



5G, is termed as the next generation of cellular network that is deemed to succeed 4G & take computer networking to the next level. By next level, we mean **100 Folds Higher Throughput, Reduced latency by 100 folds & Support over 100 folds more devices** than what 4G ever did.

5G, is also a first attempt by the standards body i.e 3GPP to expand its horizon beyond telecom domain & draft specifications to address emerging industry segments that include but not restricted to V2X communications, Smart Devices, Mining, Virtual reality & Connected Cars to name a few.

Does this mean, 5G is a whole new innovation or is it, 4G on Steroids...?

Join this quick seminar to understand what 5G is, its applications, uses & what powers 5G. The seminar, aims to give you an in-depth, yet sufficient information on aspects like:-

5G Architecture, Co-existence with 4G, Dual Connection Options, 5G's answer to LORA, SIGFOX & an in-depth understanding of the upcoming 5G Core & its nodes.

Topics to be covered | Why 5G.? | 5G Networks, Services & Goals | 5G NG-RAN Architecture | 5G Fronthaul, Midhaul, Backhaul and Core | Massive Multi-User MIMO | Beam Forming | 5G-Core Architecture & standards | CUPS | NB-IoT/CAT-M | Service based Architecture | RESTful APIs | HTTP 2.0 & QUIC | 4G to 5G Migration & Deployment Options | vEPC | Network Slicing | NFV, as a driving force for 5G | eCPRI Challenges.

Date : Tuesday 25 June, 2019
Time : 09.00 - 16.00

**Venue: Swissotel Bangkok Ratchada
At Kritsana & Rachavadee room 2 Fl.**

Demo Booths:

EXFO

- Fiber Inspection
- Intelligent Optical Link Mapper
- Intelligent Pluggable Optics test
- Ethernet Testing iSAM, RFC 2544, Y.1564, RFC 6349.

Spirent

- Dual Connectivity - Option3, 3a & 3x
- Handovers & 5G
- eMBB Demonstration
- 5G Core, 5G Client Emulations
- Network Slicing

Sumitomo

- Fusion Splicer T400, Z2C, T82.



Agenda

Time	Topic
09:00 – 09:30	Registration & Booth Tour
09:30 – 09:40	Welcome Speech
09:40 – 10:30	EXFO – Evolution to 5G and RAN
10:30 – 11:00	Tea Break & Booth Tour
11:00 – 12:00	EXFO – Front/Mid/Back Haul and Core Test Requirements
12:00 – 13:00	Lunch & Booth Tour
13:00 – 13:30	Spirent – 5G Technology Challenges & Trends
14:00 – 14:30	Spirent – 5G NR (New Radio) Solutions
14:00 – 14:30	Tea Break & Booth Tour
14:30 – 15:00	Spirent – Network Function Virtualization for 5G
15:00 – 15:30	Spirent – eCPRI challenges for latency in 5G networks
15:30 – 16:00	Spirent – Native 5G Core
16:00 – 16:10	Q & A



EXFO Speaker Profile's Session Morning;

Joseph Tan : Wireline Application Engineer

Joseph has been working in the Telecoms sector for nearly 17 years. He has a rich hands-on experience in the setup, turn-up and maintenance of end-to-end real-life mobile backhaul networks. Joseph has been responsible in both the MSC Gateway, International Gateway and the transmission network for MobileOne Ltd.

Later, he joined ST Electronic to manage the entire transmission network and to train clients and staff on that system. Joseph thereafter expanded his experience to cover the range of Transport, Datacom, RF and DWDM technologies. Joseph graduated from Coventry University with a First Class Honor Degree in Computer Networking and Communication Technology.

Spirent Speaker Profile's Session Afternoon;

Kishore Kumar : Product Marketing Manager/Technical Development Manager

“Representing a leading testing & measurement company in Spirent Communications, Kishore has been promoting testing solutions which cater towards building a more secure & scalable mobile networks. He has been involved in Conformance, Performance & Interoperability testing of multivendor mobile core network devices. From a company who provide solutions to all manufacturers & Service Providers, he is thoroughly equipped with the challenges that spring to life when moved from lab networks to live networks. Academically, an Electronics Engineer, has been in networking & security for over a decade before shifting his focus to mobile core, especially 4G & 5G for the last 7 years. A security evangelist & a holder of major certifications including CISSP & CEH, is trying to catch the hide tide in 5G Networks, making it extremely scalable, highly secure & BIG.”

Keshava Raju : Technical Marketing Engineer

“A technology influencer & seasoned business professional with 16 years of experience. Strong hands on experience & business development experience in architecting & implementing NFV, Software Defined Infrastructure solutions & application security for Telcos. Working at Spirent Communications to address customer's NFV & Enterprise Cloud Design and Implementation challenges by leveraging the Spirent's Cloud & Virtualization solutions.”

Deepak Sharma : Technical Development Manager

“Deepak Sharma has more than 10 years of extensive experience in wireless communication systems. He is also been working with the leading telco's across SEA-ANZ & has been involved in Carrier acceptance, Conformance, Performance & Interoperability testing of multivendor Mobile devices, Chipsets & NEM's. His area of expertise includes -5G NR, Massive MIMO, LTE, WCDMA, GSM & CDMA & Location technologies -LTE Positioning Protocol, Secured User Plane location, OTDOA, ECID, Hybrid Positioning, WiFi Positioning. Before Spirent, Deepak has worked with service providers for Wi-Max/LTE RF planning & execution. He also holds engineering degree in Electronics & Communication.”

Peter Whitten : Sales Development Manager

“Peter represents Calnex Solutions, a leading test and measurement company. Calnex are experts in the fields of network timing and synchronisation and WAN emulation solutions. They have over ten year's history working with the world's largest Operators, NEMs and Chipset companies. Peter heads up strategic business development for the Cloud and IT business unit with worldwide responsibility for the company's portfolio of IP impairment test equipment.”



ใบตอบรับการเข้าร่วมงาน

“5G IS THE FUTURE”

วันอังคารที่ 25 มิถุนายน 2562 เวลา 09.00 – 16.00 น.

At Kritsana & Rachavadee room, 2 Floor Swissotel Bangkok Ratchada Hotel

- ชื่อ-นามสกุล _____
- ตำแหน่ง/แผนก _____
- บริษัท/หน่วยงาน _____
- โทรศัพท์ _____ โทรสาร _____
- E-mail address _____

วิธีการสำรองที่นั่ง (สำรองที่นั่งด่วน มีจำนวนจำกัด)

1 ส่งใบตอบรับ กลับที่ แฟกซ์หมายเลข 02-645-4589

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