FINAL DRAFT

INTERNATIONAL STANDARD

ISO/FDIS 37169

Smart community infrastructures — Smart transportation by run-through train/bus operation in/between cities

Contents

Introduction

Many cities are improving their transportation systems to provide greater accessibility, mobility and environmental benefits and to promote sustainable economic growth in their communities. Cities currently operating older transit systems, which require many transfers in multiple city centres and transportation hubs, are developing new rail and bus lines that offer more direct, frequent services with a one-seat ride. These services reduce the number of transfers within a city centre and outlying metropolitan areas. They offer through train or bus services in high quality transit corridors, defined as smart transportation.

This document describes how to organize run-through train or bus corridors using smart transportation in city centres, greater metropolitan areas and regions. This concept includes reprioritizing operations, management, organizational plans and agreements between multiple carriers so that new transit services can be provided while still maintaining the current rail and bus infrastructure and existing transit service within local communities and city centres.