

Regional Activities of GCF

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

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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?



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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.

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Operator coverage



GCF Membership:

7 of top 10

13 of top 20

18 of top 35

- 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



7

Current Regional Priorities

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









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 andwill 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



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China Telecom Device Trade Fair

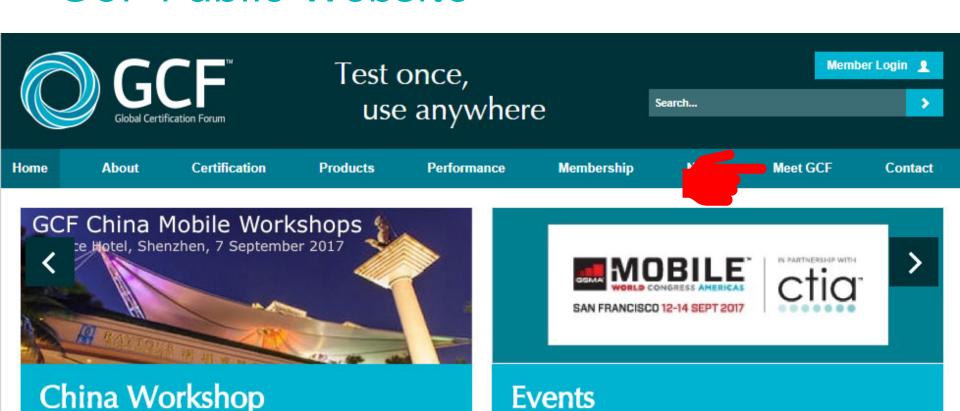








GCF Public Website



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

GCF Public Website



Building on the success of previous GCF China workshops on mobile device certification, GCF, GTI and China Mobile are hosting two workshops in Shenzen on 7 September, 2017

Member Login 1

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Contact

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

Read more...

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