

Telematics Standardization Trends and Issues

& RFID/USN

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3

IT

IT839

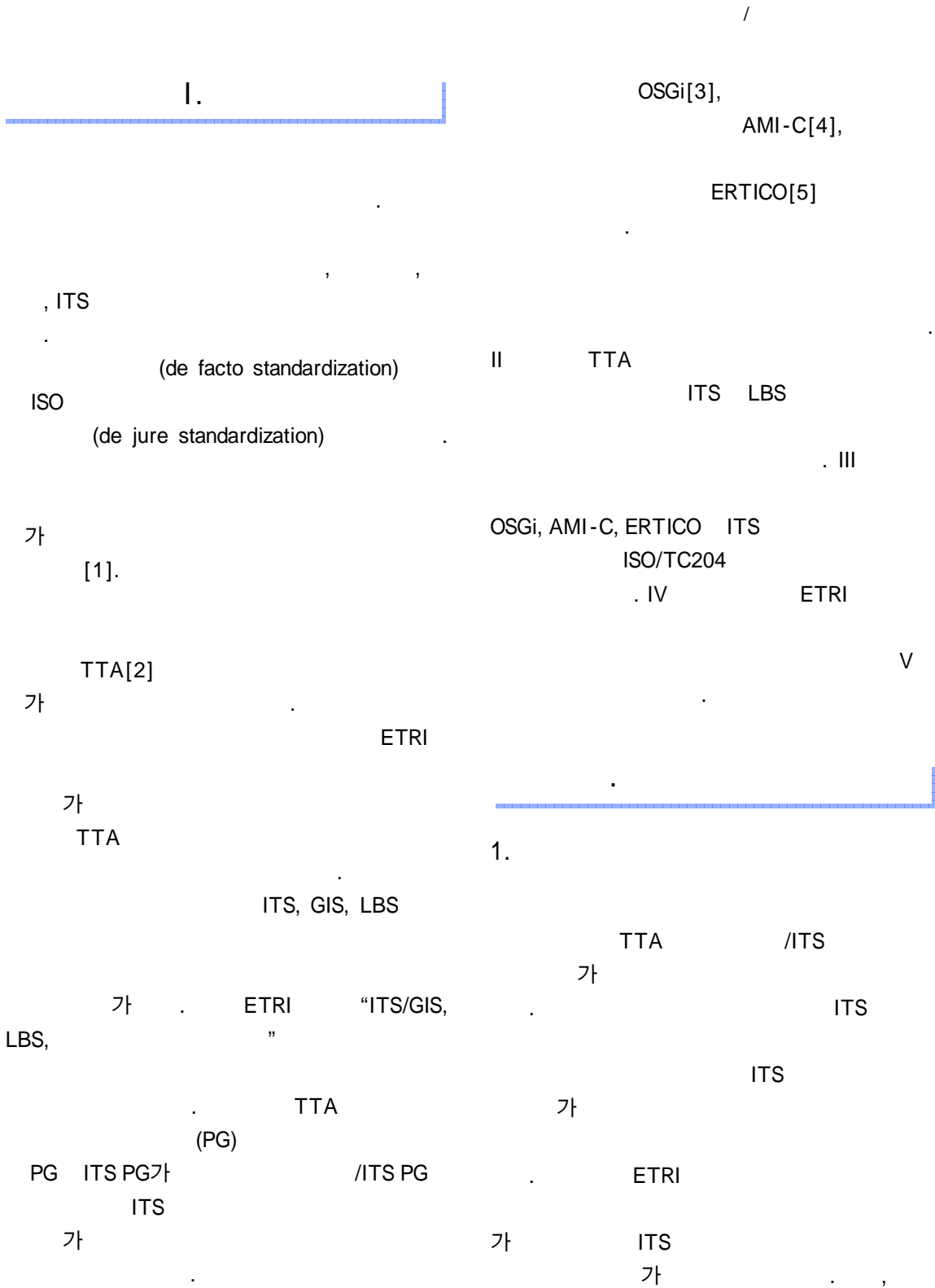
가

가

. ETRI, TTA,

OSGi, AMI-C, ERTICO

가





ETRI,
가

2. 가 : TTA

2004 , TTA PG310
IT839

(KOTBA)

IPR

[6]

ETRI , TSP
CP

TTA

가

ETRI

가

ITS, GIS, LBS

가

. 2004

, 가 ITS

가 , TTA ITS PG

가 , 2005

TTA

. ETRI

/ITS PG

PG가

. < 1>

TTA

/ITS

PG

[2].

TTA

/ITS PG

< 1>

< 1>

/ITS PG

No	/	/
1		
2	Stage1:	
3	Stage1:	
4	(BIS)	
5		
6		
7		
8	ITS	ITS
9	5.8GHz ()	
10	ITS	
11		

20 가

-TSP < 2>

PG ITS [6].

ETRI, LG

ITS I/F

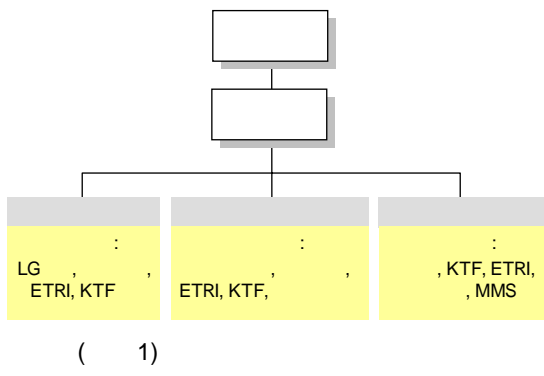
3. KTF, -TSP

KOTBA()

ETRI,

2004

(1)



4. ITS, LBS

seamless 가

< 2>

	Stage1:	TTA
	-TSP	
	Stage1:	TTA
(POI, map, -), Emergency/Security, Information(, ,), Personalization (/ (, ,), , VRM)	Stage1:	TTA

2000 5 1.0
 2003 3 Release 3가 . OSGi
 , 가 , ,
 , ,
 . OSGi Ex-
 pert Group OSGi
 CPEG, VEG, MEG
 VEG BMW,
 Siemens VDO, IBM, AMI-C
 OSGi
 R4 4
 CPEG OSGi
 VEG MEG
 [3].

3. AMI - C

AMI-C
 Vehicle Communica-
 tion Networks
 . AMI-C
 Fiat, Ford Motor Co., General Motors Corp.,
 Honda, Nissan, Toyota 가
 . AMI-C release
 APIs . 2001 1 Re-
 lease 1 , 2003 Release 2가
 . Release 2
 , Release 3
 [4].

4. ERTICO

ERTICO ITS
 1999 EC ITS
 , . EC , 22 가
 . EC 22 가
 3GT가 . ERTICO
 4 Telematics
 Forum . GST
 GST
 end-to-
 end
 GTP . GTP
 15가
 [5].

5. ISO/TC204

ISO TC204 ITS
 . TC204
 (TICS)
 21
 SAE 16 (WG)
 가 13 가
 WG WG3(TICS Database Tech-
 nology), WG4(AVI/AEI), WG9(Integrated Trans-
 port Information, Management and Control),
 WG10(Traveler and Traffic Information), WG11
 (Route Guidance and Navigation System), WG15
 (DSRC for TICS Applications), WG16(Wide Area
 Communication/Interface and Protocols)가 .

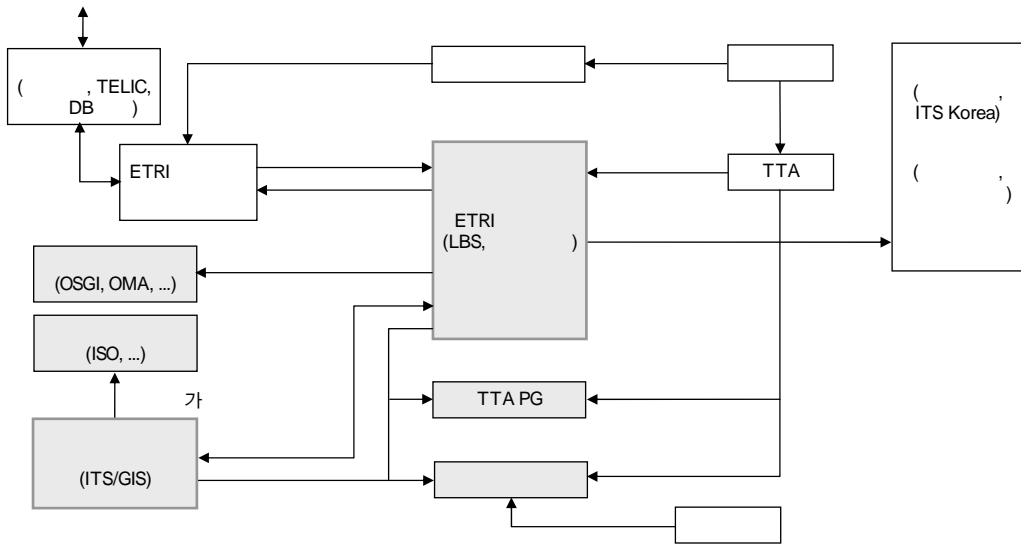


WG15 WG16 가 IT
 , WG OSGi AMI-C
) , ETRI 'ITS/GIS, LBS,
 ' ITS/GIS
 LBS
 ETRI

1. ETRI

, ETRI TTA /ITS PG

2004 ETRI • USN . (2) ETRI
 "ITS/GIS, LBS, "
 가 [7]. [8].
 "ITS/GIS " ETRI ' , , , ,
 ETRI " 9 , ' , ' , ' , ' ,
 " 9 , ' , ' , ' , ' ,
 , (TELIC) ' , '
 ,
 ITS, GIS, LBS , .



(2) ETRI



가

3

가

가

2004

TTA

가

IPR

3GT	3rd Generation Telematics
AMI-C	Automotive Multimedia Interface Collaboration
APIs	Application Programming Interfaces
BIS	Bus Information System
CDMA	Code Division Multiple Access

CPEG	Core Platform Expert Group
DMB	Digital Multimedia Broadcasting
ERTICO	European Road Transport Telematics Implementation Coordination Organization
GIS	Geographic Information System
GST	Global Standard for Telematics
GTP	General Telematics Protocol
IPR	Intellectual Property Right
ISO	International Organization for Standardization
ITS	Intelligent Transportation System
KOTBA	Korea Telematics Business Association
LBS	Location-Based Services
MEG	Mobile Expert Group
OSGi	Open Services Gateway initiative
PG	Project Group
POI	Point Of Interest
SAE	Society of Automotive Engineers
TC	Technical Committee
TELIC	Telematics Information Center
TICS	Traffic Information and Control System
TSP	Telematics Service Provide
TTA	Telecommunications Technology Association
VEG	Vehicle Expert Group
VRM	Vehicle Relationship Management
WiBro	Wireless Broadband Internet

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[3] <http://www.osgi.org>

[4] <http://www.ami-c.org>

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