

FOCUS ARTICLE - Self Organizing Networks

While SON started out as a very specific acronym (our first experience of SON was in the Wireless LAN space), it has now grown to be very broad term. The term self organizing now covers multiple aspects related to needs of configuration/ optimization/ recovery/ healing etc. SON promises to provide a solution for multitude of big-concern items such as: coverage and capacity optimization, interference reduction, automatic neighbor relation, mobility optimization, load balancing etc

[Click here](#)**Network Function Virtualization- Initial Challenges**

Network Function Virtualization (NFV) is being keenly followed by the telecom industry and proof of concept implementations are already in process. NFV is an engineering approach of building telecom systems (Network Entities or Network Functions) by making effective use of commodity compute/storage/network resources while reducing (or removing) dependency on specialized platforms. In the present scenarios, where new applications are difficult to conceptualize and more focus is maximizing the revenue from already deployed resources, NFV based solution has high potential to make a difference.

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Analytics is about finding meaningful patterns in data. Real-time analytics is about building patterns by analyzing events as they occur. Traditional analytics is based on offline analysis of

historical data, whereas real-time analytics involves comparing current events with historical patterns in real time, to detect problems or opportunities.

[Read More](#)**Positioning techniques for mobile devices in LTE**

Positioning is the process of determining the geographical location of a device such as a mobile phone, laptop or tablet computer, a personal digital assistant (PDA), or navigation or tracking equipment.

Positioning technologies are

gaining importance every day in mobile systems, demanding enhancements on accuracy, availability, and reliability.

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info@hsc.comhsc.com**HSC's Big Data Technology Demo**

HSC is demonstrating its software skills in implementation of Big Data solutions

leveraging carrier grade frameworks, which can be applied to multiple use cases in the area of monitoring and management of devices, service assurance, and monetization of data

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The Co-Existence of Multi-RATs: A Look At How Radio Access Technology Keeps Us Connected. Radio access technology has changed the way we go about our business, both at work and at play.

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