

**Submission to the ITU-BDT Regional Seminar for the African Region on Fixed Mobile Convergence and Guidelines on the Smooth Transition of Existing Mobile Networks to IMT-2000 for Developing Countries**

**Topic Area:** TBD

**Title:** 3G C D M A (Creating Digital Multimedia Applications) Around the World: Improving the Global Community through IMT-2000 Technologies and Applications: Connectivity, Healthcare, Public Safety and Education.

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**Abstract:**

Wireless technologies, specifically those developed for Third Generation “3G” personal communications are providing new avenues to address issues of public importance such as data and voice connectivity, healthcare, education and public safety. The presentation will focus on 3G applications and services and how their implementation in developing countries have the potential to simulate greater integration into the information society as well as deliver several social and economic benefits to citizens worldwide.

The first part of the presentation will cover the issue of connectivity, specifically how 3G CDMA technologies foster various levels of global connectivity – from basic fixed voice services to fully mobile wireless broadband access at varying speeds up to 2.4 Mbps. The second section will focus on how wireless technology plays an instrumental role in enhancing public safety by connecting local, state and federal agencies and by facilitating emergency services in daily life and in times of disaster. Lastly, the presentation will discuss how 3G CDMA technologies are being used to deliver healthcare services, and also how the public and private sector are working together to develop various applications and services to improve the healthcare industry.