

vate sector. The home network service is projected to create KRW 110 trillion in production-inducing effects and KRW 73 trillion in value-added effects to the Korean economy by 2010. This service is likely to transform our homes into a pleasant and convenient place with an enriching digital life style.

IV. Telematics Service

The Korean government supports the telematics industry by systematizing the collection and supply of raw data and information, as well as encouraging commercialization of technology.

Telematics is an in-vehicle multimedia service that offers “info-tainment” as well as traffic and emergency rescue operation information via location-based and mobile communications networks. It is a value added service and a novel concept that turns a vehicle into a third Internet space based on fixed and wireless telecommunications and broadcasting networks. Promoting telematics service will strengthen the competitiveness of relevant industries and create KRW 5.9 trillion in production-inducing effects and KRW 5.3 trillion in value added effects to the Korean economy. The government will systemize the collection and supply of key information such as traffic, road-maps, and tourist information. It will also lower terminal prices and usage rates. The telematics pilot service on Jeju Island is providing some five million visitors from home and abroad with an opportunity to experience this service. Using this program, the government is paving the way to expand this service while pushing other pilot projects to use new commercial-level technologies.

V. RFID-based Service

Radio Frequency Identification (RFID) is a sensor technology that uses an electronic tag that contains information on a product. It also gathers information on its surrounding environment. The technology is expected to be used extensively in our daily lives from management of food, livestock, wastes and environment to logistics, distribution and security services. The government will set out technical requirements, develop mobile RFIDs, and complete the development of core technologies such as RFID chips by 2007 to facilitate services in various sectors such as telematics and the home network.

The government is also promoting application services by offering detailed