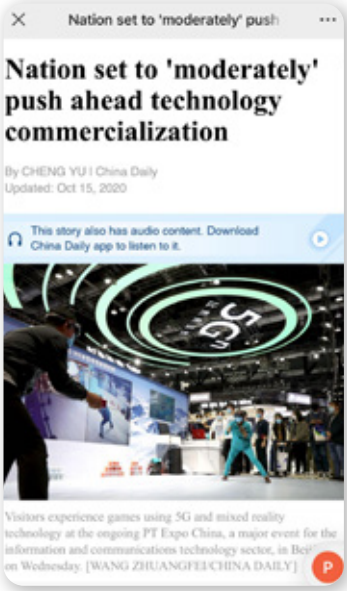
夏旭田　财经号　+订阅
2020-10-15 16:57

截至7月末，中国IPTV总用户数已达到3.05亿户。

10月12日揭牌成立的中国广电网络股份有限公司明确宣布，将发行192号段的手机号码，这让中国广电被喊了多年的"第四大运营商"得以坐实。

10月14日，在2020年中国国际信息通信展览会"5G小基站面向行业应用与生态研讨会"上，国家广电总局广播电视规划院高级工程师高杨透露，今年8月份，中国广电就已联合设备厂商对700兆的5G设备开展了型号核准和入网工作，目前，广电已在包括北京在内的6个地方开始了700M的5G试验网建设，该规划[illegible]配合中国广电和各大设备商进行网络测试工作。

他介绍，中国广电将在直播中引入5G广播。通过手机



Visitors experience games using 5G and mixed reality technology at the ongoing PT Expo China, a major event for the information and communications technology sector, in Beijing on Wednesday. [WANG ZHUANGFEI/CHINA DAILY]

Nation set to 'moderately' push ahead technology commercialization

By CHENG YU
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China will "moderately" push ahead 5G construction in the next few years, as commercialization of the technology gathers speed in the country despite the COVID-19 challenges and economic uncertainties, a top regulatory official said on Wednesday.

"As the country is set to enter a lead-in period in the next three years, China will continue to build 5G networks in a rhythm that is moderately ahead of schedule," said Wen Ku, head of information and telecommunications development department at the Ministry of Industry and Information Technology.

Lead-in period, according to some industry insiders, means that new products, new formats and new models of 5G applications are constantly emerging and that such applications are shifting from single application to large-scale and systemic scenarios.

"The rhythm is to ensure that the wider coverage of 5G can help drive its application in more industrial and consumer scenarios," said Wen at the PT Expo China 2020, which started on Wednesday in Beijing.

Global efforts are needed to create a fair and open business environment for the digital economy along with steps to push ahead the construction of new innovative infrastructure such as artificial intelligence and big data centers, he said.

Wen's remarks came a year after China kicked off its 5G commercialization efforts. The country has cemented its position as a global leader in 5G wireless technology and is expected to account for 30 percent of the global 5G connections this year, according to the Global System for Mobile Communications Association, an international association of mobile operators.

Zhao Dachun, deputy general manager of China Mobile, said that the telecom firm had completed its annual construction target ahead of schedule by opening over 350,000 5G base stations, while Ran Yanjun, deputy general manager of China Unicom, said his company had joined hands with China Telecom to open 330,000 5G base stations.

The total number of 5G base stations in China has already reached 690,000, slightly ahead of the 630,000 annual target announced by the three major telecom operators at the beginning of the year.

"The country has attached unprecedented importance to the development of the digital economy, including 5G, in face of global economic uncertainties and the COVID-19 pandemic. The new 5G infrastructure construction will further boost the enthusiasm for 5G and increase its use in all walks of life," said Zhao from China Mobile.

The company has completed 2,000 5G commercialization cases in 15 verticals and the total contract amount runs into several billion yuan, said Zhao. "This is just a beginning," he said.

A report by the China Academy of Information and Communications Technology pointed out that China's 5G commercialization efforts will add investments of over 800 billion yuan ($121.6) this year.

Total investments on 5G technologies will reach 1.3 trillion yuan in the next five years and help create more than 3.5 million jobs. By 2030, superfast 5G will help create a total economic output of 6.3 trillion yuan, said the report.

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