

封面报道 Cover Story

全球 3G 进入规模发展时期

当前,全球 3G 市场进入快速发展阶段,产业资源也逐渐向 LTE 领域转移。在 LTE 成熟之前,移动通信业还将涌现出哪些亮点和机遇? P33

行业要闻 Industry News

- 8 政府工作报告强调大力培育战略性新兴产业 通信业机遇凸显
- 9 三网融合试点方案即将确立
- 10 3.15 通信服务主题锁定“规范服务放心消费”
- 11 ICT 成为推动经济复苏的重要力量

全球动态 World Wide Watch

- 12 欧盟将为手机上网设定漫游费上限

环球媒体 Overseas Media

- 14 硬目标

观点 Viewpoint

- 15 消除发展瓶颈 推进三网融合
目前,积极探讨我国三网融合的政策监管和商业模式固然重要,而推动整个 ICT 产业的升级也是重要的一环。
- 17 发展绿色 ICT 产业大有可为

ICT 行业实行节能减排措施,在低碳经济的推动中能够发挥重要作用。

- 19 中关村通信产业集群
进一步成长需改善发展环境

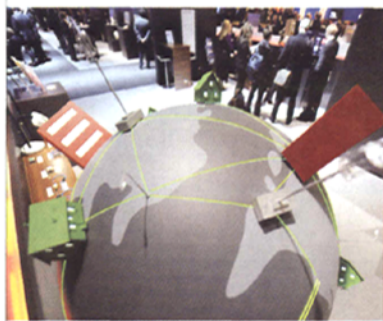
中关村通信产业集群的成长仍处于发展阶段,有必要及时总结分析经验和不足。

行业监管 Policy & Regulation

- 25 日本、韩国出台新规阻击网络侵害
为遏制网络侵害,日本和韩国采用了不同的手段和方式。
- 29 确认个人信息的财产属性
抑制垃圾信息泛滥
抑制垃圾信息泛滥必须承认个人信息是其财产权益,个人信息的商业化滥用是对个人财产权益的侵害。

特别报道 Special Focus

- 41 秦皇岛移动通信的诞生与成长
秦皇岛移动通信 26 年的发展历程将载



市场分析 Market Analysis

宽带无线应用发展 推动产业升级

截至 2009 年底,全球移动用户达到了 45.9 亿,而 3G 也已进入规模发展时代。随着 3G 网络的逐步完善,丰富多彩的移动宽带应用对于产业发展的推动作用日益显现。 P21



特别报道 Special Focus

40 3G 在秦皇岛

目前,秦皇岛进入了3G网络的全面发展期,开始了移动通信为秦皇岛的经济发展和公众服务的新时代。3G不仅给秦皇岛市民的生活带来了翻天覆地的变化,也为推动秦皇岛市经济发展以及和谐社会建设做出了重要贡献。



入中国移动通信的发展史册。

45 秦皇岛电信:

不断完善C网引领3G生活

秦皇岛电信通过为客户量身定制的行业信息化解决方案,为港城民生事业的腾飞插上了信息化双翼。

48 秦皇岛移动:

倾力打造滨海“移动3G无线城市”

秦皇岛移动结合当地特点,推出了百余无线信息化解决方案,快速推动着“无线3G城市”的发展进程。

52 秦皇岛TD网络的建设与优化

通过三期的建设优化,TD网络的主要指标已经基本接近GSM网络的水平。

56 秦皇岛联通:

加速实现WCDMA建网与应用

秦皇岛联通通过提升客户对3G业务的感知度,加快业务的推广速度,使广大客户充分体会3G带来的便捷功能。

行业应用 Industry/Business Applications

59 环保信息化市场潜力巨大

四大难题亟待解决

环境问题的日益突出使环保信息化应运而生,并成为当前环境保护的重要手段。

运营管理

Operation & Management

63 用户驻地网更新与维护分离的核心是

业主利益和竞争机制

驻地网的更新、维护和接入要依不同情况,按照合理的流程进行,其核心是保护业主的利益和引入公平竞争机制。

技术应用

Technology & Application

67 LTE离我们还有多远

处在竞争环境下的LTE是一个长期的发展愿景,距离大规模部署应用还有很长的道路,不可能一蹴而就。

71 10G EPON时代来临

广东电信勇当先锋

终端纵览 Terminal Overview

73 移动定位终端和平台发展呈现新趋势

移动定位终端和移动定位平台发展在加速,并呈现出一些与以往不同的新趋势。

77 简讯 News in Brief

80 报告摘英 Latest Report

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The global 3G entering the stage of mass development



In 2009, China's 3G market grew rapidly with a smooth start. The operators' 3G network construction progressed with a high speed, 3G networks covered most cities at the end of year, and 3G users also increased fast. As of December 2009, China's 3G users overtook 15 million. The three operators have been competing across-the-board in technology, business and marketing.

At the same time, the global 3G market has entered into a stage of rapid development. Despite the fact that the financial crisis in the second half of 2008 has slowed the deployment of 3G network deployment, the overall 3G users continues to maintain a rapid growth, and the range of 3G services and applications continues to expand, which are particularly promoted by the increasingly widespread application of 3G-enhanced technologies.

CATR of MIIT has made a tracking study on the development of the global 3G market in 2009-2010, and through the overview of the industrial environment in global 3G market in terms of regulatory environment, technology evolution and market applications. The report just released analyzed the development process and trends of global 3G networks, users, operations and terminals, and focused on the competition among Chinese operators in 3G market. The competitive strategies of the three operators have been analyzed so as to determine incoming trends of China's 3G market. (See P33)

3G in Qinhuangdao

From 1984 to 2010, mobile communication in Qinhuangdao city, Hebei province has developed for 26 years, not only providing earth-shaking changes for the lives of the people of Qinhuangdao, but also playing an important role both in promoting economic development and in building a harmonious society in the city.

Today, three 3G networks of Qinhuangdao have entered the phase of the overall construction ushering in a 3G era in which mobile communication is more widely used for economic development and the public service. In early 2009, the Qinhuangdao Mobile actively promoted the building of a wireless city in Qinhuangdao based on the advantage of network of TD-SCDMA technology. As of the end of 2009, TD-SCDMA network users had reached more than 40,000. While Qinhuangdao Telecom's 3G network had finished its seamless coverage in five major regions spanning from Shanhaiguan in the east to the Gold Coast in the west and the areas along the highway, railway and coastal by April 20, 2009. As of the end of 2009, its 3G users under the brand "e surfing" had reached nearly ten thousand. On October 1, 2009, China Unicom's 3G services under the brand "WO" was put into commercial in Qinhuangdao, and aroused strong interest among consumers with its preferential general package price and high-speed internet access, as well as mobile search, mobile TV and other functions. As of the end of 2009, Qinhuangdao Unicom's 3G users amounted to more than 10,000.

Mobile communications will change the way of people's work, living and entertainment even ecological environment, the three telecommunication operators will definitely make new contributions and create a new performance in building a charming Qinhuangdao.

(See P40)



Broadband wireless application promotes industrial upgrading

In 2009, the global communication industry showed a steady development and a slowdown in the user number growth. As of the end of 2009, global mobile users reached 4.59b with a total of 590m more users added through the whole year. Meanwhile, 3G users grew sharply and account for a considerable proportion of the new added users. In 2009, the total number of global 3G users amounted to 630m including 210m new users, which showed that 3G had entered a new era of scale development.

It is anticipated that in 2010, the growth pace of the whole global

mobile users may be muted. The number of new added 3G users this year will reach the same level with that of 2G, and it will overtake that of 2G users for the first time in 2011. In addition, services innovation will turn to the field of object-object communication, which is also a major trend for mobile data services in 2010. The modes of interaction are shifting from person-person to person-thing and thing-thing communication over time. As for the service scope, service innovation is gradually shifting from individual field to the field of the informatization of home and industry. (See P21)