

[NGN] Customized

SDO

ITU-T(International Telecommunication Union-Telecommunication Standardization Sector)

OMA(The Open Mobile Alliance), 3GPP(The 3rd Generation Partnership Project),
TISPAN(Telecommunications and Internet Converged Services and Protocols for
Advanced Networks) / 가 .
가 ,

SDO(Standard Development Organization,) 가 .
ITU-T NGN (Y.2211, Y.CMR) 가 ,
/ .

(: http://www.tta.or.kr/Home2003/library/weeklyNewsView.jsp?news_id=1874)

, 2007 9 ITU-T
SDO

3GPP - CAT()

3GPP CAT [1] (AT: Alerting Tone) (CAT:
Customized Alerting Tone) .

- (AT): 가

indication , .

- 가

- (,)

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- (CAT): 가 가

. (CAT) ,

, , .

3GPP

(study)

, CAT

, , 가 .

CAT (CAT , ,) CAT (CAT

), CAT , CAT , CAT , , ,

(CAT) .

CS(Circuit Switched) PS(Packet Switched) CAT

, CS-CS, CS-IMS

ETSI TISPAN - COMIP/CTMIP/COMIF/CTMIF(/)

TISPAN ETSI TR 181 015 [2] 가

가 ‘ () () ’ .
(COMIP: Customized Originating Multimedia Information
Presentation) (CTMIP: Customized Terminating
Multimedia Information Presentation)
(COMIF: Customized Originating Multimedia Information Filtering)
(CTMIF: Customized Terminating Multimedia Information Filtering)

- (COMIP): 가
 . , A 가 B , 1)
A 가 가 , A 가 가 B ,
2) B 가 가 , B 가 A 가
B .
- (CTMIP): 가
 . , A 가 B , 1)
A 가 가 A 가 B 가 A
, 2) B 가 가 , B 가 가
A .
- (COMIF): 가
- (CTMIF): 가

, , , , , , , ,
 ,
 , 가 ,
PSTN/ISDN / , IMS
 , PSTN/ISDN OIR(Originating ID
presentation Restriction,) COMIP, CTMIP
 . OIR COMIP 가 , COMIP
(TR) .

OMA CMR()
OMA [3] (CMR: Customized Multimedia Ringing)

CMR BoF(Birds of a Feather) OMA enabler

가 .

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graph LR
    NGN --- 가1[가]
    가1 --- .1[.]
    가1 --- BcN
    BcN --- .2[.]
    BcN --- .3[.]
    ITU-T --- NGN-GSI
    NGN-GSI --- KT
    KT --- 가2[가]
    가2 --- .4[.]
    가2 --- .5[.]
    SDO --- .6[.]
  
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- [2] "Requirements for Customized Originating and Terminating Multimedia Information Presentation(COMIP/CTMIP) and Customized Originating and Terminating Multimedia Information Filtering(COMIF/CTMIF);Requirements Analysis", ETSI TR 181 015 V 2.0.1.
- [3] "OMA - TP - 2007 - 0246 - INP_initiate_Customized_Multimedia_Ringing_BoF"

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