



Waterford Institute of Technology  
INSTITIÚD TEICNEOLAÍOCHTA PHOIRT LÁRGE

# TECHNOLOGY OFFERING

## Infrastructure Context Enabler

### Overview

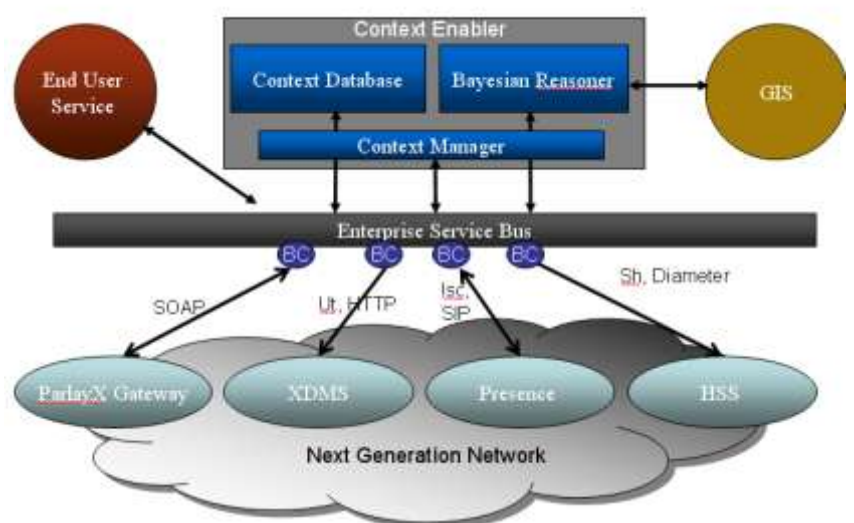
The Context Enabler is a telecommunications infrastructure component which collects data and information from a Next Generation Network, creates a coherent interpretation of the aggregated information known as 'context', and makes this available to applications, services and developers via a well defined standard web service interface. Context essentially means information that is known about a user including location, orientation, presence, profile, preferences, equipment capabilities and any other information that can be used to enhance the users experience through awareness of the user and their needs.

### Value Proposition

The context enabler can help a telecommunications operator make additional use of their NGN infrastructure through using it as a source of information about what their subscribers are doing. This can be used for the purposes of delivering context aware value added services, or for profiling the subscribers in order to better fulfil their needs and market new services to them.

### Technology Description

The Context Enabler would typically be deployed by an NGN telecommunications operator where that operator wants to facilitate the development of sophisticated end user services, either internally within their organisation, or to external developers. The Context Enabler implements a Publish/Subscribe interface. This allows a party that subscribes based on this identifier to receive information, events and inferences about the specific user.





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### Additional Information

Funding reference EI **IN20060202**

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