

(NGcN)

2003. 5.

I.

□ 1995 「 」
· 10 IT

0 (1995 ~ 2005) 2005
, 3 (2001 ~ 2005)

0

, 가 · 3
· 가 NGcN

□ , IT · ·
, 가 (Convergence)

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가

□ ,

0 2010 (NGcN)

IT 가
IT 가

II. 가

□

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異種

(QoS)

(MPLS) ·

(IPv4) 2005

(IPv6)

□

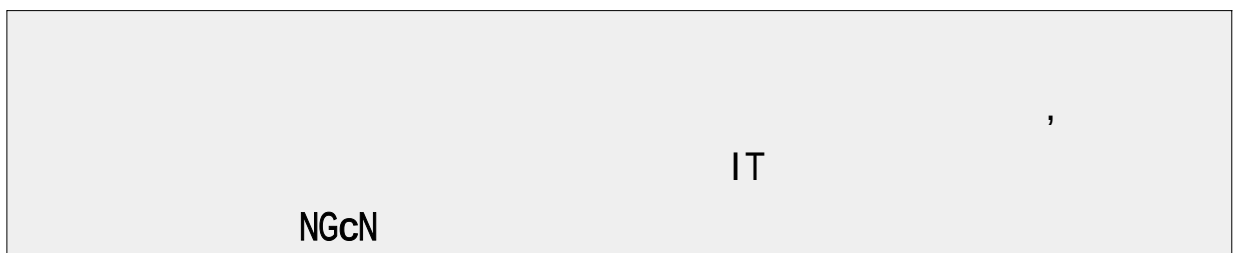
0

50%

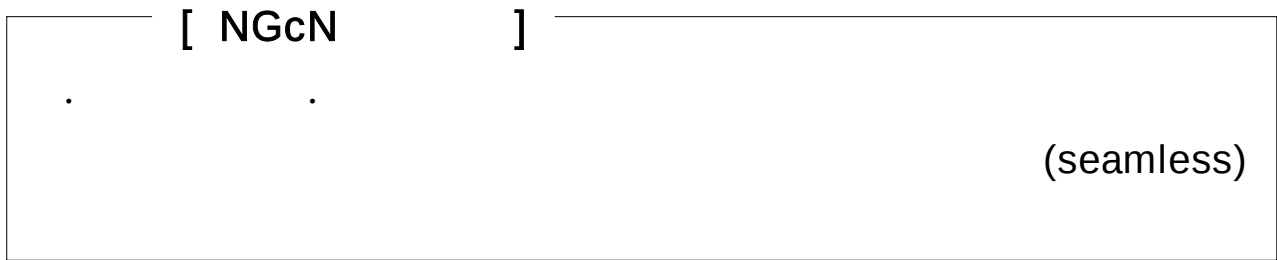
가

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가

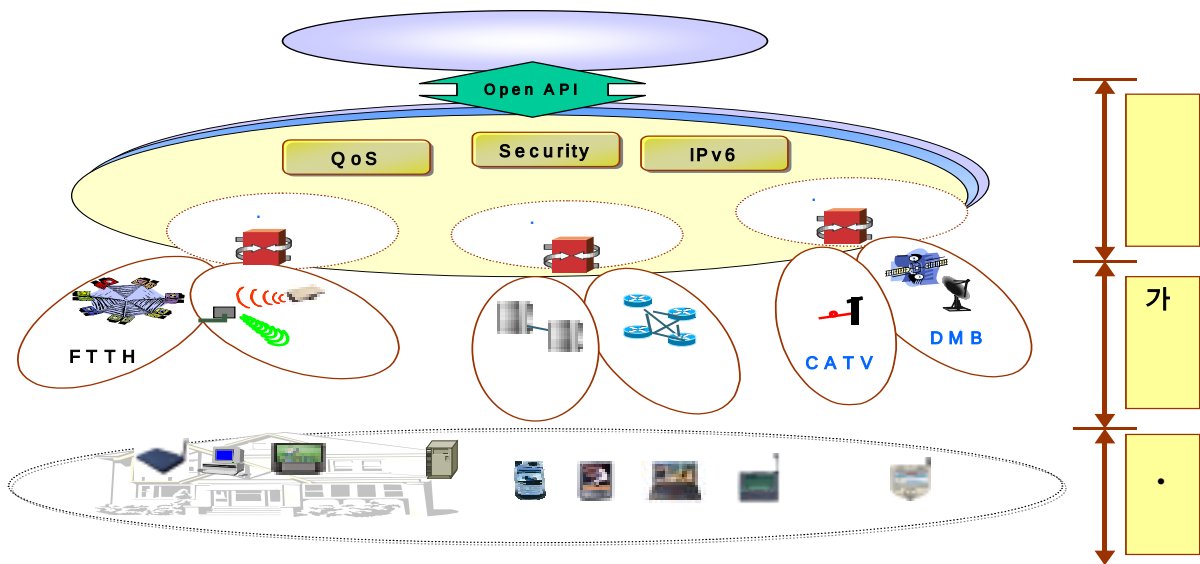
: (80%), · (70%), 가 (30%)
50% (2002.11.)



III. NGcN



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< NGcN >

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0 (QoS), (Security)

0 (IPv6)

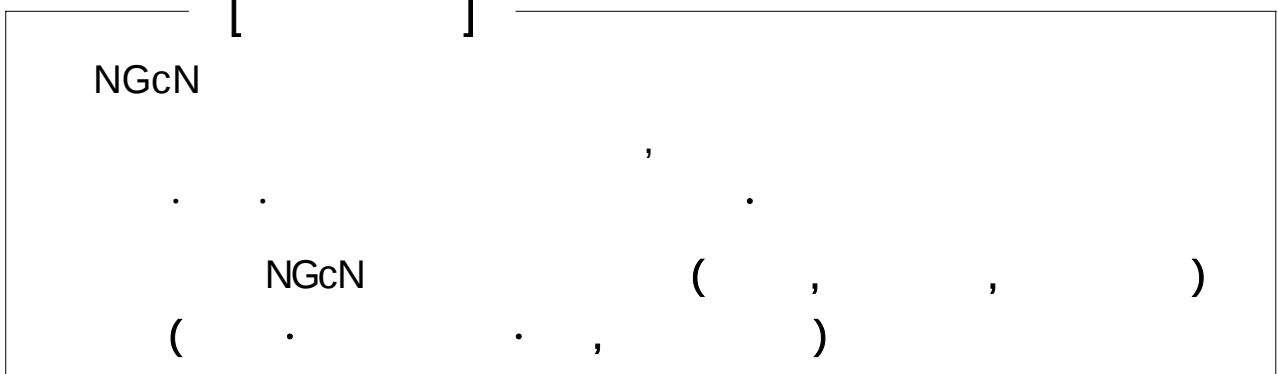
0 (Open API)

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IV. ()

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NGcN

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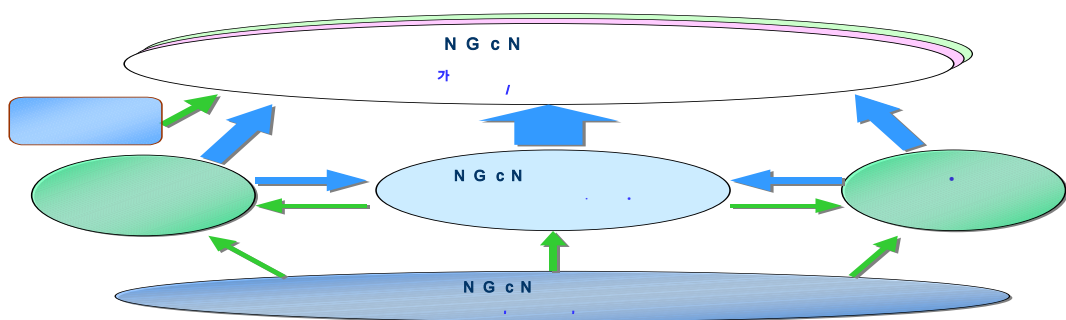
NGcN

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2.

① NGcN

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NGcN

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② NGcN

o NGcN

- ATM MPLS
(QoS)

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(Security)

- NGcN
(Open API)

API : Application Programmable Interface

- 가
(IPv6)

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가

• , • •

o NGcN 가

- xDSL, CATV 가
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xDSL, CATV ,
FTTH
- 3G
LAN
(4G,)
- DCATV, DMB ·

o

·가

- NGcN 가

3 「NGcN (가)」 ·

o NGcN

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- IT R&D ·

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R&D

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IT

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IT

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IT

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5 NGcN

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NGcN 가

(E-gov, M-gov, T-gov)

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o NGcN

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가가

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6

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(Bundling)

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NGcN

V. .

□ 「NGcN」 .

o NGcN . .

가가

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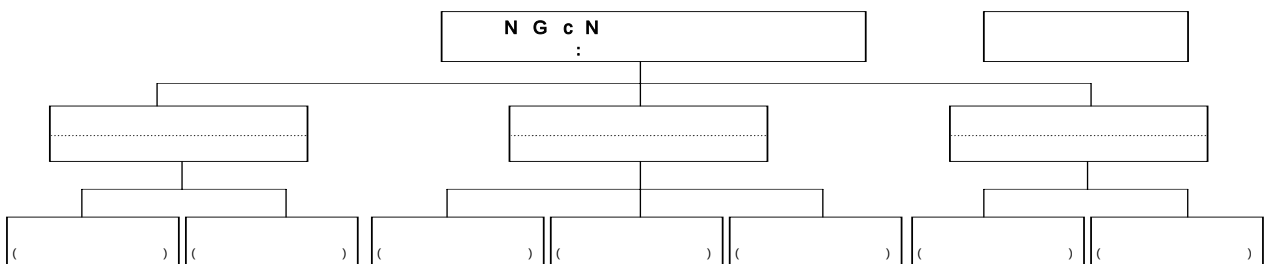
□ 「NGcN」 .

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가 20

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0 0 NGcN 0	· 가	ETRI,
0 NGcN		KISDI
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0 0	·	ETRI,
0 0 0 0	, ·	, ETRI, TTA
0 0	·	KISA
0 0		ETRI, KISDI
0 0	·	ETRI, KISDI

VI.

NGcN
-
NGcN

□ 1 (2003. 5 ~ 2003. 12)

o 2003. 5 : NGcN

o 2003. 7 :
· , ,

o 2003. 9 :
· , ,

o 2003. 10 : NGcN ()

o 2003. 12 : NGcN ·
()

□ 2 (2004 ~ 2005)

o NGcN

o NGcN

□ 3 (2006 ~ 2010)

o NGcN

o NGcN 가

[1] ()

			o NGcN o o NGcN	
			o . o . o .	
		QoS	o MPLS o ATM-MPLS 가 o .	
		Security	o o .	
		Open API	o .	
		IPv6	o IPv6	
	가		o xDSL CATV FTTH o FTTH	
			o 4G	
			o DCATV DMB o .	
	.		o	
			o .가 . o	
			o . o o (R&D)	
	/		o o R&D , o , .	
			o NGcN o .	
			o , 가	