Global Certification Forum

GCF 5G MENA 2020 23-24 November 2020

Lars Nielsen – GCF CEO

GCF
Test Certify Connect

Introduction

GCF
Test Certify Connect
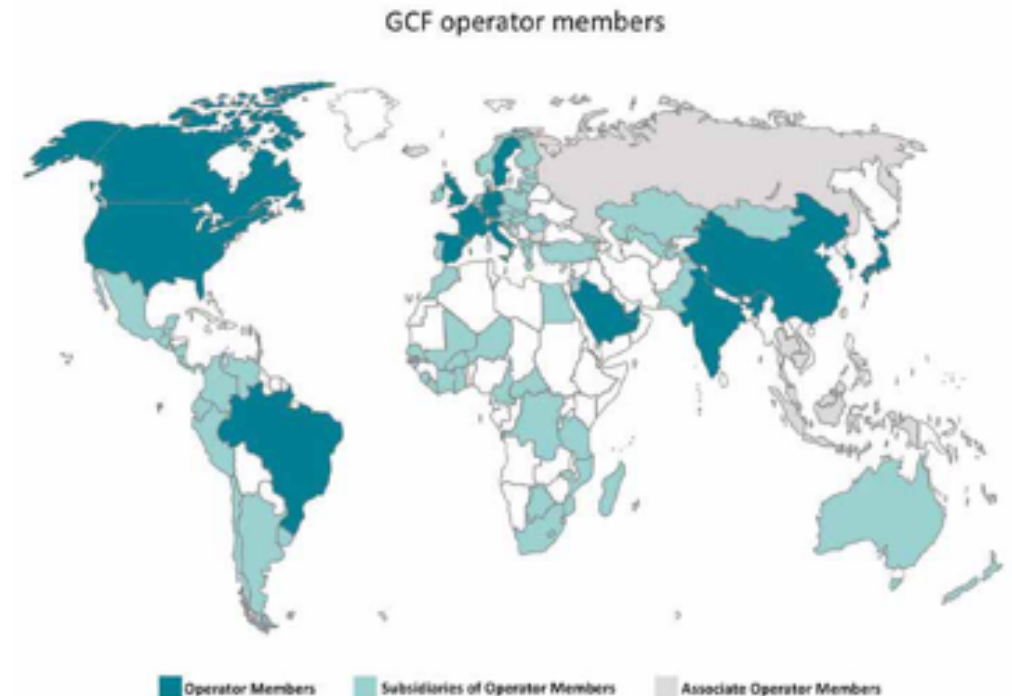
What is GCF

Founded in 1999, the Global Certification Forum (GCF) is the globally-recognised quality mark for the interoperability of devices that incorporate mobile connectivity, with more than 300 members world-wide.

operators – manufacturers - testing industry

GCF certification is based on test cases defined by following organisations:

- 3GPP
- GSMA
- OMA SpecWorks
- oneM2M
- .....

GCF operator members

Operator Members   Subsidiaries of Operator Members   Associate Operator Members
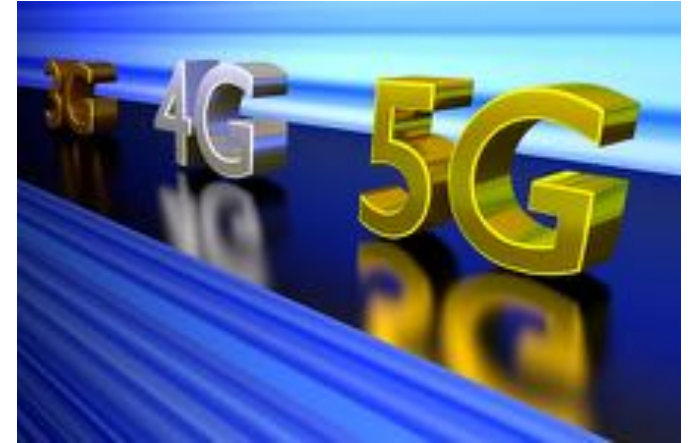
Interoperability and high-quality service

- Operators' capacities (bandwidth and resources) are limited, and a myriad of innovative devices and applications are appearing
- Applications and devices rely on well-functioning networks to perform correctly and offer good QoS
- Manufacturers & operators have mutual interests in that devices and applications should follow standards and have no interoperability issues

GCF is the industry's solution to address interoperability, it is agile and in sync with the development of the 3GPP standard and industry's requirements

GCF priorities

- Enhancing coverage of 5G certification

  - Next use cases & bands & connectivity options

- Increase offering for the IoT markets

  - IoT solution promoting usage of certified modules

  - oneM2M certification

  - IoT chipset certification

  - IoT security starting 1st December 2020

- Critical communication certification (with TCCA)

- Connected vehicle certification (with 5GAA)

- Connected industry

Investment in the future

- 5G and vertical industries increase the complexity of work items for certification
- GCF is investing significantly in
  - Development of the work item/test case database (DCC) to address future requirements
  - Supporting new vertical product certification
  - Quality management
  - Making certification submission easier and more robust
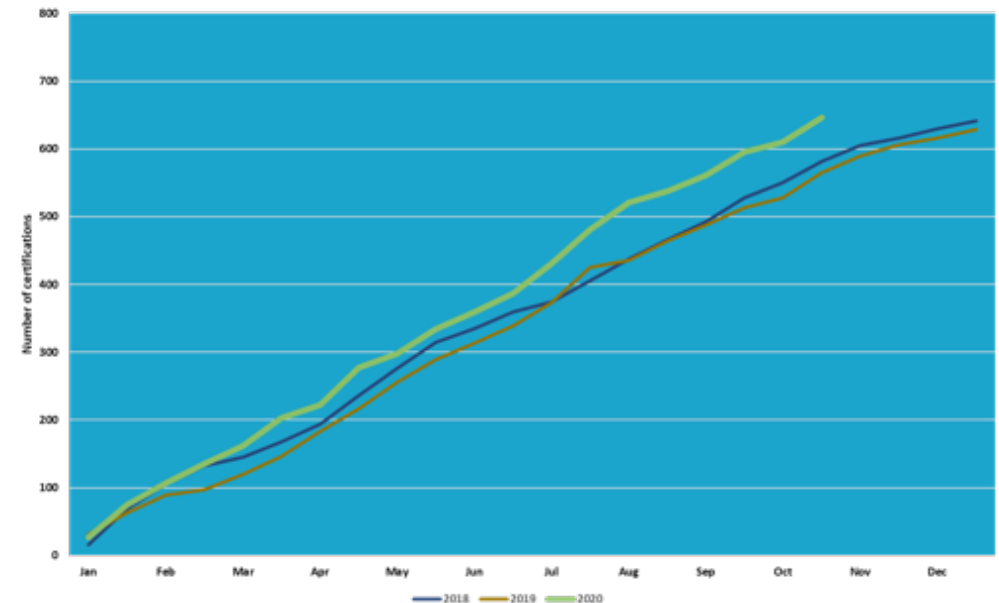 - Simplifying the GCF website

Challenging 2020

- Physical meetings and events had to be replaced by online events
- Travel restrictions & lockdown
- Geopolitical trade tensions
- However 2020 will be a successful year for GCF
  - Record number of certifications
  - No loss of members
  - No delays in certification
  - 5G certification on track

GCF Certification Trend - All Products - End October 2020

Agenda

GCF5GMENA - Day 1 – 23rd November

SESSION	SPEAKER(S)	TIME	ORGANISATION
OPENING REMARKS	SALEEM ALBLOOSHI	10:00 AM - 10:05 AM GST	DU
AGENDA AND INTRODUCTION TO GCF	LARS NIELSEN	10:05 AM - 10:15 AM GST	GCF
5G – HOW, WHAT, WHERE, WHY? THE GLOBAL PICTURE AND IMPLICATIONS FOR MENA	CHRIS HOGG	10:15 AM - 10:25 AM GST	GCF
TRANSFORMING THE OPERATOR FROM THE INSIDE OUT: KEY TECHNOLOGIES AND LESSONS LEARNED.	DR MAHMOUD R SHERIF	10:25 AM - 10:40 AM GST	DU
PARTNERSHIP, A RELEVANT STRATEGY TO DEVELOP NEW ORANGE SERVICES	MICHELINE PERRUFEL	10:40 AM - 10:50 AM GST	ORANGE
5G - ACCELERATING GROWTH	SAMI NASHWAN	10:50 AM GST - 11:05 AM GST	HUAWEI
RIDING THE 5G WAVE: AI AT THE EDGE	MR AJI ED	11:05 AM - 11:20 AM GST	NOKIA
5G SPEEDTEST AND LATENCY: HOW DOES MENA COMPARE WITH OTHER REGIONS?	JAMES CARROLL	11:25 AM - 11:35 AM GST	OOKLA
HOW OPEN RAN WILL TRANSFORM MOBILE NETWORKS	SARABJIT SINGH	11:35 AM - 11:50 AM GST	KEYSIGHT
THE 5G BUSINESS CHALLENGE: FINDING AND DEVELOPING NEW BUSINESSES AND SERVICES IN KEY VERTICALS	ABDESSATTAR SASSI	11:50 AM - 12:05 PM GST	ZTE
APPLYING ITU'S AI/ML TOOLSET IN COMMUNICATIONS NETWORKS	DR. BILEL JAMOUSSI	12:05 PM - 12:15 PM GST	ITU
AI/ML IN FUTURE NETWORKS: OPPORTUNITIES FOR MENA	VISHNU RAM OV	12:15 PM - 12:25 PM GST	IEEE
CLOUD AND AI: NEW APPLICATIONS ENABLED BY 5G, AI AND CLOUD	TAYFUN WANG	12:25 PM - 12:35 PM GST	CLOUDMINDS
5G MOBILE NETWORK TESTING	JIBRAN SIDDIQUI	12:35 PM - 12:55 PM GST	ROHDE & SCHWARZ
WRAP UP, LESSONS LEARNED AND INTRO TO DAY 2.	LARS NIELSEN	12:55 PM - 1:00 PM GST	GCF

GCF5GMENA - Day 2 – 24th November

SESSION	SPEAKER(S)	TIME	ORGANISATION
WELCOME AND RECAP FROM DAY 1	LARS NIELSEN	10:00 AM - 10:05 AM GST	GCF
MENA MOBILE ECONOMY: TRENDS AND BEST PRACTICES IN STIMULATING 5G ENABLED ECONOMIC GROWTH.	JAWAD ABBASSI	10:05 AM - 10:20 AM GST	GSMA
5G BRINGS EXCITING OPPORTUNITIES BUT ALSO MAJOR CHALLENGES TO DELIVER MEMORABLE CUSTOMERS EXPERIENCE FOR TELCOS.	DR. EMMANUEL MANYONGANISE	10:20 AM - 10:35 AM GST	DU BUSINESS
MOBILE PRIVATE NETWORK AND IOT INDUSTRIAL USE CASES	AMMAR SABBAGH	10:35 AM - 10:50 AM GST	ERICSSON
HEALTHCARE AND BECOMING 'COVID-SECURE': HOW 5G, AI AND CLOUD ARE KEEPING PEOPLE HEALTHY IN UAE	DAVID LEE	10:50 AM - 11:00 AM GST	SINGULAR WINGS
HOW AI OPENS UP NEW OPPORTUNITIES FOR NEW SERVICES: 5G AND AI, NECESSITIES AND ETHICS	SHADI HAYANI	11:00 AM - 11:10 AM GST	TELCOMIRA
5G CAMPUS IN DUBAI, HOW CAMPUS USE CASES WILL FOSTER INNOVATION.	FALK SCHRÖDER	11:20 AM - 11:30 AM GST	DETECON
LIFI AND 5G AS NATURAL CONNECTIVITY PARTNERS	MOHAMED AZAYEM	11:30 AM - 11:45 AM GST	LIFI ALLIANCE
CLOUD-NATIVE ARCHITECTURES WILL DEFINE THE VRAN FUTURE	MOHAMED BAKRY	11:45 AM - 12:00 NOON GST	CISCO
4G EVOLUTION TO CLOUD NATIVE 5G CORE	ORHAN NAZLISOZ	12:00 PM - 12:15 PM GST	HPE
COVID SECURE: HOW IDENTITY SOLUTIONS ARE BECOMING CRITICAL TO THE FIGHT AGAINST COVID.	ANAS MOSTAFA	12:15 PM - 12:30 PM GST	VERIDOS
STRATEGY IN ACTION: HOW OPERATORS CAN BENEFIT FROM COLLABORATIVE STRATEGY SETTING WITH THEIR IOT SUPPLIERS – A CASE STUDY FROM THE DEFENCE INDUSTRY	PROF. JEROME COUTURIER PHD, MBA	12:30 PM - 12:45 PM GST	3H PARTNERS
PANEL SESSION: DEVELOPING NEW BUSINESSES USING 5G, AI AND CLOUD - LESSONS LEARNED AND WAYS FORWARD.	CHRIS HOGG	12:45 PM - 12:55 PM GST	GCF
FINAL THOUGHTS, LESSONS LEARNED AND PRIZES DRAW	LARS NIELSEN	12:55 PM - 1:00 PM GST	GCF