

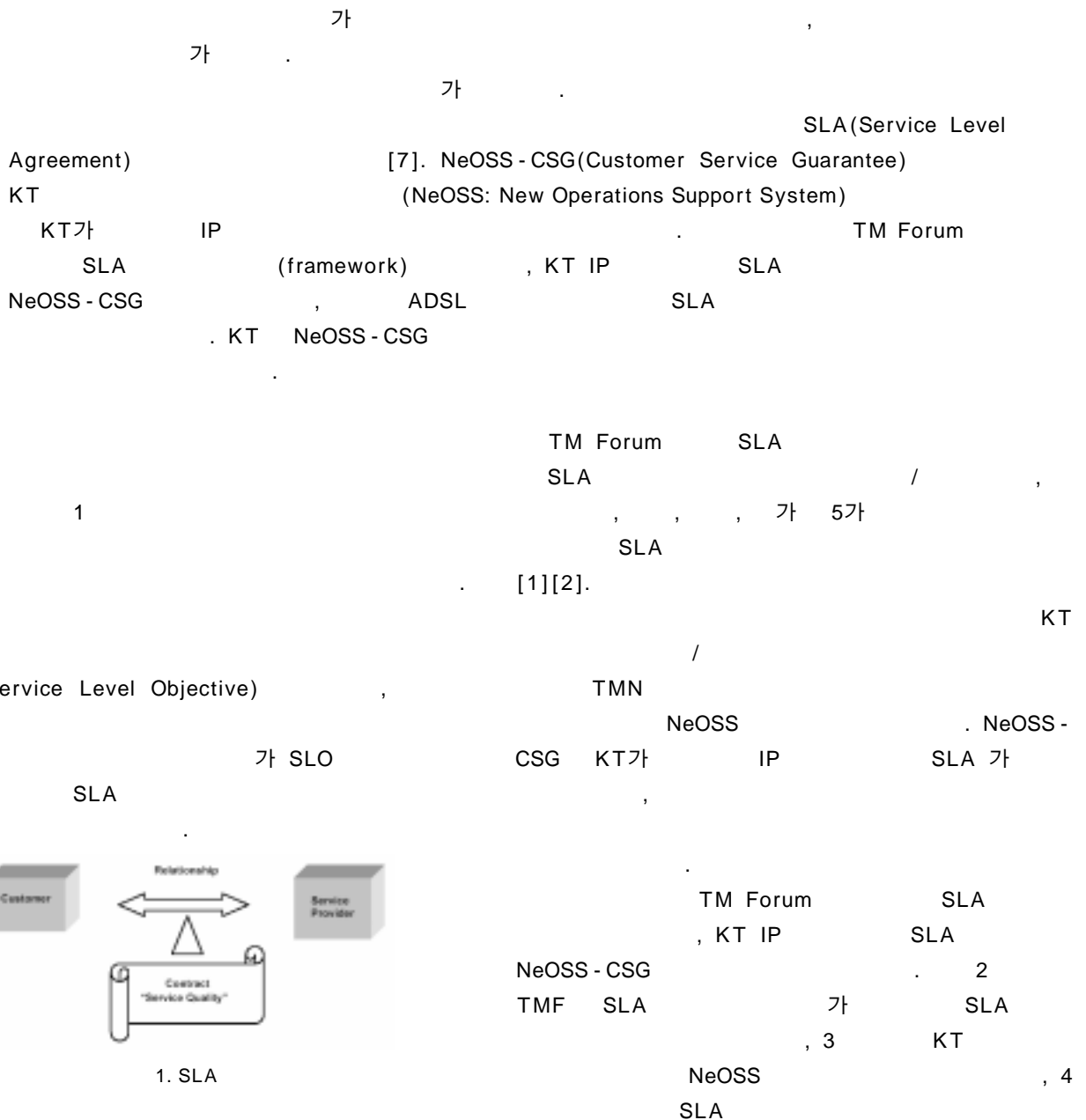
SLA

KT

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A Study on Automated SLA Management System Architecture in Integrated Network Management System

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ADSL

SLA

5

Ticketing)

Provisioning

(ex> email, web

servers and DNS)

raw data

SLA

QoS

, SLA & SLA

2. SLA

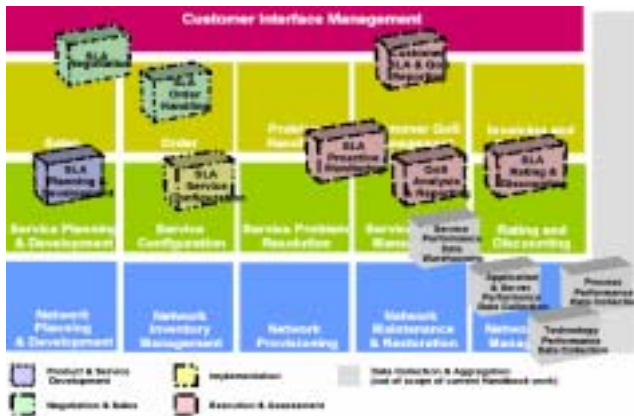
SLA

가 5가

[1]. 2 TOM SLA

SLA

SLA



2. TOM

SLA

/

SLA

가

COS(class of

Service), COS

COS

가

, COS, SLA

(가

가)

가

SLA

SLA

가

3 SLA

3

[1]. NE NMS

, TT(Trouble

NeOSS

NeOSS

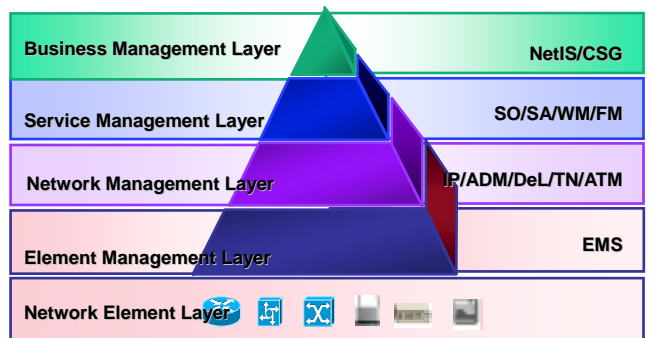
Order - tracking,

Pre - ordering,

One - stop

, SLA

on - line



4. NeOSS

4 TMN Layer

NeOSS

. NetIS (Network Information Support System)

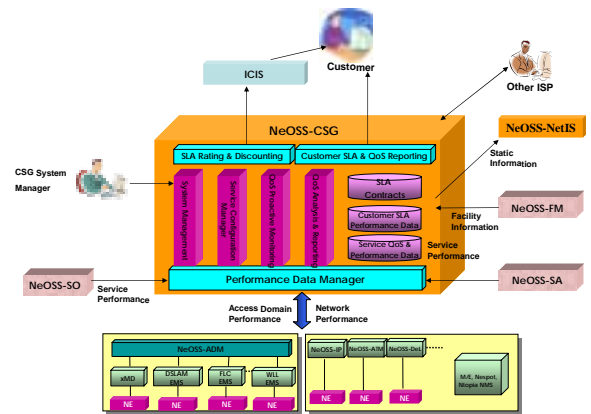
, CSG SLA 가

NetIS CSG BM Layer
 SM Layer FM/SO/SA/WM
 FM(Facility Management)
 SO(Service Ordering)
 SA(Service Assurance)
 workflow QoS
 end - to - end
 WM(Workforce Management)
 COS, SLA
 [4].
 NM Layer /
 NMS ADM(Access Domain Manager) 가
 가 IP KT
 KORNET IP
 DeL TN
 SLA & QoS
 SLA 가 & ICIS
 SLA

4. NeOSS - CSG

4.1

NeOSS - CSG
 NeOSS
 SLA 가
 TMF SLA
 NeOSS - CSG

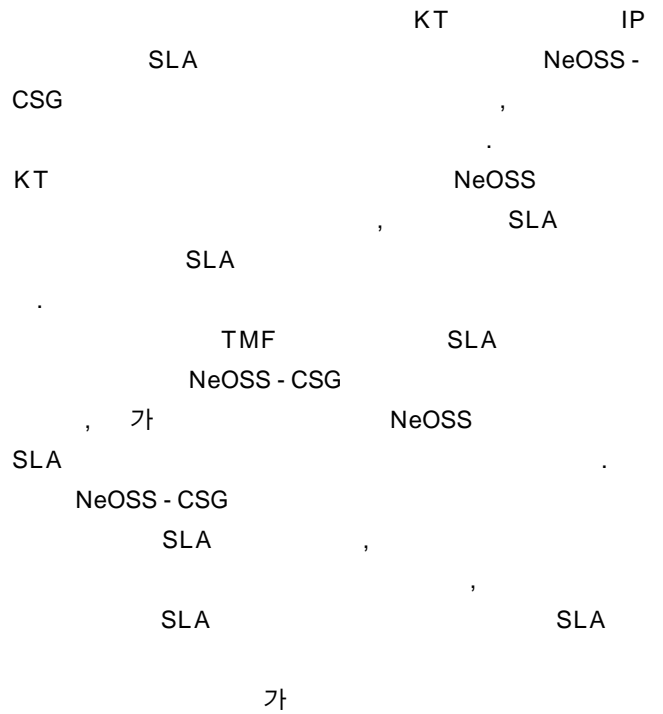


5. NeOSS - CSG

4.2

가
 가
 SLA
 3
 KT가
 가
 SLA
 3가 가
 NMS
 TT,
 CSG
 SLA
 ADSL
 [6].

5.



[5].

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가
 가 , , , , ,
 6 KT 가
 NeOSS - CSG

(.)

NeOSS - SO	ADSL CSG 가 (/ /)	NeOSS - CSG
NeOSS - SA	CSG 가 ()	
NeOSS - NM(ADM)	CSG 가 가 (DSLAM/FLC) 가	
NeOSS - NM(IP)	CSG 가 가 ()	
ICIS	CSG	
FM	CSG 가	
NetIS	CSG 가	
CSG Operator	CSG / CSG 가 /	
CSG customer	가 CSG (, ...)	

6. ADSL NeOSS - CSG
 NeOSS - CSG
 NeOSS - SO 가
 (, , SLA)
 NeOSS - SO
 NeOSS - CSG
 가 , CSG
 , ICIS (Integrated Customer Information System)
 NeOSS - CSG
 NeOSS - NM (NeOSS - ADM 가 , IP)
 TT , .
 2 가
 가 .
 SLA 가 , ,