



GCFTM
Global Certification Forum

Regional Activities of GCF

Lars Nielsen, GCF General Manager
LTE Workshop, Shenzhen September 7, 2017

Mobile drives the world economy... and interoperability matters.

- Mobile has changed the lives of billions of people around the world
- Mobile's impact is based on the adoption of global standards
- In 2016, the mobile industry generated 4.5% of global GDP
- Mobile interoperability helps the global economy communicate more efficiently
- Mobile may help accelerate development

***GCF Certification: because
interoperability matters***

Evolving market...

Operator-demanded GCF Certification



- Operators sell phones to their customers through their shops.
- Operators request that their phone suppliers GCF Certify their products.

Phones sold outside of operator channels (open market)



- Independent sellers have no interest in ensuring good device-network interoperability.
- GCF Certification is not requested of manufacturers by retailers or consumers.

How to ensure device-network interoperability for the open market?

How is GCF addressing the interoperability of open-market devices?



GCF's approach:

Ensure open market product device-network interoperability by:

- GCF Certifying baseband chipsets, stacks and reference designs.
- Encouraging ODMs and their partners (the phone brands) use of GCF Certified products.
- Encouraging ODMs and their partners to use GCF's test plans and validated test equipment in their product development.

Operator coverage



- Top 35 Operator Groups have 6.2 B subscribers
- Operators Groups with GCF membership have 4.05 B subscribers

Note: Membership implies that at least one network is member of GCF

Why Regional Activities

- Devices are becoming a global commodity with fewer hardware variants required to cover the Global market
 - GCF want ultimately all devices to interoperate correctly with the networks
 - Globalisation makes it easy to import devices
- Volumes and growth has shifted from traditional drivers of certification (Europe, US) to emergent markets
- Certain emergent markets are having significant problems with device quality due to lack of testing and understanding of requirements

Current Regional Priorities

- Key emergent markets
 - India
 - Middle East Northern Africa
 - LATAM
- Special important markets
 - China
- Tools used
 - Workshops
 - Conferences
 - Mobile Industry Exhibitions



INDIA

India Status

- Key work partners:
 - Bharti Airtel, Reliance Jio, Vodafone, Idea
 - COAI and TSDSI
 - TEC
- Current work
 - Identify India specific requirements to be covered in GCF work items
 - Standardisation of requirements in TSDSI
 - Cooperation with TEC and other government bodies on regulatory testing for devices
- GCF held 4 workshops in India in 2016 and will hold 3 in 2017



MIDDLE EAST

Middle East Status

- Key work partners:
 - Du, Etisalat
 - TRA
- Current work
 - Focused on UAE then expand to GCC
 - Development of “All Mode Requirement” for region
 - Cooperation with TEC and other government bodies on regulatory testing for devices
- GCF held 2 workshops in Dubai in 2016 and had 1 in 2017 and will participate in the GSMA 360 MENA conference



LATAM

LATAM Status

- Key work partners:
 - Telefonica, TIM
- Current focus
 - America Moviles
 - Pacific RIM countries
 - Brazil have been put on hold
- GCF are currently using conferences to connect with interested parties
 - America Digital Congreso in Santiago de Chile
 - MWC Americas in San Francisco sponsoring the LATAM event
 - GSMA 360 LATAM conference in Bogota



CHINA

China

- Key work partners:
 - China Mobile, China Unicom, China Telecom
 - CCSA
- 2017 activities:
 - Shenzhen workshop with China Mobile and GTI
 - MWC Shanghai
 - China Telecom Device Trade Fair
- Feel free to tell us what more GCF can do for China

China Telecom Device Trade Fair

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GCF主席：全网通惠及整个产业，将推动全球普及

2017-07-26 17:30

搜狐科技/崔家乐

7月26日，在天翼智能生态博览会的智能终端技术论坛上，来自国际测试认证组织GCF主席 Lars Nielsen宣布，全网通终端国际测试认证激活，这不仅意味着全网通成为国际标准，而且已经有了具备认证能力的机构。GCF于1999年成立，是国际最权威手机认证机构。当天，针对全网通的发展与问题，Lars也接受了媒体的专访。

国内全网通及物联网发展迅速远超国外

Lars谈到，他曾经多次参加电信的博览会，今年他也参加了在上海的MWC大会，相比之下，Lars认为，这次天翼智能生态博览会的规模要比之前历届以及上海的MWC大会大得多。

同时，他也指出了在此次博览会上的两大趋势：

第一个是全网通终端的增多，几乎每家厂商都在涉及全网通。在当天的天翼展上，中国电信称今年1-6月份全网通手机销量已经达到了14700万部，比去年同期增长95%，全网通手机目前已经占到73%的市场份额。其中中国电信天翼终端1-6月份已经销售6600万部，同比增长33.0%，天翼终端全网通占比也达到91%。

另一个趋势则是智能生态的发展，在本次天翼展上，中国电信围绕五大生态圈，设立了智能连接、智慧家庭、天翼物联网、互联网金融、云和大数据等5大主题展区，全面展示了五大

大家都在搜：无人便利店体验记

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24小时热文




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GCF China Mobile Workshops

Ice Hotel, Shenzhen, 7 September 2017



China Workshop



Events

Globally-trusted products for digital life

GCF Certification exists to enable manufacturers to ensure their latest smartphones, handsets and wireless products will work correctly on the world's

Manufacturer	Product	Date
ZTE	N9517	2017-08-31
Sierra Wireless	AirPrime HL7650	2017-08-29
TCL	4049X	2017-08-28

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China Regional Workshop, Shenzhen

Testing and Certification of M-IoT and LTE Devices

hosted by GCF, GTI and China Mobile

The logo for GTI (Global Test Initiative) consists of the letters 'GTI' in a large, bold, blue, sans-serif font.



Building on the success of [previous GCF China workshops on mobile device certification](#), GCF, GTI and China Mobile are hosting two workshops in Shenzhen on 7 September, 2017

- Testing workshop for Mobile-IoT (M-IoT) Devices (morning)
- Testing workshop for LTE Devices (afternoon)

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