

IT



ETRI
juwan@etri.re.kr



- 1.
- 2.
- 3.
- 4.

1.

(Telematics) (Telecommunication) (Informatics)

, , ,

‘ , , (Infotainment)

가 ,

가 3 (Connected Car)

• ,

가 ((

1)).

가

가

가

가

가

* ETRI (042-860-5885)

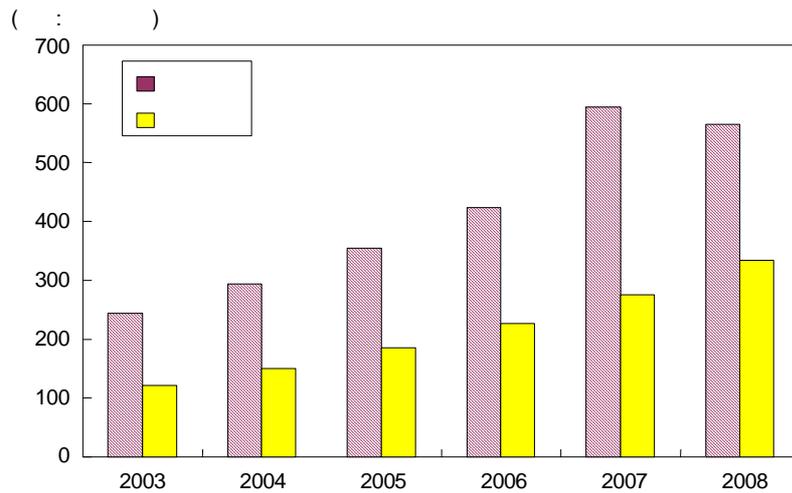


(1)

2.

가.

286 (2001, Gartner Group) 2007 87 (2003, Allied BusinessIntelligence) ((2)). 2002



< >: Fleet Management System, Allied Business Intelligence, 2003

(2)

1144 2004. 5. 6.

4% 200 2010 2,100 (35%) , 2010 58%(1,000), 35%(630), 40%(280) (2003, Telematics Research Group).

2000 GM Ford 가 2003 가 가 . 2007 500 , 2015 50% , 2025 1990 VICs(Vehicle Informaion & Communication System) , 2005 20

, 2006 가 . 2003 13 15 가 , 2005 가 가 (2003, Telematics Research Group). 가 가 , 2006 가 (2003, Telematics Research Group).

After Market Before Market , . 2002 SK , SKT 가 After Market NATE Drive , KTF 가 , KTF K-Ways After Market , Before Market 가 LGT 가 . 가

< 1 >

(:)

	2004	2005	2006	2007	CAGR
	2.2~3.2	3.5~6.5	5.2~10.5	6.9~18.6	46.4~79.8%
	1.3~1.4	1.7~3.8	2.5~6.2	3.6~11.1	40.4~89.4%
	3.5~4.6	5.2~10.3	7.7~16.7	10.5~29.7	44.2~86.2%

< >: (2002) ETRI

, 2004

HPI(Highspeed Portable Internet)

DMB(Digital Multimedia Broadcasting)

가 가

86.2% 2007

29.7 (< 1 >).

3.

가.

AMI-C(Automotive Multimedia Interface Collaboration), 3GT(3rd Generation

Telematics)

AMI-C

3GT

ITS

VICS

Smart Cruise

After Market

Embedded Linux

Before Market

ETRI

, IBM

1144 2004. 5. 6.

가 , ,

가 .

가 BCN, DMB, , SoC, S/W

, Vehicle Commerce ((3)).

. 1990 , ITS

, FCC 1999 e-911

, , 가 ERTICO(European Telematics
Implementation Coordination Organization) 1980 R&D

, 2001 3

1994 , , , VERTIS(Vehicle, Road
& Traffic Information System) ITS

NTT DoCoMo

ITS

, 가 (NIS)

9

, , POI,

(, DMB,

DSRC,)

S/W • , (RTC) ,

4.

, IT 가

, 5 가 .

, 가

가

2004	2007	7	3,530
, 1	1,030	가가	3
, 2007	5		가

R&D 가

R&D 가 ,

가

가

2

, 가

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- [5] , : 2002-2005, 2002. 2.