

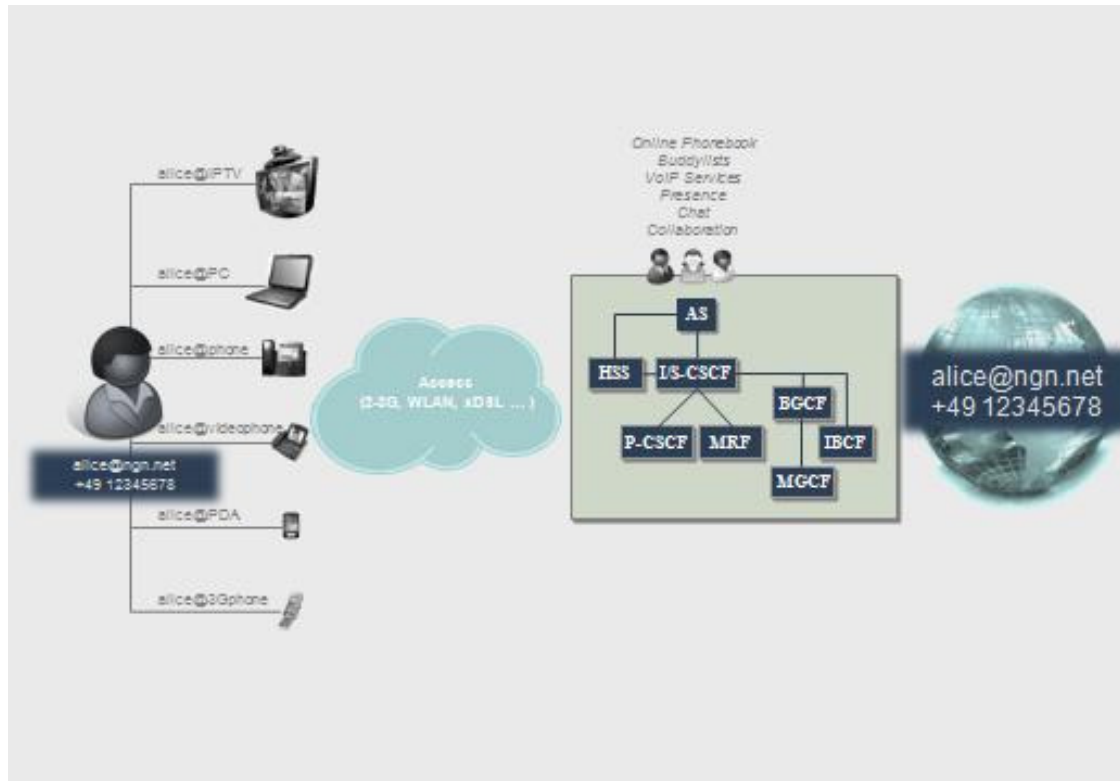
# IMS & NGN Overview

A **Manager's** compact System Overview with a Business Perspective

1 Day

## Business Value

You will get a well-rounded overview of IMS and NGN two closely related, and often confused, systems. Their extensive functional modularity supports a number of business strategies. This course will help you understand this complex business landscape by succinct and easy to understand explanations of the technologies and protocols comprising the two concepts



## Who should attend

Ideal for project managers, operational development managers, service delivery managers, account managers and anyone interested in a smart and compact overview of IMS & NGN.

## Presentation

This course is designed to accommodate a lot of discussion. The most important technical information will be given in an easy to understand way. A powerpoint presentation will accompany us to help illustrate all the topics. All slides will be provided in handouts and after the course in electronic form upon request.

## Content Summary

IMS was initially developed within the mobile industry as a SIP-based Service Architecture on top of GPRS bearers. Soon after, the concept was embraced by non-mobile providers and it has expanded to include any IP-access systems, be it WLAN, xDSL, or Cable. In addition, with the involvement of the ITU and ETSI in the development of Next Generation Networks, IMS has become a central component of wireline networks as they transition to all-IP Softswitching architectures. This complexity will be explained in the following modules:

### 1. IMS & NGN in Context

Value propositions for users and operators, standards, equipment, and general business strategies

### 2. The SIP Protocol (Reality and Myths)

What's all the buzz with SIP? What can it realistically do and what it will not do. How does it stand against the "Skypes" of this world that offer similar functionality? Is there added-value for operators?

### 3. IMS & NGN Functional View

What are the core functions of these new platforms (functional components, databases, signalling procedures etc.). Registration, Locating, Routing, Policy and QoS etc.

### 4. Application & Services

IMS and NGN architectures are meant to lower CAPEX/OPEX in the longer term, but investment doesn't make much sense without a number of compelling new services. See what applications and services are "hot" at this point and how this infrastructure supports them.

### 5. Next Generation Network Business Landscape

These two concepts lie at the heart of a huge business transformation for communication networks impacting both providers and equipment vendors. Find out how transport networks and service architectures are evolving and what new business models are required.

## Course Adaptation

This course can be adapted to better meet your requirements and focus. Just let us know what topics you would like to add, or expand.

## Contact

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