



Very interesting, sure sparked my interest on 5G.



Watch our course intro video.



5G Fixed Mobile Convergence

Course Description

This course sets out to introduce and explain how 5G core networks are able to support connectivity from wireline access networks based upon broadband or cable technology. As such, the new network architecture is explained in terms of the functions, reference points and protocols before moving on to describe the key network procedures and how these differ from standard 5G operation; Registration, PDU Session Establishment and Service Request. Finally, IPTV is explored in terms of service delivery over a 5G wireline access network.

Prerequisites: 5G System Engineering

1/2 day
(LiveOnsite,
LiveOnline)

3 hours
learning
(OnlineAnytime)

3

CPD Learning
Credits



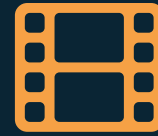
Level: 2
(Intermediate)

This course will contain the following sections:

1. 5G Fixed Mobile Convergence

Topic areas covered include:

- Convergence Options:
 - Introduction.
 - 5G Fixed Wireline Access.
 - 5G Fixed Wireless Access.
 - 5G / Wi-Fi.
 - UE behind 5G-RG.
 - Network Architecture:
 - 5G Residential Gateway.
 - Fixed Network Residential Gateway.
 - Wireline – Access Gateway Function.
 - Non 3GPP Interworking Function.
 - Trusted Network Gateway Function.
 - 5G-RG Wireline Access Registration:
 - Network Procedure.
 - FN-RG Wireline Access Registration:
 - Network Procedure.
 - Session Management and QoS:
 - The QoS Model.
 - QoS Flow Parameters.
 - 5G-RG PDU Session Establishment:
 - Network Procedure.
- FN-RG PDU Session Establishment:
- Network Procedure.
- Network Operation:
 - Connection Management.
 - 5G-RG Service Request.
 - Delivering IPTV.



**Watch a Sample
Video Online**

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3

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Credits**



**LiveOnsite, LiveOnline,
OnlineAnytime**



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- Bespoke content and courseware development
- Product specific training packages, including product updates
- Dedicated trainers to understand your products and training requirements
- Managed training delivery services – administrative aspects including scheduling and liaison
- Customizable learning management system
- Traditional classroom, virtual classroom or video based online learning options

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