

# The Impact of Advanced Telecommunication Technologies (ICTS) on Transport and the Built Environment

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**Abstract:** *There is an obvious need to look into how developments in information and telecommunications technologies (ICT) may affect transportation and the character of cities given how these technologies are changing how people live and work. Researchers need to comprehend and articulate how ICTs are changing the urban environments in which people live and work. The adoption of new telecommunications systems is advancing more quickly and becoming more pervasive in society with each passing decade. The need to be somewhere certain at a certain time will become less and less of a necessity as time goes on, and even the transmission of place itself will start to be feasible. The purpose of this article is to provide an overview of how developments in ICT and related technologies may affect cities in general and transportation in particular. The article examines a few ICT application areas and connects them to trends and realities in South Africa. The findings of the study could be applied to future planning and policy-making in the South African setting. Given the absence of recent and pertinent local knowledge on the subject, several areas for additional investigation are also proposed. Living online will involve decreasing amounts of dependence.*

**Keywords:** ICT

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