



TIMMINS

5G Technology Program

# Case Study

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Raising awareness on 4.5 and 5G technology among senior engineers and C-suite executives of leading telecom companies in Indonesia, Malaysia, and Singapore.

**CASE STUDY**  
**5G EDUCATION FOR TELECOM SECTOR**

Create a 5G strategy **5G** Educate People on 5G  
5G Systems & Security

## About Timmins

Timmins is a premier enterprise that creates world-class training, staffing, and consulting solutions in niche technology. Since our launch in 2015, we have been trusted by top brands across the US, UK, Canada, France, Singapore, Israel, India, Malaysia, Indonesia, China, and Thailand.

Timmins helps bridge the gap between industry & academia.

We specialize in Memory Technology, Video Codecs, Telecommunications, Artificial Intelligence, Embedded Linux Programming, Embedded Android Programming, Programming Languages, and other new and next-generation technology domains. All our programs are developed and delivered by subject matter experts.

## Overview

### —○ Telecommunications Training

With the world on the cusp of embracing 5G technology, telecommunications will soon drive how we live, work, and even interact with each other and our surroundings. The increasing number of smartphone users and the much-anticipated migration of cellular devices to 5G-enabled smartphones has already begun triggering demand for high bandwidth connectivity, improved voice services, and other value-added services.

Moreover, businesses across the globe are now gearing up to meet this change with increased spending on the latest wireless communication infrastructures. Conducted over three years through 2019, we designed this 5G awareness program to equip senior management teams of network operators in Indonesia, Malaysia, and Singapore to launch 4/4.5G and 5G networks, with a focus on network redeployment in New Radio (NR), new towers, and backhaul fiber optics.

**Program Participants:** Hardware and Software Teams, Architects, Senior Managers, and Product Owners.



“Timmins is a niche technology partner committed to supporting businesses with customized training, consulting, and staffing solutions that have real-world value.”

– Raj Rajaratnam,  
Timmins Founder & CEO



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[www.timmins-consulting.com](http://www.timmins-consulting.com)



[info@timmins-consulting.com](mailto:info@timmins-consulting.com)



+1 647 361 8048

## Our Intervention

—○ This 5G technology program was created to raise awareness on 4.5G and 5G technology. We conducted training sessions by industry experts (including a CTO of a leading multinational smart devices company) on the following topics:

- 5G for Non-technical Audience
- LTE-Advanced Pro to 5G Evolution
- 5G Fundamentals
- 5G New Radio (NR)
- 5G – Spectrum Management
- 5G RAN and Core
- Internet of Things (IoT), Smart-Cities and M2M (Machine to Machine)
- Network Function Virtualization (NFV) and Software Defined Networking (SDN)



## Methodology

We design all our programs keeping in mind the learning requirements of working professionals in the highly demanding niche technology industry. Our engaging and proven methodology ensures that your team gets the maximum benefit of your program of choice as quickly as possible.

We conducted this 5G awareness program using the following methodology:

- In-class training
- Hands-on demos

## Results

We successfully trained the senior management and engineers of major telecom operators in Malaysia, Indonesia, and Singapore in 4.5G and 5G technology. This led to training requests by several other clients in the region.



Our engaging and unique methodology offers a blend of both practical and theoretical learning.