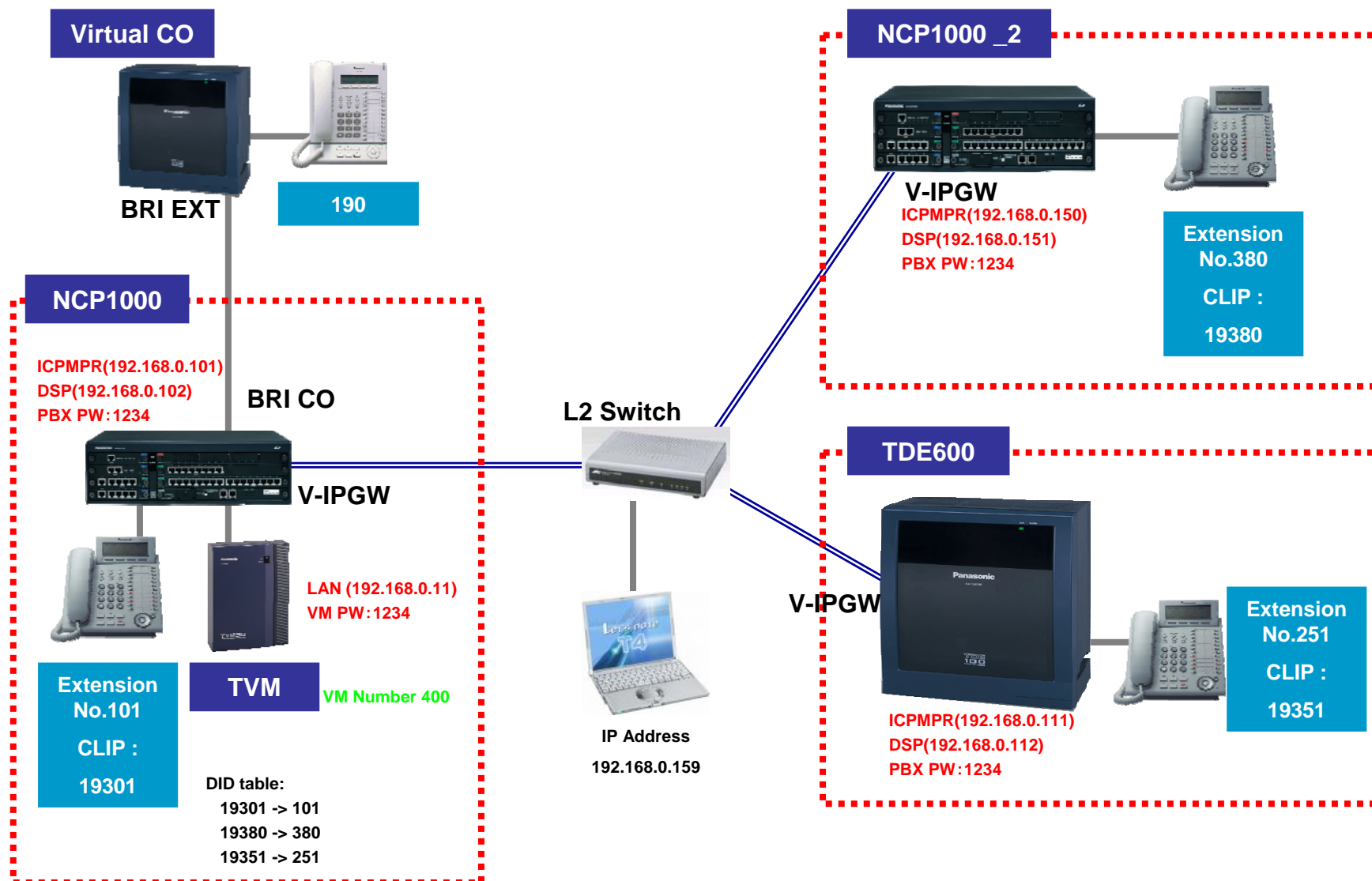


# Networking by Extension Numbering rev2



# How to set up Networking?

# NCP1000 side 1)Assign No of IP Trunk

**NCP1000 - KX-NCP Maintenance Console - [Activation Key]**

File(F) Disconnect(D) Tool(T) Utility(U) View(V) Window(W) Help(H)

System Menu x 1.1 Slot Activation Key

1.Configuration

- 1.Slot
- 2.Portable Station
- 3.Option
- 4.Clock Priority

2.System

3.Group

4.Extension

5.Optional Device

6.Feature

7.TRS

8.ARS

9.Private Network

10.CO & Incoming Call

11.Maintenance

OK(O) Cancel(C) Apply(A)

IPCMPR-ID:2700-010B-F03F-E804

The number of activated IP-GW: 4 / 4  
IP-GW channels can only be set to 32 or less.

The number of activated IP Softphone: 0 / 0

Activated Feature	The number of activated feature by		
	VoIP-DSP Card	Activation Key File in SD Card	Total
IP Trunk (ch)	4	0	4
IP Proprietary Telephone (ch)	8	0	8
IP Proprietary Telephone / IP Softphone (ch)	0	0	0
SIP Extension (ch)	0	0	0
Enhanced Features	0	1	1
CA Basic (user)	5	0	5
CA Pro (user)	0	10	10
CA Supervisor (user)	0	1	1
CA Operator Console (user)	0	1	1
CA Network Feature (user)	0	10	10
CA Thin Client Server	0	0	0
CA Multiplexer (application)	0	0	0
Reserved	0	0	0

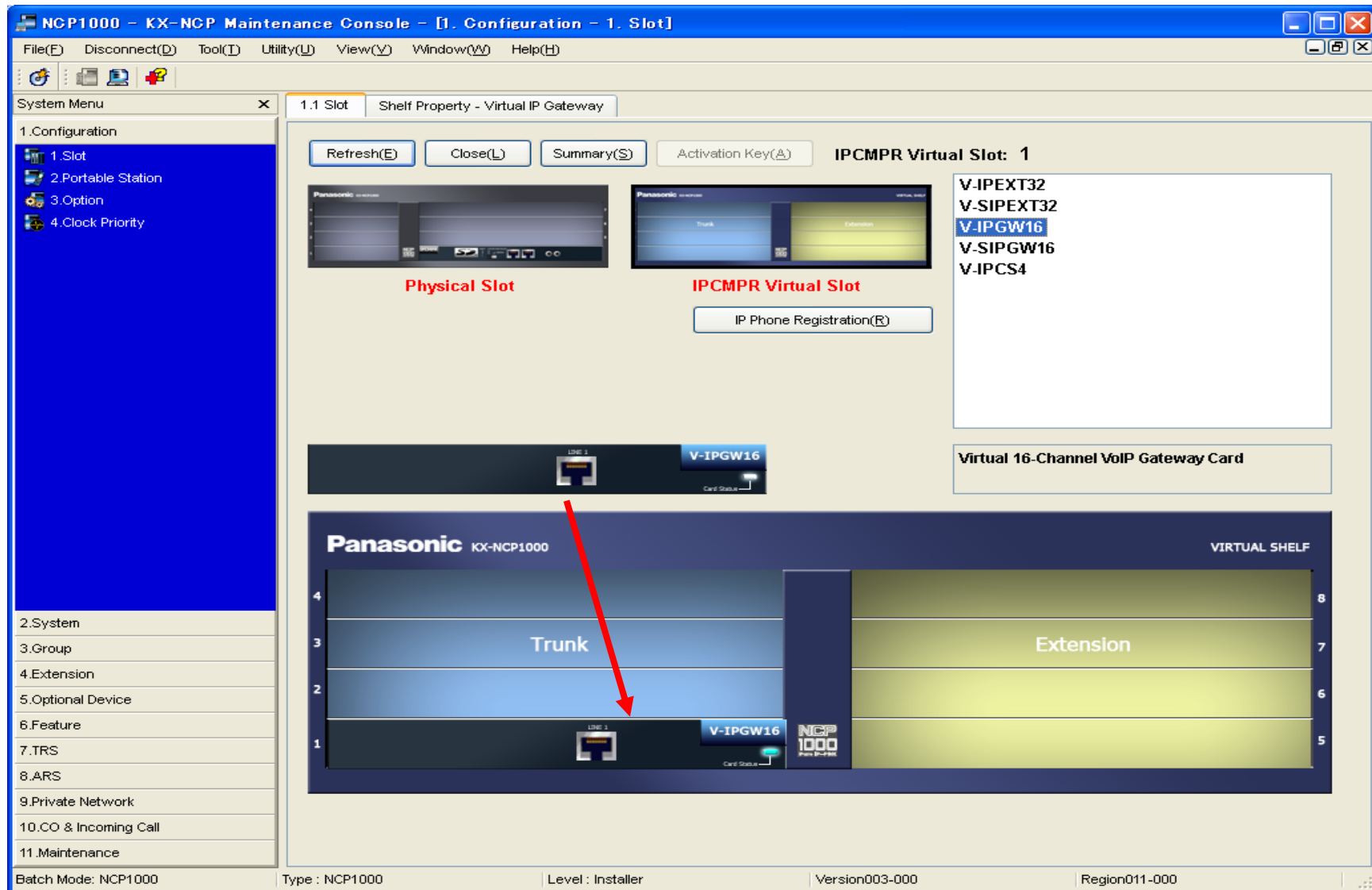
Activation key for Virtual IP Trunk

To enable added activation key for virtual IP trunk, it is required to restart all virtual IP-GW cards and all virtual SIP-GW cards. Execute(X)

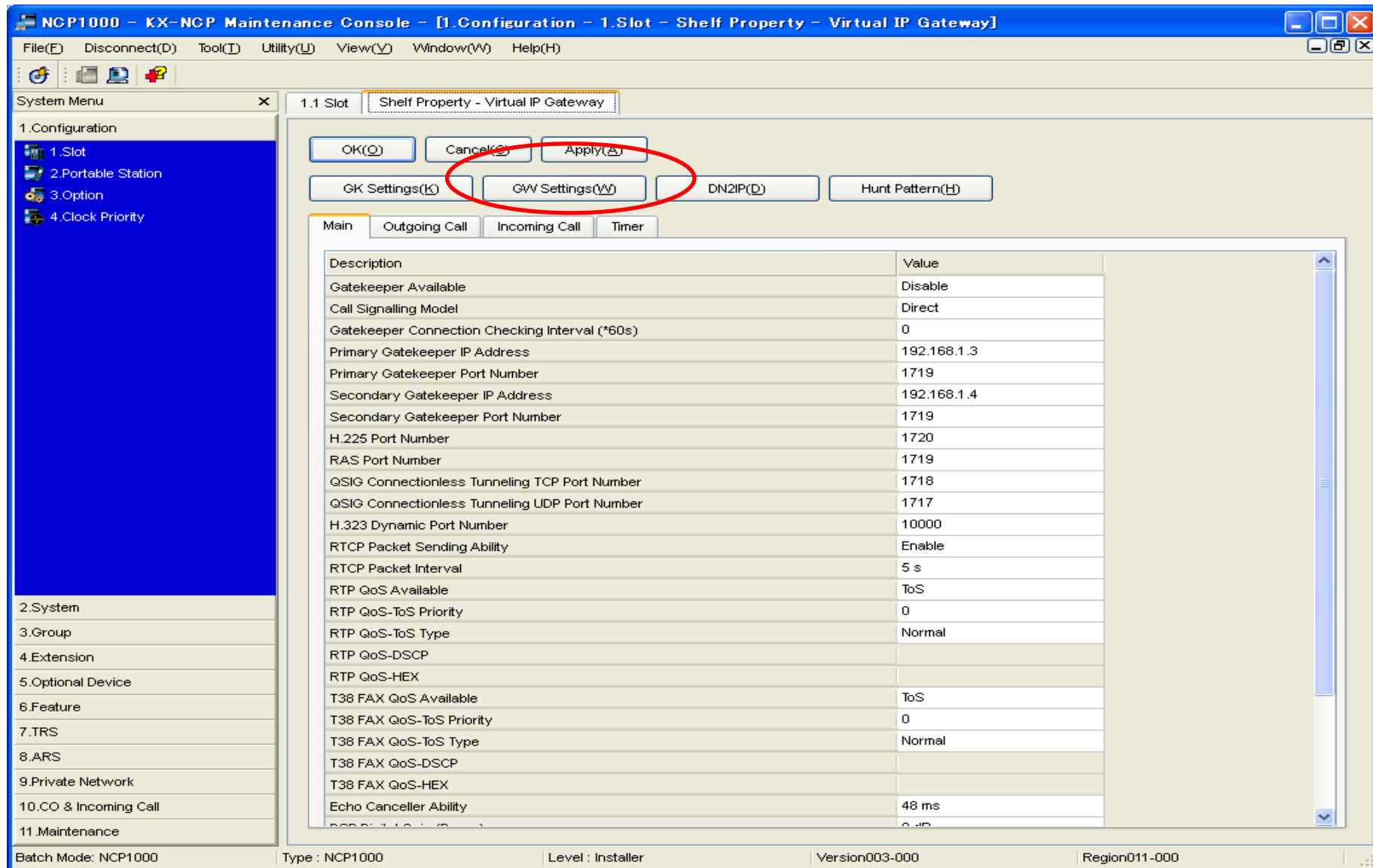
Interactive Mode : NCP1000 (LAN) Type : NCP1000 Level : Installer Version003-000 Region000-000

# NCP1000 side

- 2)Assign V- IPGW16 card
- 3)OUS V- IPGW16
- 4)Open “Shelf Property” of VIPGW16



# NCP1000 side 5)Open “GW Setting”



# NCP1000 side 6) Assign MPR IP Address of TDE600 and NCP100\_2

NCP1000 - KX-NCP Maintenance Console - [1. Configuration - 1. Slot - Shelf Property - Virtual IP Gateway - GW Settings]

File(F) Disconnect(D) Tool(T) Utility(U) View(V) Window(W) Help(H)

System Menu x 1.1 Slot Shelf Property - Virtual IP Gateway GW Settings

1. Configuration

- 1. Slot
- 2. Portable Station
- 3. Option
- 4. Clock Priority

2. System

3. Group

4. Extension

5. Optional Device

6. Feature

7. TRS

8. ARS

9. Private Network

10. CO & Incoming Call

11. Maintenance

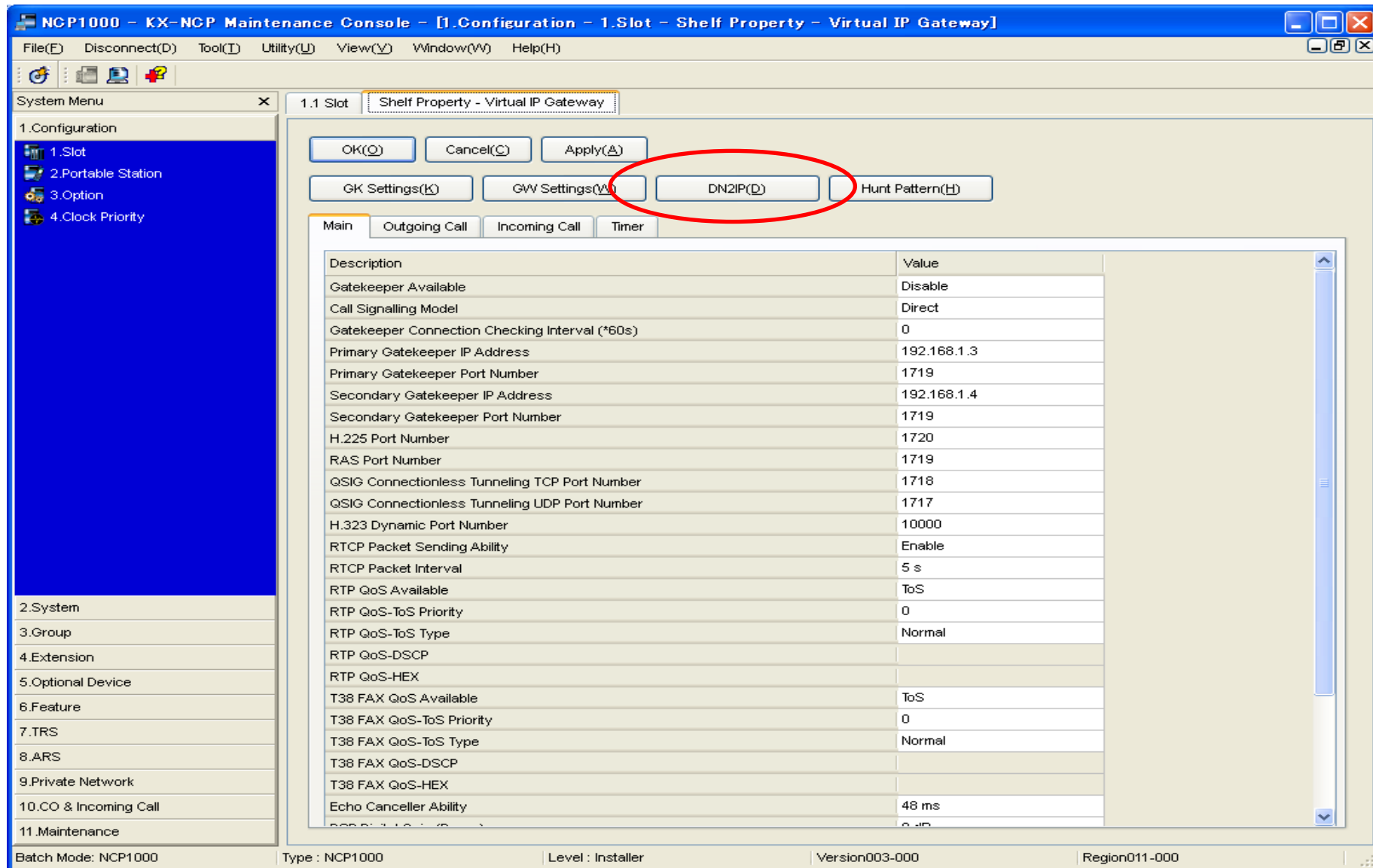
OK(O) Cancel(C) Apply(A)

Main Option 1 Option 2 Option 3

No.	GW Name (20 characters)	GW IP Address	GW Group	Connection for IP-GW16	Protocol	Progress Tone Send Mode
1	TDE600	192.168.0.111	None	Enable(TDA)	TCP	Internal
2	NCP1000_2	192.168.0.150	None	Enable(TDA)	TCP	Internal
3			None	Enable(TDA)	TCP	Internal
4			None	Enable(TDA)	TCP	Internal
5			None	Enable(TDA)	TCP	Internal
6			None	Enable(TDA)	TCP	Internal
7			None	Enable(TDA)	TCP	Internal
8			None	Enable(TDA)	TCP	Internal
9			None	Enable(TDA)	TCP	Internal
10			None	Enable(TDA)	TCP	Internal
11			None	Enable(TDA)	TCP	Internal
12			None	Enable(TDA)	TCP	Internal
13			None	Enable(TDA)	TCP	Internal
14			None	Enable(TDA)	TCP	Internal
15			None	Enable(TDA)	TCP	Internal
16			None	Enable(TDA)	TCP	Internal
17			None	Enable(TDA)	TCP	Internal
18			None	Enable(TDA)	TCP	Internal
19			None	Enable(TDA)	TCP	Internal
20			None	Enable(TDA)	TCP	Internal
21			None	Enable(TDA)	TCP	Internal
22			None	Enable(TDA)	TCP	Internal
23			None	Enable(TDA)	TCP	Internal
24			None	Enable(TDA)	TCP	Internal

Interactive Mode : NCP1000 (LAN) Type : NCP1000 Level : Installer Version003-000 Region000-000

# NCP1000 side 7) Open “DN2IP”





# NCP1000 side 8) Assign GW No.

NCP1000 - KX-NCP Maintenance Console - [1. Configuration - 1. Slot - Shelf Property - Virtual IP Gateway - DN2IP (Dialed Number to L...

File(F) Disconnect(D) Tool(T) Utility(U) View(V) Window(W) Help(H)

System Menu x 1.1 Slot Shelf Property - Virtual IP Gateway DN2IP

1. Configuration

- 1. Slot
- 2. Portable Station
- 3. Option
- 4. Clock Priority

2. System

3. Group

4. Extension

5. Optional Device

6. Feature

7. TRS

8. ARS

9. Private Network

10. CO & Incoming Call

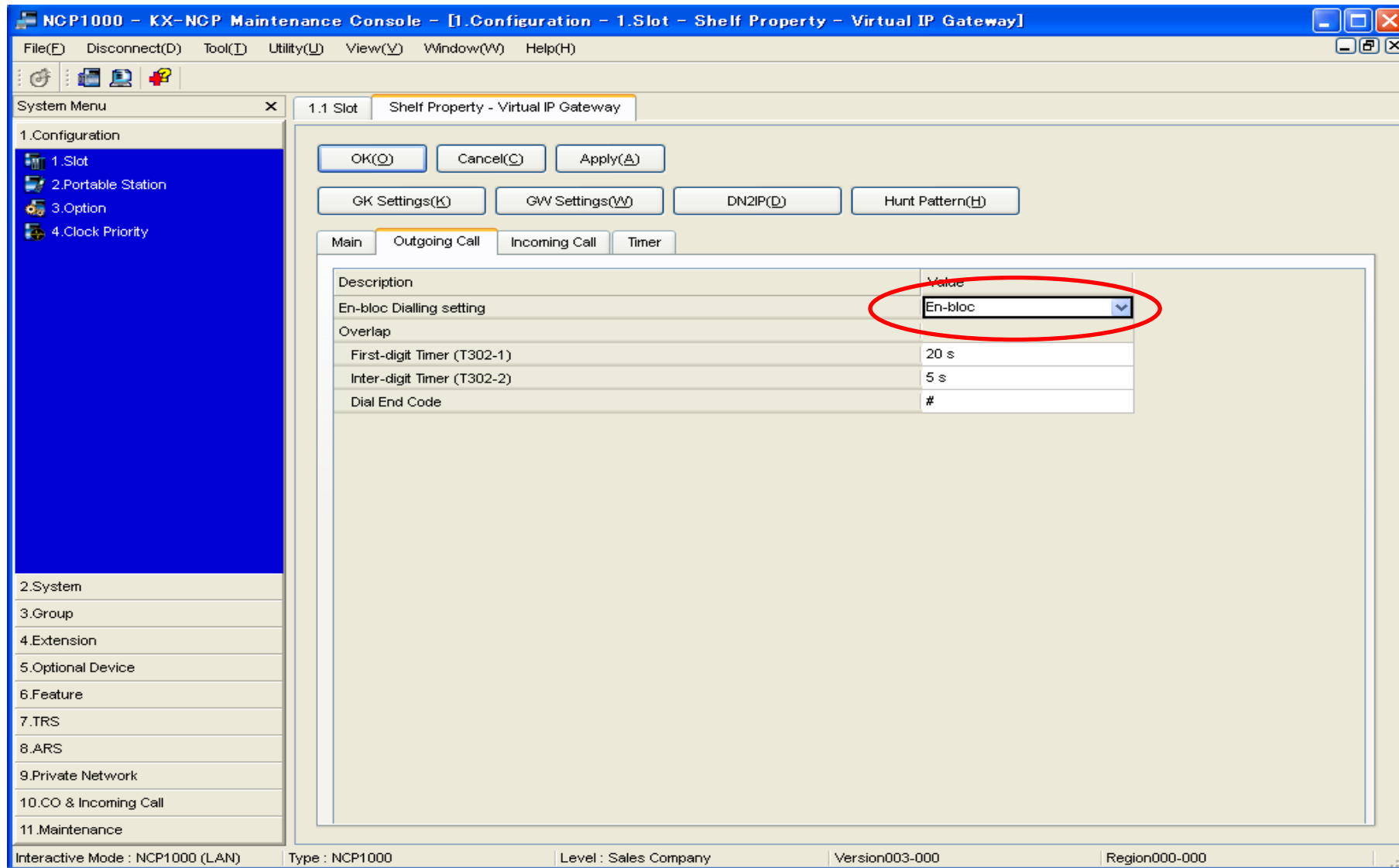
11. Maintenance

OK(O) Cancel(C) Apply(A)

No.	Leading Number (30 digits)	Remaining Number of Digits	GW No./GW Group Selection	GW Group	GW No.
1	1	0	GW No	1	1
2	2	0	GW No	1	1
3	3	0	GW No	1	2
4	4	0	GW No	1	1
5	5	0	GW No	1	1
6	6	0	GW No	1	1
7	7	0	GW No	1	1
8	8	0	GW No	1	1
9	9	0	GW No	1	1
10	0	0	GW No	1	1
11		0	GW No	1	1
12		0	GW No	1	1
13		0	GW No	1	1
14		0	GW No	1	1
15		0	GW No	1	1
16		0	GW No	1	1
17		0	GW No	1	1
18		0	GW No	1	1
19		0	GW No	1	1
20		0	GW No	1	1
21		0	GW No	1	1
22		0	GW No	1	1
23		0	GW No	1	1
24		0	GW No	1	1

Interactive Mode : NCP1000 (LAN) Type : NCP1000 Level : Installer Version 003-000 Region 000-000

# NCP1000 side 9) Change “En-block Dialing setting” to “En-block” INS V-IPGW16



# NCP1000 side

## 10) Open "System-Timers & Counters" Change "Extension Inter-digits(s)" to "4"

NCP1000 - KX-NCP Maintenance Console - [2. System - 3. Timers & Counters]

File(F) Disconnect(D) Tool(T) Utility(U) View(V) Window(W) Help(H)

System Menu x

1. Configuration

2. System

1. Date & Time

2. Operator & BGM

3. Timers & Counters

4. Week Table

5. Holiday Table

6. Numbering Plan

7. Class of Service

8. Ring Tone Patterns

9. System Options

10. Extension CID Settings

11. Audio Gain

12. Tone

3. Group

4. Extension

5. Optional Device

6. Feature

7. TRS

8. ARS

9. Private Network

10. CO & Incoming Call

11. Maintenance

1.1 Slot 2.3 Timers & Counters

OK(O) Cancel(C) Apply(A)

Dial / IRNA / Recall / Tone DISA / Door / Reminder / U. Conf Miscellaneous

Automatic Redial

Repeat Counter : 10

Repeat Interval (x10s) : 6

Redial Call Ring Duration (x10s) : 3

Analogue CO Mute / Busy Detection Timer (s) : 15

Intercept Routing No Answer (IRNA)

Day (s) : 40 Lunch (s) : 40

Break (s) : 40 Night (s) : 40

Recall

Hold Recall (s) : 60

Transfer Recall (s) : 60

Call Park Recall (s) : 60

Disconnect after Recall (x60s) : 30

Dial

Hot Line (Pickup Dial) Start (s) : 1

Extension First Digit (s) : 200

Extension Inter-digit (s) : 4

Analogue CO First Digit (s) : 10

Analogue CO Inter-digit (s) : 5

Analogue CO Call Duration Start (s) : 0

Tone Length

Busy Tone / DND Tone (s) : 10

Reorder Tone for PT Handset (s) : 10

Reorder Tone for PT Hands-free (s) : 3

Interactive Mode : NCP1000 (LAN) Type : NCP1000 Level : Sales Company Version003-000 Region000-000

# NCP1000 side 11) Delete Leading number of TDE600 “2” and NCP1000\_2 “3”

NCP1000 - KX-NCP Maintenance Console - [2. System - 6. Numbering Plan - 1. Main]

File(F) Disconnect(D) Tool(T) Utility(U) View(V) Window(W) Help(H)

System Menu x 1.1 Slot 2.6.1 Main

1.Configuration  
2.System  
1.Date & Time  
2.Operator & BGM  
3.Timers & Counters  
4.Week Table  
5.Holiday Table  
6.Numbering Plan  
1.Main  
2.Quick Dial  
3.B/A DND Call Feature  
7.Class of Service  
8.Ring Tone Patterns  
9.System Options  
10.Extension CID Settings  
11.Audio Gain

3.Group  
4.Extension  
5.Optional Device  
6.Feature  
7.TRS  
8.ARS  
9.Private Network  
10.CO & Incoming Call  
11.Maintenance

OK(O) Cancel(C) Apply(A)

Extension Features Other PBX Extension KX-T7710

No.	Feature	Leading Number (3 digits)	No. of Additional Digits
1	Extension Numbering Scheme 01	1	XX
2	Extension Numbering Scheme 02		XX
3	Extension Numbering Scheme 03		XX
4	Extension Numbering Scheme 04	1	XX
5	Extension Numbering Scheme 05		XX
6	Extension Numbering Scheme 06		XX
7	Extension Numbering Scheme 07		XX
8	Extension Numbering Scheme 08		XX
9	Extension Numbering Scheme 09		XX
10	Extension Numbering Scheme 10		XX
11	Extension Numbering Scheme 11		XX
12	Extension Numbering Scheme 12		XX
13	Extension Numbering Scheme 13		XX
14	Extension Numbering Scheme 14		XX
15	Extension Numbering Scheme 15		XX
16	Extension Numbering Scheme 16		XX
17	Extension Numbering Scheme 17		XX
18	Extension Numbering Scheme 18		XX
19	Extension Numbering Scheme 19		XX
20	Extension Numbering Scheme 20		XX
21	Extension Numbering Scheme 21	5	XX
22	Extension Numbering Scheme 22	6	XX
23	Extension Numbering Scheme 23		XX
24	Extension Numbering Scheme 24		XX
25	Extension Numbering Scheme 25		XX
26	Extension Numbering Scheme 26		XX
27	Extension Numbering Scheme 27		XX

Batch Mode: NCP1000 Type: NCP1000 Level: Installer Version003-000 Region011-000

# NCP1000 side 12) Assign Leading number of TDE600 “2” and NCP1000 New “3”

NCP1000 - KX-NCP Maintenance Console - [2. System - 6. Numbering Plan - 1. Main]

File(F) Disconnect(D) Tool(T) Utility(U) View(V) Window(W) Help(H)

System Menu x 1.1 Slot 2.6.1 Main

1.Configuration  
2.System  
1.Date & Time  
2.Operator & BGM  
3.Timers & Counters  
4.Week Table  
5.Holiday Table  
6.Numbering Plan  
1.Main  
2.Quick Dial  
3.B/N.A.DND Call Feature  
7.Class of Service  
8.Ring Tone Patterns  
9.System Options  
10.Extension CID Settings  
11.Audio Gain  
3.Group  
4.Extension  
5.Optional Device  
6.Feature  
7.TRS  
8.ARS  
9.Private Network  
10.CO & Incoming Call  
11.Maintenance

OK(O) Cancel(C) Apply(A)

Extension Features Other PBX Extension KX-T7710

No.	Feature	Dial (3 digits)
1	Other PBX Extension Numbering (TIE) 01	2
2	Other PBX Extension Numbering (TIE) 02	3
3	Other PBX Extension Numbering (TIE) 03	
4	Other PBX Extension Numbering (TIE) 04	
5	Other PBX Extension Numbering (TIE) 05	
6	Other PBX Extension Numbering (TIE) 06	
7	Other PBX Extension Numbering (TIE) 07	
8	Other PBX Extension Numbering (TIE) 08	
9	Other PBX Extension Numbering (TIE) 09	
10	Other PBX Extension Numbering (TIE) 10	
11	Other PBX Extension Numbering (TIE) 11	
12	Other PBX Extension Numbering (TIE) 12	
13	Other PBX Extension Numbering (TIE) 13	
14	Other PBX Extension Numbering (TIE) 14	
15	Other PBX Extension Numbering (TIE) 15	
16	Other PBX Extension Numbering (TIE) 16	

Batch Mode: NCP1000 Type : NCP1000 Level : Installer Version003-000 Region011-000

# NCP1000 side 13) Assign V-IP Trunk Group “7” and BRI Trunk Group “2”

NCP1000 - KX-NCP Maintenance Console - [10. CO & Incoming Call - 1. CO Line Settings]

File(F) Disconnect(D) Tool(T) Utility(U) View(V) Window(W) Help(H)

System Menu x 1.1 Slot 10.1 CO Line Settings

1.Configuration  
2.System  
3.Group  
4.Extension  
5.Optional Device  
6.Feature  
7.TRS  
8.ARS  
9.Private Network  
10.CO & Incoming Call  
11.Maintenance

1.CO Line Settings  
2.DIL Table & Port Settings  
3.DDI / DID Table  
4.MSN Table  
5.Miscellaneous

OK(O) Cancel(C) Apply(A)

**V-IPGW16 Trunk Group keep “7” as default from Ver4**

CO Line Number	Shelf	Slot	Port	Card Type	CO Name (20 characters)	Trunk Group Number
25	Physical	3	2	LCOT4		1
26	Physical	3	3	LCOT4		1
27	Physical	3	4	LCOT4		1
28	Physical	4	1	BRI2		2
29	Physical	4	1	BRI2		2
30	Physical	4	2	BRI2		2
31	Physical	4	2	BRI2		2
32	Virtual	1	1	V-IPGW16		7
33	Virtual	1	1	V-IPGW16		7
34	Virtual	1	2	V-IPGW16		7
35	Virtual	1	2	V-IPGW16		7
36	Virtual	1	3	V-IPGW16		7
37	Virtual	1	3	V-IPGW16		7
38	Virtual	1	4	V-IPGW16		7
39	Virtual	1	4	V-IPGW16		7
40	Virtual	1	5	V-IPGW16		7
41	Virtual	1	5	V-IPGW16		7
42	Virtual	1	6	V-IPGW16		7
43	Virtual	1	6	V-IPGW16		7
44	Virtual	1	7	V-IPGW16		7
45	Virtual	1	7	V-IPGW16		7
46	Virtual	1	8	V-IPGW16		7

Interactive Mode : NCP1000 (LAN) Type : NCP1000 Level : Sales Company Version003-000 Region000-000

# NCP1000 side

## 14) Trunk Group COS setting "7" -> "1"

Trunk G 2 for BRI, Trunk G 7 for IPGW

**NCP1000 - KX-NCP Maintenance Console - [3. Group - 1. Trunk Group - 1. TRG Settings]**

File(F) Disconnect(D) Tool(T) Utility(U) View(V) Window(W) Help(H)

System Menu x 1.1 Slot 3.1.1 TRG Settings

1.Configuration  
2.System  
3.Group

1.Trunk Group  
1.1 TRG Settings  
2.Local Access Priority  
3.Caller ID Modification  
4.Dialling plan  
5.Charge Rate  
2.User Group  
3.Call Pickup Group  
4.Paging Group  
5.Incoming Call Distribution Group  
6.Extension Hunting Group  
7.VM(DPT) Group  
8.VM(DTMF) Group  
9.PS Ring Group  
10.Conference Group

4.Extension  
5.Optional Device  
6.Feature  
7.TRS  
8.ARS  
9.Private Network  
10.CO & Incoming Call  
11.Maintenance

OK(O) Cancel(C) Apply(A)

**This setting necessary to realize all CO outgoing through NCP1000.**

Main Tone Detection Host PBX Access Code Collect Call Reject (for Brazil)

Trunk Group	Group Name (20 characters)	COS	Line Hunting Order	CO-CO Duration Time (*60s)	Extension-CO Duration Time (*60s)	Caller ID Modification Table	Dialling Plan Table
1		7	High -> Low	10	10	1	1
2		1	High -> Low	10	10	1	1
3		7	High -> Low	10	10	1	1
4		7	High -> Low	10	10	1	1
5		7	High -> Low	10	10	1	1
6		7	High -> Low	10	10	1	1
7		1	High -> Low	10	10	1	1
8		7	High -> Low	10	10	1	1
9		7	High -> Low	10	10	1	1
10		7	High -> Low	10	10	1	1
11		7	High -> Low	10	10	1	1
12		7	High -> Low	10	10	1	1
13		7	High -> Low	10	10	1	1
14		7	High -> Low	10	10	1	1
15		7	High -> Low	10	10	1	1
16		7	High -> Low	10	10	1	1
17		7	High -> Low	10	10	1	1
18		7	High -> Low	10	10	1	1
19		7	High -> Low	10	10	1	1
20		7	High -> Low	10	10	1	1
21		7	High -> Low	10	10	1	1
22		7	High -> Low	10	10	1	1

Interactive Mode : NCP1000 (LAN) Type : NCP1000 Level : Sales Company Version003-000 Region000-000

# NCP1000 side 15) Change Local Access Priority

**NCP1000 - KX-NCP Maintenance Console - [3. Group - 1. Trunk Group - 2. Local Access Priority]**

File(F) Disconnect(D) Tool(T) Utility(U) View(V) Window(W) Help(H)

System Menu x 1.1 Slot 3.1.2 Local Access Priority

1.Configuration  
2.System  
3.Group  
4.Extension  
5.Optional Device  
6.Feature  
7.TRS  
8.ARS  
9.Private Network  
10.CO & Incoming Call  
11.Maintenance

1.Trunk Group  
1.1. TRG Settings  
2.Local Access Priority  
3.Caller ID Modification  
4.Dialling plan  
5.Charge Rate  
2.User Group  
3.Call Pickup Group  
4.Paging Group  
5.Incoming Call Distribution Group  
6.Extension Hunting Group  
7.VM(DPT) Group  
8.VM(DTMF) Group  
9.PS Ring Group  
10.Conference Group

OK(O) Cancel(C) Apply(A)

Priority Trunk Group No. & Name

1	2 :
2	1 :
3	3 :
4	4 :
5	5 :
6	6 :
7	7 :
8	8 :
9	9 :
10	10 :
11	11 :
12	12 :
13	13 :
14	14 :
15	15 :
16	16 :
17	17 :
18	18 :
19	19 :
20	20 :
21	21 :
22	22 :
23	23 :
24	24 :
25	25 :
26	26 :
27	27 :
28	28 :

This setting necessary to realize all CO outgoing through NCP1000.

Batch Mode: NCP1000 Type: NCP1000 Level: Installer Version003-000 Region011-000



# NCP1000 side

## 16) Change "ISDN en Block Dial" to Enable

**NCP1000 - KX-NCP Maintenance Console - [2. System - 9. System Options]**

File(F) Disconnect(D) Tool(T) Utility(U) View(V) Window(W) Help(H)

System Menu x 1.1 Slot 2.9 System Options

1.Configuration  
2.System  
3.Date & Time  
4.Operator & BGM  
5.Timers & Counters  
6.Week Table  
7.Holiday Table  
8.Numbering Plan  
9.Class of Service  
10.Ring Tone Patterns  
11.System Options  
12.Extension CID Settings  
13.Audio Gain  
14.Tone

3.Group  
4.Extension  
5.Optional Device  
6.Feature  
7.TRS  
8.ARS  
9.Private Network  
10.CO & Incoming Call  
11.Maintenance

Option 1 Option 2 Option 3 Option 4 Option 5 Option 6 (CTI) Reserved (bytes) Reserved (bits)

Extension Clear

Call Waiting  
☒ Clear ☐ Do Not Clear

Fwd / DND  
☒ Clear ☐ Do Not Clear

Hot Line (Pick-up Dial)  
☒ Clear ☐ Do Not Clear

CODEC

System CODEC  
☒ A-Law ☐  $\mu$ -Law

Network CODEC  
☒ A-Law ☐  $\mu$ -Law

ISDN en Bloc Dial  
☒ Enable ☐ Disable

Redial

Automatic Redial when No Answer (ISDN)  
☐ Disable ☒ Enable

Automatic Redial for Analogue CO  
☒ Enable ☐ Disable

Save Dial After Connection to Redial Memory  
☒ Enable ☐ Disable

Call Log by Redial key  
☐ Enable ☒ Disable

Extension - CO Call Limitation

For Incoming Call  
☐ Enable ☒ Disable

CO - CO Call Limitation

After Conference  
☒ Enable ☐ Disable

This setting needs for accept receiving a outgoing CO call.  
It may be necessary only for this demo scenario.

Interactive Mode : NCP1000 (LAN) Type : NCP1000 Level : Sales Company Version003-000 Region000-000

# TDE600 side

## 1) Assign No of IP Trunk

**TDE600 - KX-TDE600 Maintenance Console - [Activation Key]**

File(F) Disconnect(D) Tool(T) Utility(U) View(V) Window(W) Help(H)

System Menu x 1.1 Slot Activation Key

1. Configuration

- 1. Slot
- 2. Portable Station
- 3. Option
- 4. Clock Priority

2. System

3. Group

4. Extension

5. Optional Device

6. Feature

7. TRS

8. ARS

9. Private Network

10. CO & Incoming Call

11. Maintenance

OK(O) Cancel(C) Apply(A)

IPCEMPR-ID: AD00-040B-F03F-C7A8

The number of activated IP-GW: 4 / 32  
IP-GW channels can only be set to 32 or less.

The number of activated IP Softphone: 0 / 0

Activated Feature	The number of activated feature by		
	VoIP-DSP Card	Activation Key File in SD Card	Total
IP Trunk (ch)	4	0	4
IP Proprietary Telephone (ch)	8	0	8
IP Proprietary Telephone / IP Softphone (ch)	0	0	0
SIP Extension (ch)	0	0	0
Enhanced Features	0	1	1
CA Basic (user)	20	0	20
CA Pro (user)	0	10	10
CA Supervisor (user)	0	1	1
CA Operator Console (user)	0	1	1
CA Network Feature (user)	0	10	10
CA Thin Client Server	0	0	0
CA Multiplexer (application)	0	0	0
Reserved	0	0	0

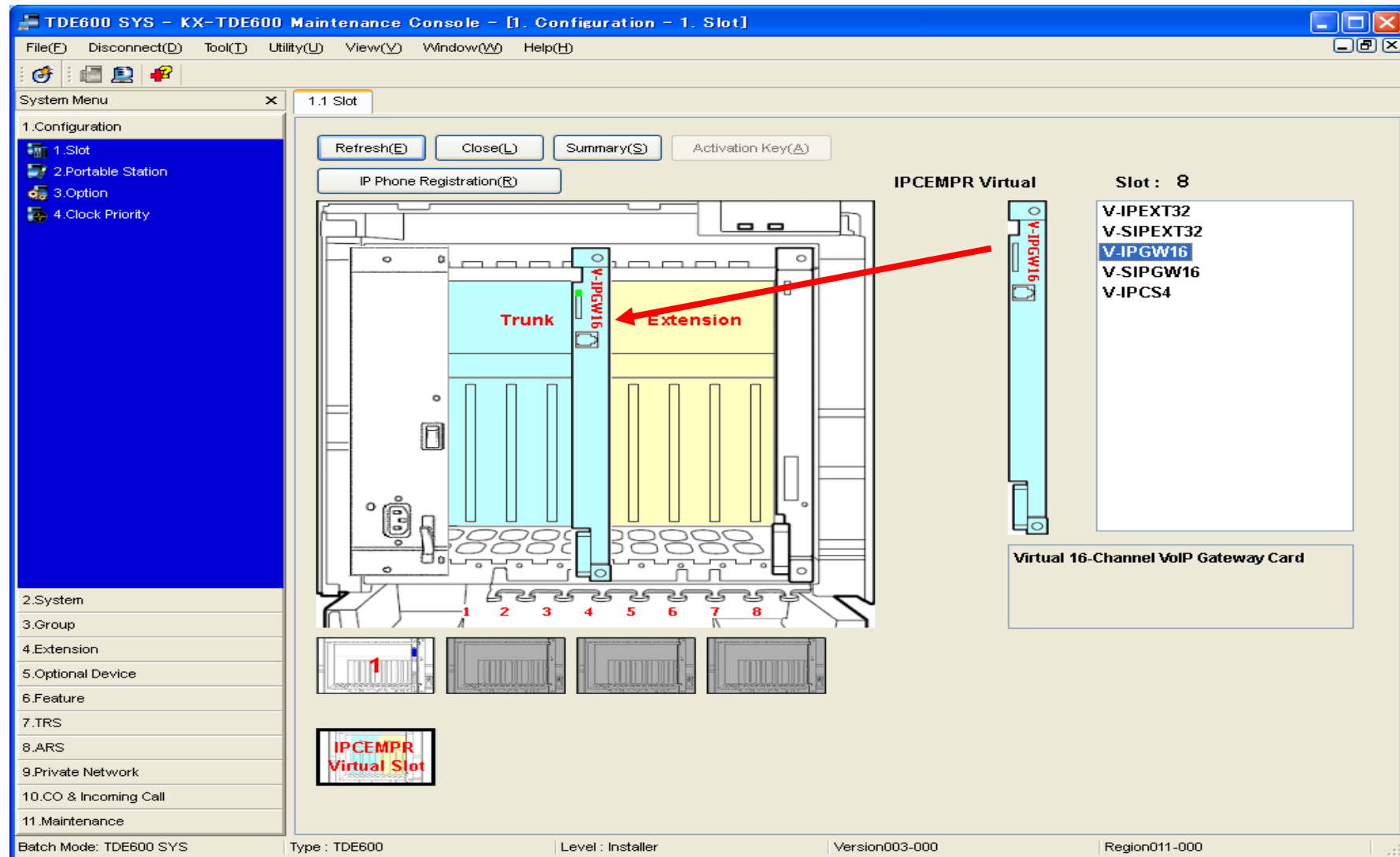
Activation key for Virtual IP Trunk

To enable added activation key for virtual IP trunk, it is required to restart all virtual IP-GW cards and all virtual SIP-GW cards. Execute(X)

Interactive Mode : TDE600 (LAN) Type : TDE600 Level : Installer Version003-000 Region000-000

# TDE600 side

- 2) Assign V- IPGW16 card
- 3) OUS V- IPGW16
- 4) Open “Shelf Property” of VIPGW16



# TDE600 side

## 5) Open “GW Setting”

TDE600 SYS - KX-TDE600 Maintenance Console - [1.Configuration - 1.Slot - Shelf Property - Virtual IP Gateway]

File(F) Disconnect(D) Tool(T) Utility(U) View(V) Window(W) Help(H)

System Menu x 1.1 Slot Shelf Property - Virtual IP Gateway

1.Configuration

- 1.Slot
- 2.Portable Station
- 3.Option
- 4.Clock Priority

2.System

3.Group

4.Extension

5.Optional Device

6.Feature

7.TRS

8.ARS

9.Private Network

10.CO & Incoming Call

11.Maintenance

OK(O) Cancel(C) Apply(A)

GK Settings(K) GW Settings(W) DN2IP(D) Hunt Pattern(H)

Main Outgoing Call Incoming Call Timer

Description	Value
Gatekeeper Available	Disable
Call Signalling Model	Direct
Gatekeeper Connection Checking Interval (*60s)	0
Primary Gatekeeper IP Address	192.168.1.3
Primary Gatekeeper Port Number	1719
Secondary Gatekeeper IP Address	192.168.1.4
Secondary Gatekeeper Port Number	1719
H.225 Port Number	1720
RAS Port Number	1719
QSIG Connectionless Tunneling TCP Port Number	1718
QSIG Connectionless Tunneling UDP Port Number	1717
H.323 Dynamic Port Number	10000
RTCP Packet Sending Ability	Enable
RTCP Packet Interval	5 s
RTP QoS Available	ToS
RTP QoS-ToS Priority	0
RTP QoS-ToS Type	Normal
RTP QoS-DSCP	
RTP QoS-HEX	
T38 FAX QoS Available	ToS
T38 FAX QoS-ToS Priority	0
T38 FAX QoS-ToS Type	Normal
T38 FAX QoS-DSCP	
T38 FAX QoS-HEX	
Echo Canceller Ability	48 ms

Batch Mode: TDE600 SYS Type : TDE600 Level : Installer Version003-000 Region011-000

# TDE600 side

## 6) Assign MPR IP Address of NCP1000 and NCP1000\_2

TDE600 - KX-TDE600 Maintenance Console - [1. Configuration - 1. Slot - Shelf Property - Virtual IP Gateway - GW Settings]

File(F) Disconnect(D) Tool(T) Utility(U) View(V) Window(W) Help(H)

System Menu x 1.1 Slot Shelf Property - Virtual IP Gateway GW Settings

1. Configuration  
2. System  
3. Group  
4. Extension  
5. Optional Device  
6. Feature  
7. TRS  
8. ARS  
9. Private Network  
10. CO & Incoming Call  
11. Maintenance

1. Trunk Group  
2. User Group  
3. Call Pickup Group  
4. Paging Group  
5. Incoming Call Distribution Group  
6. Extension Hunting Group  
7. VM(DPT) Group  
8. VM(DTMF) Group  
9. PS Ring Group  
10. Conference Group

1. System Settings  
2. Unit Settings

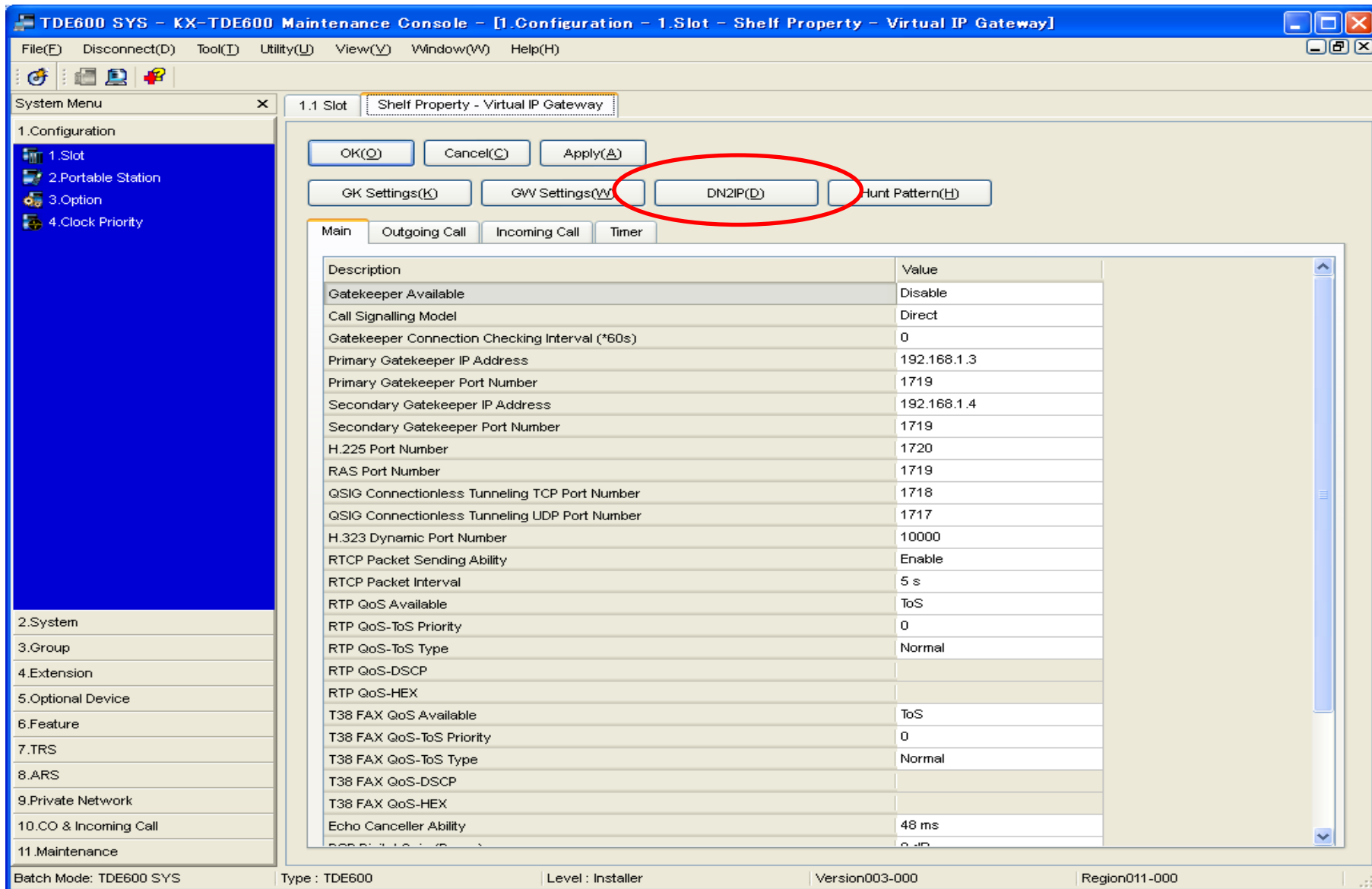
OK(O) Cancel(C) Apply(A)

Main Option 1 Option 2 Option 3

No.	GW Name (20 characters)	GW IP Address	GW Group	Connection for IP-GW16	Protocol	Progress Tone Send Mode
1	NCP1000	192.168.0.101	None	Enable(TDA)	TCP	Internal
2	NCP1000_2	192.168.0.150	None	Enable(TDA)	TCP	Internal
3			None	Enable(TDA)	TCP	Internal
4			None	Enable(TDA)	TCP	Internal
5			None	Enable(TDA)	TCP	Internal
6			None	Enable(TDA)	TCP	Internal
7			None	Enable(TDA)	TCP	Internal
8			None	Enable(TDA)	TCP	Internal
9			None	Enable(TDA)	TCP	Internal
10			None	Enable(TDA)	TCP	Internal
11			None	Enable(TDA)	TCP	Internal
12			None	Enable(TDA)	TCP	Internal
13			None	Enable(TDA)	TCP	Internal
14			None	Enable(TDA)	TCP	Internal
15			None	Enable(TDA)	TCP	Internal
16			None	Enable(TDA)	TCP	Internal
17			None	Enable(TDA)	TCP	Internal
18			None	Enable(TDA)	TCP	Internal
19			None	Enable(TDA)	TCP	Internal
20			None	Enable(TDA)	TCP	Internal
21			None	Enable(TDA)	TCP	Internal
22			None	Enable(TDA)	TCP	Internal
23			None	Enable(TDA)	TCP	Internal
24			None	Enable(TDA)	TCP	Internal

Interactive Mode : TDE600 (LAN) Type : TDE600 Level : Installer Version003-000 Region000-000

# TDE600 side 7) Open “DN2IP”



# TDE600 side 8) Assign GW No.

TDE600 - KX-TDE600 Maintenance Console - [1. Configuration - 1. Slot - Shelf Property - Virtual IP Gateway - DN2IP (Dialed Number to ...]

File(F) Disconnect(D) Tool(T) Utility(U) View(V) Window(W) Help(H)

System Menu x 1.1 Slot Shelf Property - Virtual IP Gateway DN2IP

1.Configuration  
2.System  
3.Group  
4.Extension  
5.Optional Device  
6.Feature  
7.TRS  
8.ARS  
9.Private Network  
10.CO & Incoming Call  
11.Maintenance

1.Trunk Group  
2.User Group  
3.Call Pickup Group  
4.Paging Group  
5.Incoming Call Distribution Group  
6.Extension Hunting Group  
7.VM(DPT) Group  
8.VM(DTMF) Group  
9.PS Ring Group  
10.Conference Group

1.System Settings  
2.Unit Settings

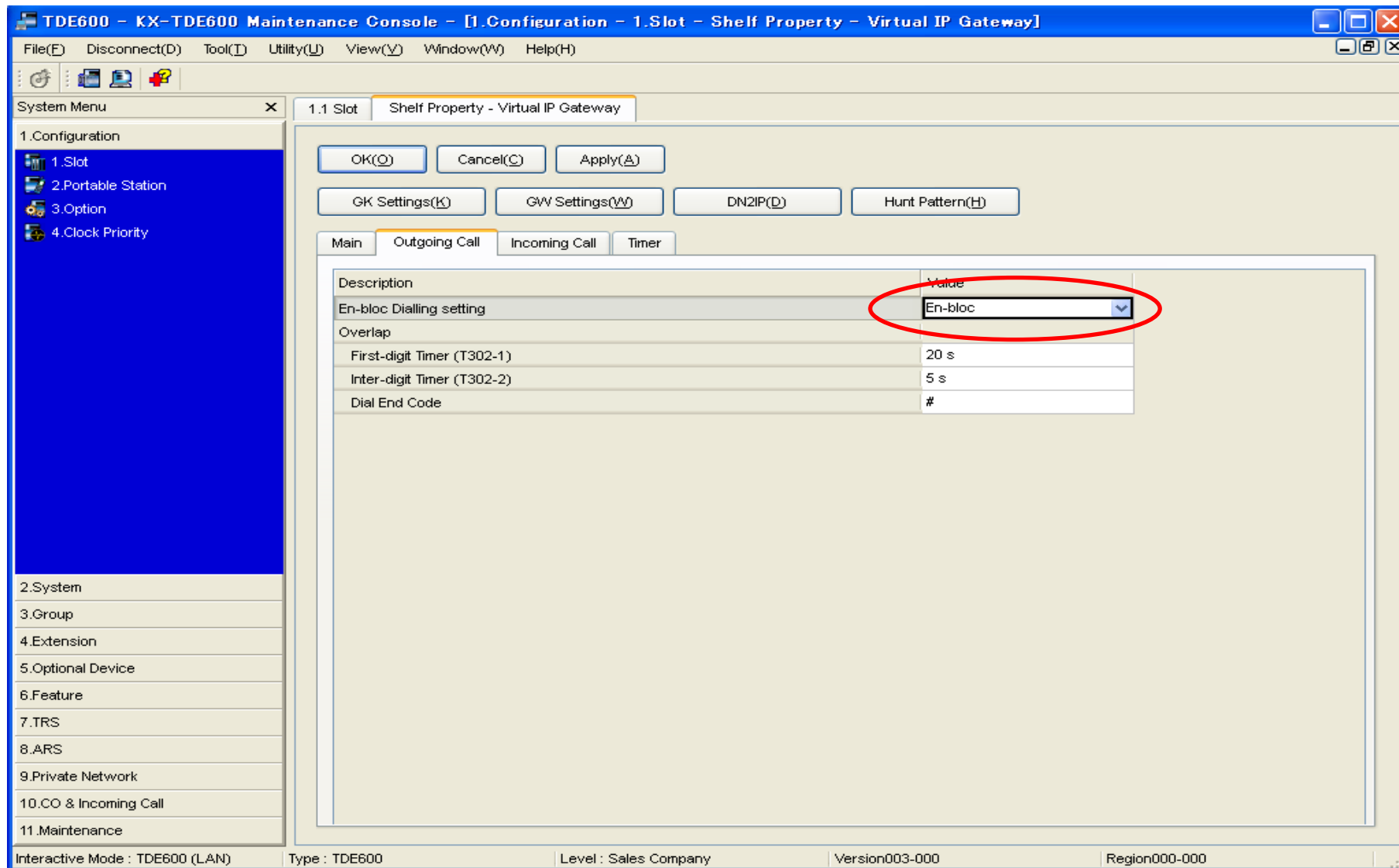
OK(O) Cancel(C) Apply(A)

No.	Leading Number (30 digits)	Remaining Number of Digits	GW No/GW Group Selection	GW Group	GW No.
1	1	0	GW No	1	1
2	2	0	GW No	1	1
3	3	0	GW No	1	2
4	4	0	GW No	1	1
5	5	0	GW No	1	1
6	6	0	GW No	1	1
7	7	0	GW No	1	1
8	8	0	GW No	1	1
9	9	0	GW No	1	1
10	0	0	GW No	1	1
11		0	GW No	1	1
12		0	GW No	1	1
13		0	GW No	1	1
14		0	GW No	1	1
15		0	GW No	1	1
16		0	GW No	1	1
17		0	GW No	1	1
18		0	GW No	1	1
19		0	GW No	1	1
20		0	GW No	1	1
21		0	GW No	1	1
22		0	GW No	1	1
23		0	GW No	1	1
24		0	GW No	1	1

Interactive Mode : TDE600 (LAN) Type : TDE600 Level : Installer Version003-000 Region000-000

# TDE600 side

## 9) Change “En-block Dialing setting” to “En-block” INS V-IPGW16





# TDE600 side

## 10) Open “System-Timers & Counters” Change “Extension Inter-digits(s)” to “4”

TDE600 - KX-TDE600 Maintenance Console - [2. System - 3. Timers & Counters]

File(F) Disconnect(D) Tool(T) Utility(U) View(V) Window(W) Help(H)

System Menu x 1.1 Slot 2.3 Timers & Counters

1.Configuration  
2.System  
3.Timers & Counters  
4.Week Table  
5.Holiday Table  
6.Numbering Plan  
7.Class of Service  
8.Ring Tone Patterns  
9.System Options  
10.Extension CID Settings  
11.Audio Gain  
12.Tone

3.Group  
4.Extension  
5.Optional Device  
6.Feature  
7.TRS  
8.ARS  
9.Private Network  
10.CO & Incoming Call  
11.Maintenance

OK(O) Cancel(C) Apply(A)

Dial / IRNA / Recall / Tone DISA / Door / Reminder / U. Conf Miscellaneous

Automatic Redial

Repeat Counter : 10  
Repeat Interval (x10s) : 6  
Redial Call Ring Duration (x10s) : 3  
Analogue CO Mute / Busy Detection Timer (s) : 15

Dial

Hot Line (Pickup Dial) Start (s) : 1  
Extension First Digit (s) : 238  
Extension Inter-digit (s) : 4  
Analogue CO First Digit (s) : 10  
Analogue CO Inter-digit (s) : 5  
Analogue CO Call Duration Start (s) : 0

Intercept Routing No Answer (IRNA)

Day (s) : 40 Lunch (s) : 40  
Break (s) : 40 Night (s) : 40

Recall

Hold Recall (s) : 60  
Transfer Recall (s) : 60  
Call Park Recall (s) : 60  
Disconnect after Recall (x60s) : 30

Tone Length

Busy Tone / DND Tone (s) : 10  
Reorder Tone for PT Handset (s) : 10  
Reorder Tone for PT Hands-free (s) : 3

Interactive Mode : TDE600 (LAN) Type : TDE600 Level : Sales Company Version003-000 Region000-000

# TDE600 side 11) Delete Leading number of NCP1000 “1”, NCP1000\_2 “3” and “4” for VM

TDE600 - KX-TDE600 Maintenance Console - [2. System - 6. Numbering Plan - 1. Main]

File(F) Disconnect(D) Tool(T) Utility(U) View(V) Window(W) Help(H)

System Menu x 1.1 Slot 2.6.1 Main

1.Configuration  
2.System

1.Date & Time  
2.Operator & BGM  
3.Timers & Counters  
4.Week Table  
5.Holiday Table  
6.Numbering Plan  
1.Main  
2.Quick Dial  
3.BINA DND Call Feature  
7.Class of Service  
1.COS Settings  
2.External Call Block  
3.Internal Call Block  
8.Ring Tone Patterns  
9.System Options  
10.Extension CID Settings  
11.Audio Gain

3.Group  
4.Extension  
5.Optional Device  
6.Feature  
7.TRS  
8.ARS  
9.Private Network  
10.CO & Incoming Call  
11.Maintenance

OK(O) Cancel(C) Apply(A)

Extension Features Other PBX Extension KX-T7710

No.	Feature	Leading Number (3 digits)	No. of Additional Digits
1	Extension Numbering Scheme 01		XX
2	Extension Numbering Scheme 02	2	XX
3	Extension Numbering Scheme 03		XX
4	Extension Numbering Scheme 04		XX
5	Extension Numbering Scheme 05		XX
6	Extension Numbering Scheme 06		XX
7	Extension Numbering Scheme 07		XX
8	Extension Numbering Scheme 08		XX
9	Extension Numbering Scheme 09		XX
10	Extension Numbering Scheme 10		XX
11	Extension Numbering Scheme 11		XX
12	Extension Numbering Scheme 12		XX
13	Extension Numbering Scheme 13		XX
14	Extension Numbering Scheme 14		XX
15	Extension Numbering Scheme 15		XX
16	Extension Numbering Scheme 16		XX
17	Extension Numbering Scheme 17		XX
18	Extension Numbering Scheme 18		XX
19	Extension Numbering Scheme 19		XX
20	Extension Numbering Scheme 20		XX
21	Extension Numbering Scheme 21	5	XX
22	Extension Numbering Scheme 22	6	XX
23	Extension Numbering Scheme 23		XX

Interactive Mode : TDE600 (LAN) Type : TDE600 Level : Installer Version003-000 Region000-000

## TDE600 side 12) Assign Leading number of NCP1000 “1”, NCP1000\_2 “3” and VM “4”

TDE600 - KX-TDE600 Maintenance Console - [2. System - 6. Numbering Plan - 1. Main]

File(F) Disconnect(D) Tool(T) Utility(U) View(V) Window(W) Help(H)

System Menu x 1.1 Slot 2.6.1 Main

1.Configuration  
2.System  
1.Date & Time  
2.Operator & BGM  
3.Timers & Counters  
4.Week Table  
5.Holiday Table  
6.Numbering Plan  
1.Main  
2.Quick Dial  
3.BNA DND Call Feature  
7.Class of Service  
1.COS Settings  
2.External Call Block  
3.Internal Call Block  
8.Ring Tone Patterns  
9.System Options  
10.Extension CID Settings  
11.Audio Gain  
3.Group  
4.Extension  
5.Optional Device  
6.Feature  
7.TRS  
8.ARS  
9.Private Network  
10.CO & Incoming Call  
11.Maintenance

OK(O) Cancel(C) Apply(A)

Extension Features Other PBX Extension KX-T7710

No.	Feature	Dial (3 digits)
1	Other PBX Extension Numbering (TIE) 01	1
2	Other PBX Extension Numbering (TIE) 02	3
3	Other PBX Extension Numbering (TIE) 03	4
4	Other PBX Extension Numbering (TIE) 04	
5	Other PBX Extension Numbering (TIE) 05	
6	Other PBX Extension Numbering (TIE) 06	
7	Other PBX Extension Numbering (TIE) 07	
8	Other PBX Extension Numbering (TIE) 08	
9	Other PBX Extension Numbering (TIE) 09	
10	Other PBX Extension Numbering (TIE) 10	
11	Other PBX Extension Numbering (TIE) 11	
12	Other PBX Extension Numbering (TIE) 12	
13	Other PBX Extension Numbering (TIE) 13	
14	Other PBX Extension Numbering (TIE) 14	
15	Other PBX Extension Numbering (TIE) 15	
16	Other PBX Extension Numbering (TIE) 16	

Interactive Mode : TDE600 (LAN) Type : TDE600 Level : Installer Version003-000 Region000-000

# TDE600 side

## 13) Assign V-IP Trunk Group “7”

TDE600 SYS - KX-TDE600 Maintenance Console - [10. CO & Incoming Call - 1. CO Line Settings]

File(F) Disconnect(D) Tool(T) Utility(U) View(V) Window(W) Help(H)

System Menu x 1.1 Slot 10.1 CO Line Settings

1. Configuration  
2. System  
3. Group  
4. Extension  
5. Optional Device  
6. Feature  
7. TRS  
8. ARS  
9. Private Network  
10. CO & Incoming Call  
11. Maintenance

1. CO Line Settings  
2. DIL Table & Port Settings  
3. DDI / DID Table  
4. MSN Table  
5. Miscellaneous

OK(O) Cancel(C) Apply(A)

Select Shelf & Slot All

**V-IPGW16 Trunk Group assigned “7” as default from Ver4**

CO Line Number	Shelf	Slot	Port	Card Type	CO Name (20 characters)	Trunk Group Number
1	Virtual	4	1	V-IPGW16		7
2	Virtual	4	1	V-IPGW16		7
3	Virtual	4	2	V-IPGW16		7
4	Virtual	4	2	V-IPGW16		7
5	Virtual	4	3	V-IPGW16		7
6	Virtual	4	3	V-IPGW16		7
7	Virtual	4	4	V-IPGW16		7
8	Virtual	4	4	V-IPGW16		7
9	Virtual	4	5	V-IPGW16		7
10	Virtual	4	5	V-IPGW16		7
11	Virtual	4	6	V-IPGW16		7
12	Virtual	4	6	V-IPGW16		7
13	Virtual	4	7	V-IPGW16		7
14	Virtual	4	7	V-IPGW16		7
15	Virtual	4	8	V-IPGW16		7
16	Virtual	4	8	V-IPGW16		7

Batch Mode: TDE600 SYS Type : TDE600 Level : Installer Version003-000 Region011-000

# NCP1000 2 side

## 1) Assign No of IP Trunk

**NCP1000 2 - KX-NCP Maintenance Console - [Activation Key]**

File(F) Disconnect(D) Tool(T) Utility(U) View(V) Window(W) Help(H)

System Menu x 1.1 Slot Activation Key

1. Configuration

- 1. Slot
- 2. Portable Station
- 3. Option
- 4. Clock Priority

2. System

3. Group

4. Extension

5. Optional Device

6. Feature

7. TRS

8. ARS

9. Private Network

10. CO & Incoming Call

11. Maintenance

OK(O) Cancel(C) Apply(A)

IPCMR-ID:0600-0100-F0A4-2150

The number of activated IP-GW: 4 / 4  
IP-GW channels can only be set to 32 or less.

The number of activated IP Softphone: 0 / 0

Activated Feature	The number of activated feature by		
	VoIP-DSP Card	Activation Key File in SD Card	Total
IP Trunk (ch)	4	0	4
IP Proprietary Telephone (ch)	8	0	8
IP Proprietary Telephone / IP Softphone (ch)	0	0	0
SIP Extension (ch)	0	0	0
Enhanced Features	0	1	1
CA Basic (user)	5	0	5
CA Pro (user)	0	10	10
CA Supervisor (user)	0	1	1
CA Operator Console (user)	0	0	0
CA Network Feature (user)	0	5	5
CA Thin Client Server	0	0	0
CA Multiplexer (application)	0	0	0
Reserved	0	0	0

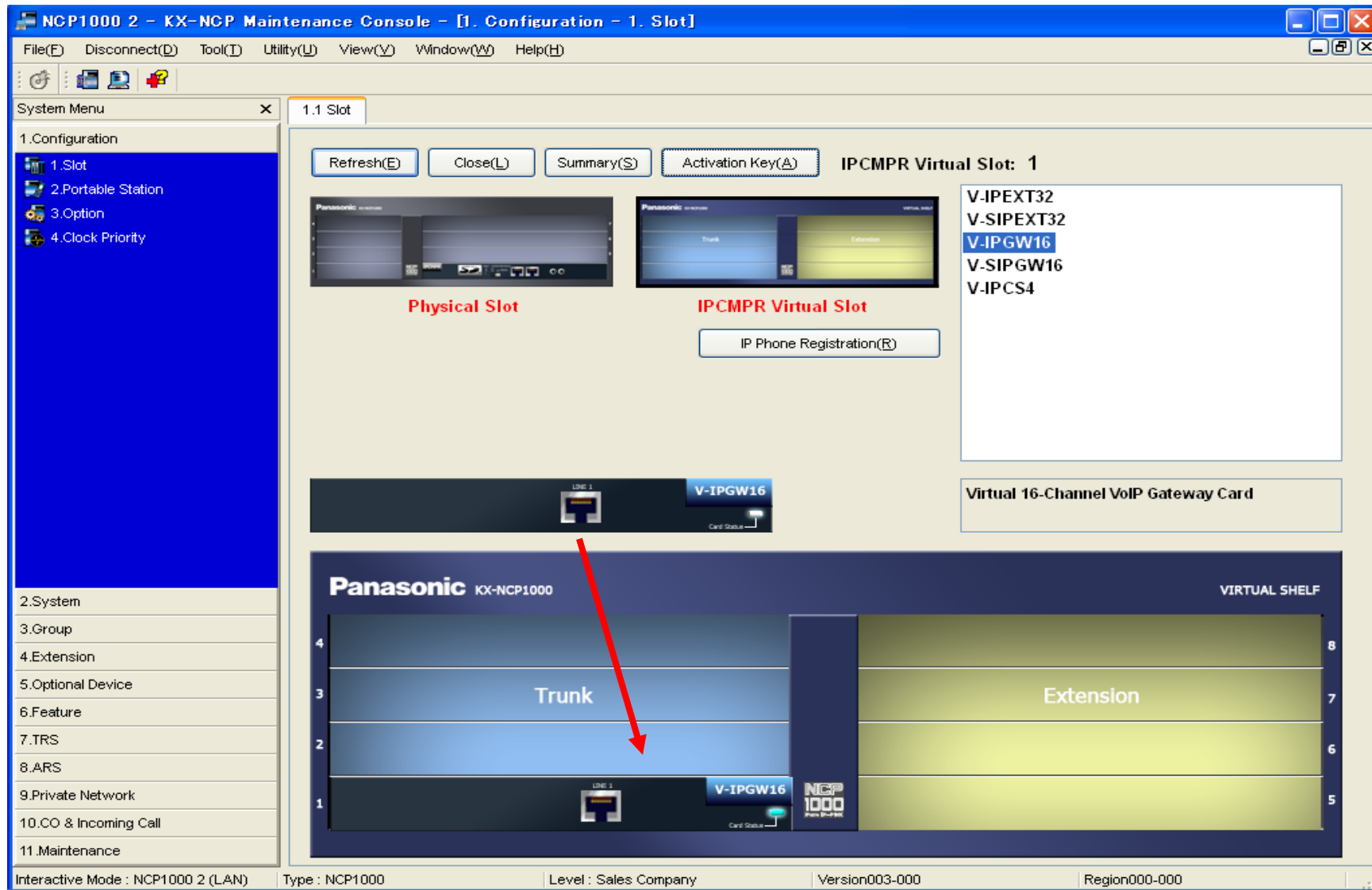
Activation key for Virtual IP Trunk

To enable added activation key for virtual IP trunk, it is required to restart all virtual IP-GW cards and all virtual SIP-GW cards. Execute(X)

Interactive Mode : NCP1000 2 (LAN) Type : NCP1000 Level : Sales Company Version003-000 Region000-000

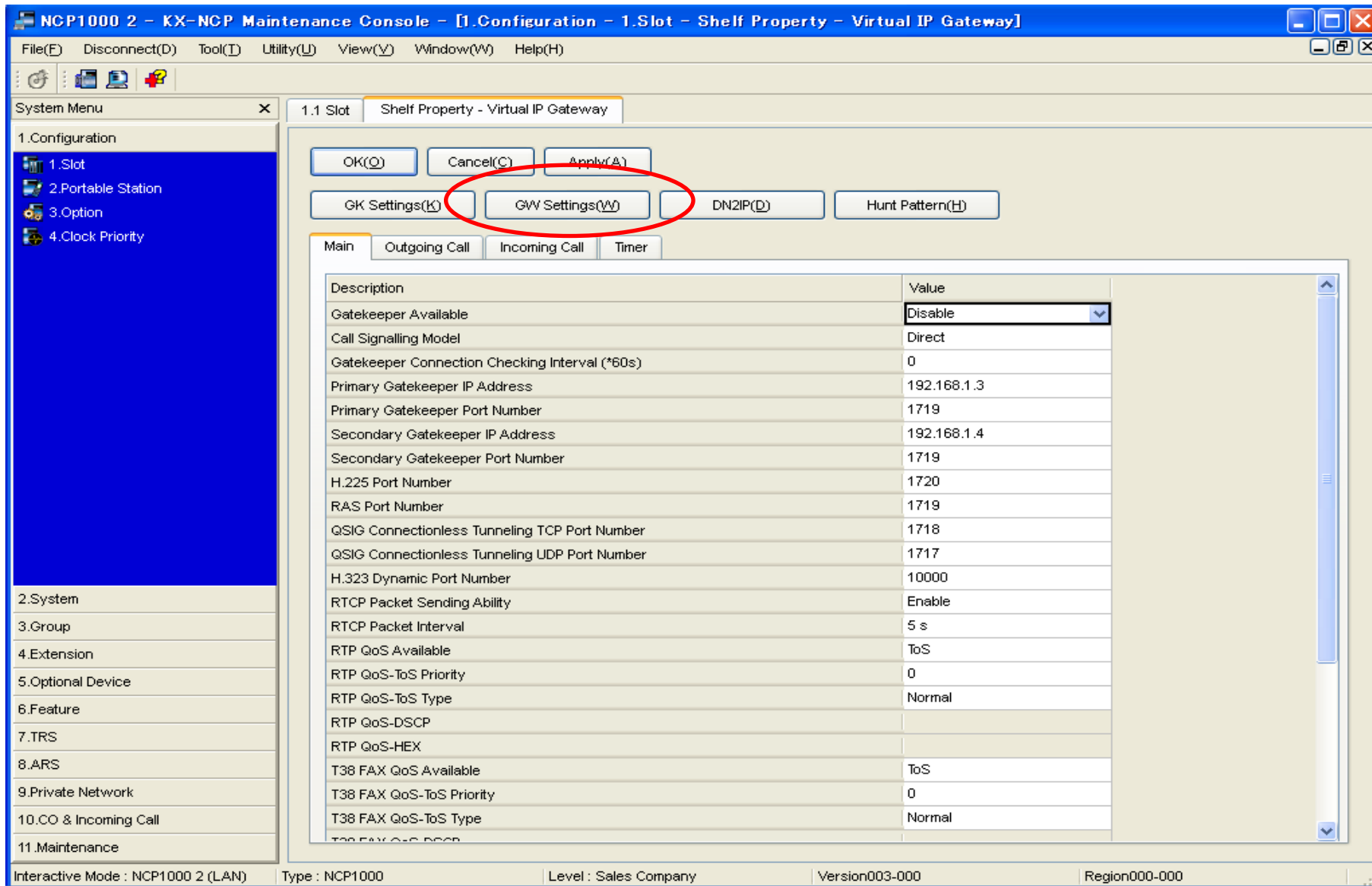
# NCP1000 2 side

- 2)Assign V- IPGW16 card
- 3)OUS V- IPGW16
- 4)Open “Shelf Property” of VIPGW16



# NCP1000 2 side

## 5) Open “GW Setting”



# NCP1000 2 side

## 6) Assign MPR IP Address of NCP1000 and TDE600

NCP1000 2 - KX-NCP Maintenance Console - [1. Configuration - 1. Slot - Shelf Property - Virtual IP Gateway - GW Settings]

File(F) Disconnect(D) Tool(T) Utility(U) View(V) Window(W) Help(H)

System Menu x 1.1 Slot Shelf Property - Virtual IP Gateway GW Settings

1.Configuration

- 1.Slot
- 2.Portable Station
- 3.Option
- 4.Clock Priority

2.System

3.Group

4.Extension

5.Optional Device

6.Feature

7.TRS

8.ARS

9.Private Network

10.CO & Incoming Call

11.Maintenance

OK(O) Cancel(C) Apply(A)

Main Option 1 Option 2 Option 3

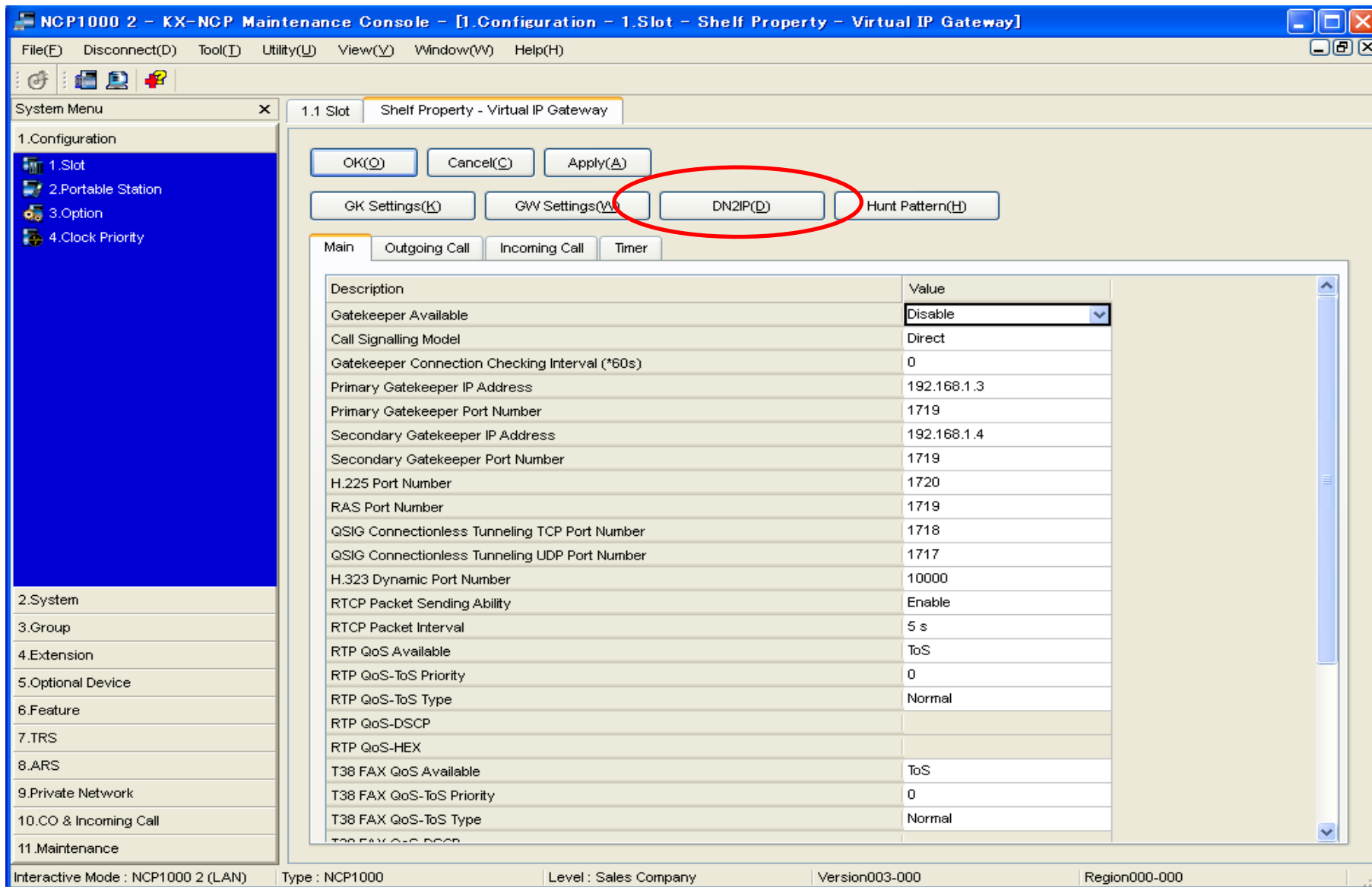
No.	GW Name (20 characters)	GW IP Address	GW Group	Connection for IP-GW16	Protocol	Progress Tone Send Mode
1	NCP1000	192.168.0.101	None	Enable(TDA)	TCP	Internal
2	TDE600	192.168.0.111	None	Enable(TDA)	TCP	Internal
3			None	Enable(TDA)	TCP	Internal
4			None	Enable(TDA)	TCP	Internal
5			None	Enable(TDA)	TCP	Internal
6			None	Enable(TDA)	TCP	Internal
7			None	Enable(TDA)	TCP	Internal
8			None	Enable(TDA)	TCP	Internal
9			None	Enable(TDA)	TCP	Internal
10			None	Enable(TDA)	TCP	Internal
11			None	Enable(TDA)	TCP	Internal
12			None	Enable(TDA)	TCP	Internal
13			None	Enable(TDA)	TCP	Internal
14			None	Enable(TDA)	TCP	Internal
15			None	Enable(TDA)	TCP	Internal
16			None	Enable(TDA)	TCP	Internal
17			None	Enable(TDA)	TCP	Internal
18			None	Enable(TDA)	TCP	Internal
19			None	Enable(TDA)	TCP	Internal
20			None	Enable(TDA)	TCP	Internal
21			None	Enable(TDA)	TCP	Internal
22			None	Enable(TDA)	TCP	Internal
23			None	Enable(TDA)	TCP	Internal
24			None	Enable(TDA)	TCP	Internal

Interactive Mode : NCP1000 2 (LAN) Type : NCP1000 Level : Installer Version003-000 Region000-000



# NCP1000 2 side

## 7) Open “DN2IP”



# NCP1000 2 side

## 8) Assign GW No.

NCP1000 2 - KX-NCP Maintenance Console - [1. Configuration - 1. Slot - Shelf Property - Virtual IP Gateway - DN2IP (Dialed Number to...]

File(F) Disconnect(D) Tool(T) Utility(U) View(V) Window(W) Help(H)

System Menu x 1.1 Slot Shelf Property - Virtual IP Gateway DN2IP

1. Configuration

- 1. Slot
- 2. Portable Station
- 3. Option
- 4. Clock Priority

2. System

3. Group

4. Extension

5. Optional Device

6. Feature

7. TRS

8. ARS

9. Private Network

10. CO & Incoming Call

11. Maintenance

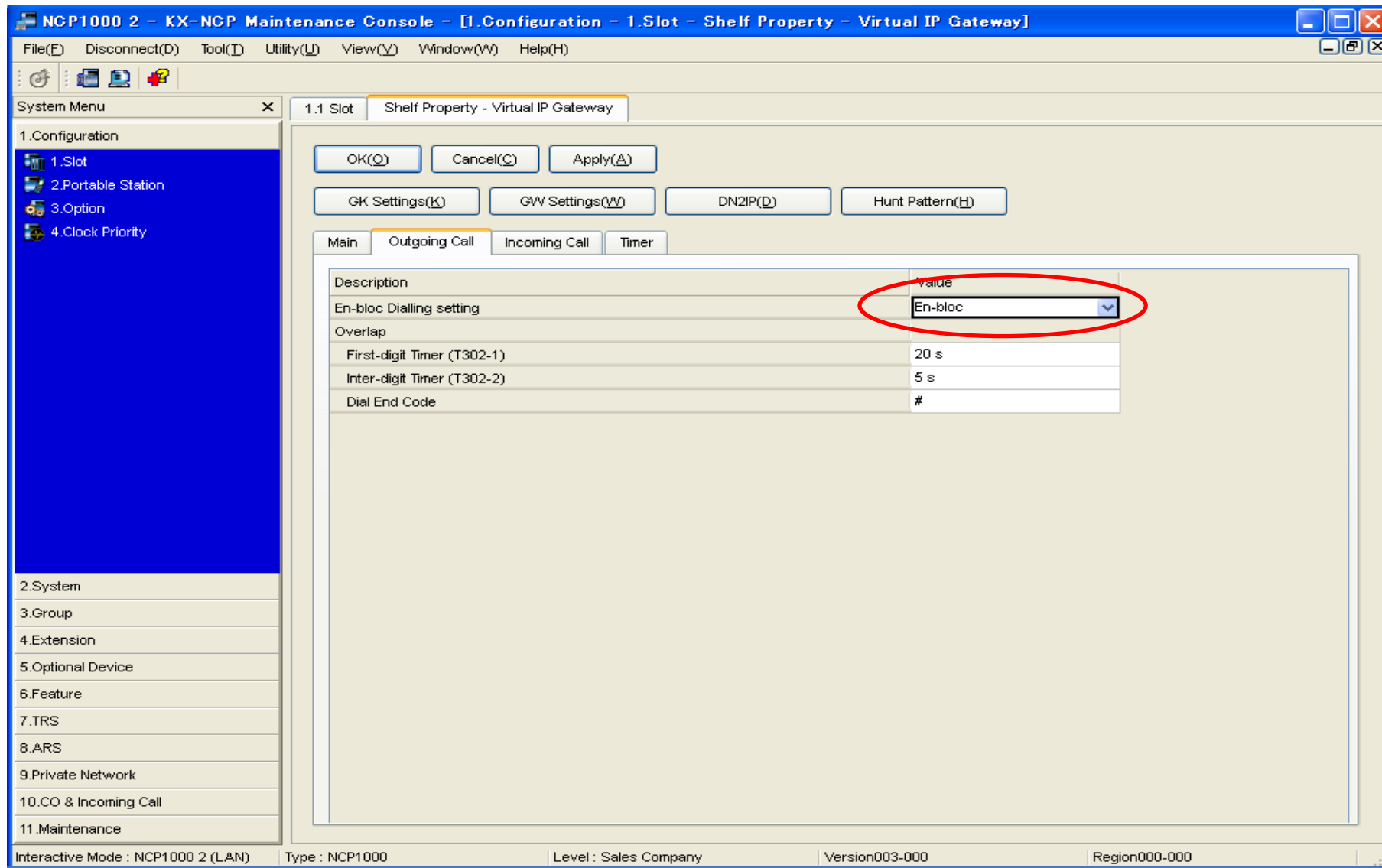
OK(O) Cancel(C) Apply(A)

No.	Leading Number (30 digits)	Remaining Number of Digits	GW No/GW Group Selection	GW Group	GW No.
1	1	0	GW No	1	1
2	2	0	GW No	1	2
3	3	0	GW No	1	1
4	4	0	GW No	1	1
5	5	0	GW No	1	1
6	6	0	GW No	1	1
7	7	0	GW No	1	1
8	8	0	GW No	1	1
9	9	0	GW No	1	1
10	0	0	GW No	1	1
11		0	GW No	1	1
12		0	GW No	1	1
13		0	GW No	1	1
14		0	GW No	1	1
15		0	GW No	1	1
16		0	GW No	1	1
17		0	GW No	1	1
18		0	GW No	1	1
19		0	GW No	1	1
20		0	GW No	1	1
21		0	GW No	1	1
22		0	GW No	1	1
23		0	GW No	1	1
24		0	GW No	1	1

Interactive Mode : NCP1000 2 (LAN) Type : NCP1000 Level : Installer Version003-000 Region000-000

# NCP1000 2 side

## 9) Change “En-block Dialing setting” to “En-block” INS V-IPGW16



# NCP1000 2 side

10) Open “System-Timers & Counters”  
Change “Extension Inter-digits(s)” to “4”

NCP1000 2 - KX-NCP Maintenance Console - [2. System - 3. Timers & Counters]

File(F) Disconnect(D) Tool(T) Utility(U) View(V) Window(W) Help(H)

System Menu x 1.1 Slot 2.3 Timers & Counters

1.Configuration  
2.System  
3.Timers & Counters  
4.Week Table  
5.Holiday Table  
6.Numbering Plan  
7.Class of Service  
8.Ring Tone Patterns  
9.System Options  
10.Extension CID Settings  
11.Audio Gain  
12.Tone

3.Group  
4.Extension  
5.Optional Device  
6.Feature  
7.TRS  
8.ARS  
9.Private Network  
10.CO & Incoming Call  
11.Maintenance

OK(O) Cancel(C) Apply(A)

Dial / IRNA / Recall / Tone DISA / Door / Reminder / U. Conf Miscellaneous

Automatic Redial

Repeat Counter : 10  
Repeat Interval (x10s) : 6  
Redial Call Ring Duration (x10s) : 3  
Analogue CO Mute / Busy Detection Timer (s) : 15

Dial

Hot Line (Pickup Dial) Start (s) : 1  
Extension First Digit (s) : 200  
Extension Inter-digit (s) : 4  
Analogue CO First Digit (s) : 10  
Analogue CO Inter-digit (s) : 5  
Analogue CO Call Duration Start (s) : 0

Intercept Routing No Answer (IRNA)

Day (s) : 40 Lunch (s) : 40  
Break (s) : 40 Night (s) : 40

Recall

Hold Recall (s) : 60  
Transfer Recall (s) : 60  
Call Park Recall (s) : 60  
Disconnect after Recall (x60s) : 30

Tone Length

Busy Tone / DND Tone (s) : 10  
Reorder Tone for PT Handset (s) : 10  
Reorder Tone for PT Hands-free (s) : 3

Interactive Mode : NCP1000 2 (LAN) Type : NCP1000 Level : Sales Company Version003-000 Region000-000

# NCP1000 2 side 11) Delete Leading number of NCP1000 “1”, TDE600 “2” and “4” for VM

NCP1000 2 - KX-NCP Maintenance Console - [2. System - 6. Numbering Plan - 1. Main]

File(F) Disconnect(D) Tool(T) Utility(U) View(V) Window(W) Help(H)

System Menu x 1.1 Slot 2.6.1 Main

1.Configuration  
2.System  
1.Date & Time  
2.Operator & BGM  
3.Timers & Counters  
4.Week Table  
5.Holiday Table  
6.Numbering Plan  
1.Main  
2.Quick Dial  
3.BNA DND Call Feature  
7.Class of Service  
8.Ring Tone Patterns  
9.System Options  
10.Extension CID Settings  
11.Audio Gain

3.Group  
4.Extension  
5.Optional Device  
6.Feature  
7.TRS  
8.ARS  
9.Private Network  
10.CO & Incoming Call  
11.Maintenance

OK(O) Cancel(C) Apply(A)

Extension Features Other PBX Extension KX-T7710

No.	Feature	Leading Number (3 digits)	No. of Additional Digits
1	Extension Numbering Scheme 01		XX
2	Extension Numbering Scheme 02		XX
3	Extension Numbering Scheme 03	3	XX
4	Extension Numbering Scheme 04		XX
5	Extension Numbering Scheme 05		XX
6	Extension Numbering Scheme 06		XX
7	Extension Numbering Scheme 07		XX
8	Extension Numbering Scheme 08		XX
9	Extension Numbering Scheme 09		XX
10	Extension Numbering Scheme 10		XX
11	Extension Numbering Scheme 11		XX
12	Extension Numbering Scheme 12		XX
13	Extension Numbering Scheme 13		XX
14	Extension Numbering Scheme 14		XX
15	Extension Numbering Scheme 15		XX
16	Extension Numbering Scheme 16		XX
17	Extension Numbering Scheme 17		XX
18	Extension Numbering Scheme 18		XX
19	Extension Numbering Scheme 19		XX
20	Extension Numbering Scheme 20		XX
21	Extension Numbering Scheme 21	5	XX
22	Extension Numbering Scheme 22	6	XX
23	Extension Numbering Scheme 23		XX

Interactive Mode : NCP1000 2 (LAN) Type : NCP1000 Level : Installer Version003-000 Region000-000

# NCP1000 2 side 12) Assign Leading number of NCP1000 “1”, TDE600 “2” and VM “4”

NCP1000 2 - KX-NCP Maintenance Console - [2. System - 6. Numbering Plan - 1. Main]

File(F) Disconnect(D) Tool(T) Utility(U) View(V) Window(W) Help(H)

System Menu x 1.1 Slot 2.6.1 Main

1.Configuration  
2.System  
3.Date & Time  
4.Operator & BGM  
5.Timers & Counters  
6.Week Table  
7.Holiday Table  
8.Numbering Plan  
9.1.Main  
10.2.Quick Dial  
11.3.BNA DND Call Feature  
12.7.Class of Service  
13.8.Ring Tone Patterns  
14.9.System Options  
15.10.Extension CID Settings  
16.11.Audio Gain

3.Group  
4.Extension  
5.Optional Device  
6.Feature  
7.TRS  
8.ARS  
9.Private Network  
10.CO & Incoming Call  
11.Maintenance

OK(O) Cancel(C) Apply(A)

Extension Features Other PBX Extension KX-T7710

No.	Feature	Dial (3 digits)
1	Other PBX Extension Numbering (TIE) 01	1
2	Other PBX Extension Numbering (TIE) 02	2
3	Other PBX Extension Numbering (TIE) 03	4
4	Other PBX Extension Numbering (TIE) 04	
5	Other PBX Extension Numbering (TIE) 05	
6	Other PBX Extension Numbering (TIE) 06	
7	Other PBX Extension Numbering (TIE) 07	
8	Other PBX Extension Numbering (TIE) 08	
9	Other PBX Extension Numbering (TIE) 09	
10	Other PBX Extension Numbering (TIE) 10	
11	Other PBX Extension Numbering (TIE) 11	
12	Other PBX Extension Numbering (TIE) 12	
13	Other PBX Extension Numbering (TIE) 13	
14	Other PBX Extension Numbering (TIE) 14	
15	Other PBX Extension Numbering (TIE) 15	
16	Other PBX Extension Numbering (TIE) 16	

Interactive Mode : NCP1000 2 (LAN) Type : NCP1000 Level : Installer Version003-000 Region000-000

# NCP1000 2 side

## 13) Assign V-IP Trunk Group “7”

**NCP1000 2 - KX-NCP Maintenance Console - [10. CO & Incoming Call - 1. CO Line Settings]**

File(F) Disconnect(D) Tool(T) Utility(U) View(V) Window(W) Help(H)

System Menu x 1.1 Slot 10.1 CO Line Settings

OK(O) Cancel(C) Apply(A)

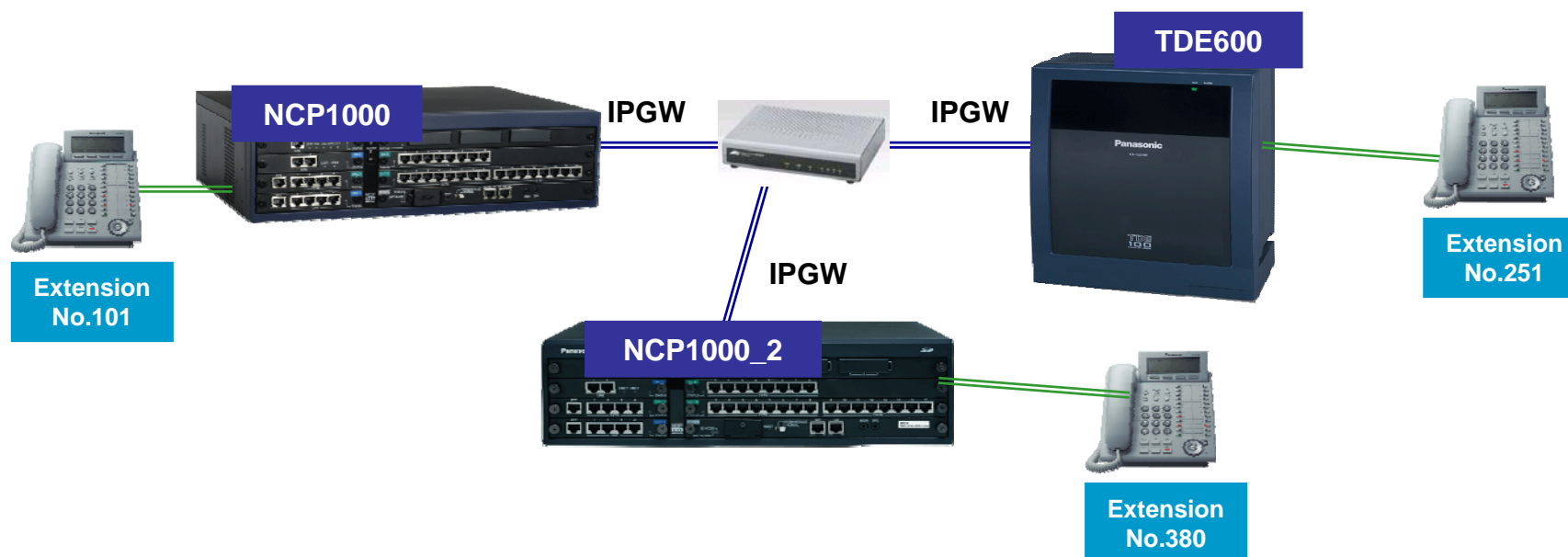
**V-IPGW16 Trunk Group assigned “7” as default from Ver4**

-	CO Line Number	Shelf	Slot	Port	Card Type	CO Name (20 characters)	Trunk Group Number
	59	Physical	4	1	PRI30		1
	60	Physical	4	1	PRI30		1
	61	Physical	4	1	PRI30		1
	62	Physical	4	1	PRI30		1
	63	Physical	4	1	PRI30		1
	64	Physical	4	1	PRI30		1
	65	Virtual	1	1	V-IPGW16		7
	66	Virtual	1	1	V-IPGW16		7
	67	Virtual	1	2	V-IPGW16		7
	68	Virtual	1	2	V-IPGW16		7
	69	Virtual	1	3	V-IPGW16		7
	70	Virtual	1	3	V-IPGW16		7
	71	Virtual	1	4	V-IPGW16		7
	72	Virtual	1	4	V-IPGW16		7
	73	Virtual	1	5	V-IPGW16		7
	74	Virtual	1	5	V-IPGW16		7
	75	Virtual	1	6	V-IPGW16		7
	76	Virtual	1	6	V-IPGW16		7
	77	Virtual	1	7	V-IPGW16		7
	78	Virtual	1	7	V-IPGW16		7
	79	Virtual	1	8	V-IPGW16		7
	80	Virtual	1	8	V-IPGW16		7

Interactive Mode : NCP1000 2 (LAN) Type : NCP1000 Level : Sales Company Version003-000 Region000-000

# How to set up Networking DSS?

**Ext 101 and Ext 380 want to monitor Ext 251**





# NCP1000 side 1) Assign Network EXT No “251”.

NCP1000 - KX-NCP Maintenance Console - [9. Private Network - 4. NDSS Key Table]

File(F) Disconnect(D) Tool(T) Utility(U) View(V) Window(W) Help(H)

System Menu x 9.4 NDSS Key Table

1.Configuration  
2.System  
3.Group  
4.Extension  
5.Optional Device  
6.Feature  
7.TRS  
8.ARS  
9.Private Network  
10.CO & Incoming Call  
11.Maintenance

1.TIE Table  
2.Network Data Transmission  
3.Network Operator (VoIP)  
4.NDSS Key Table

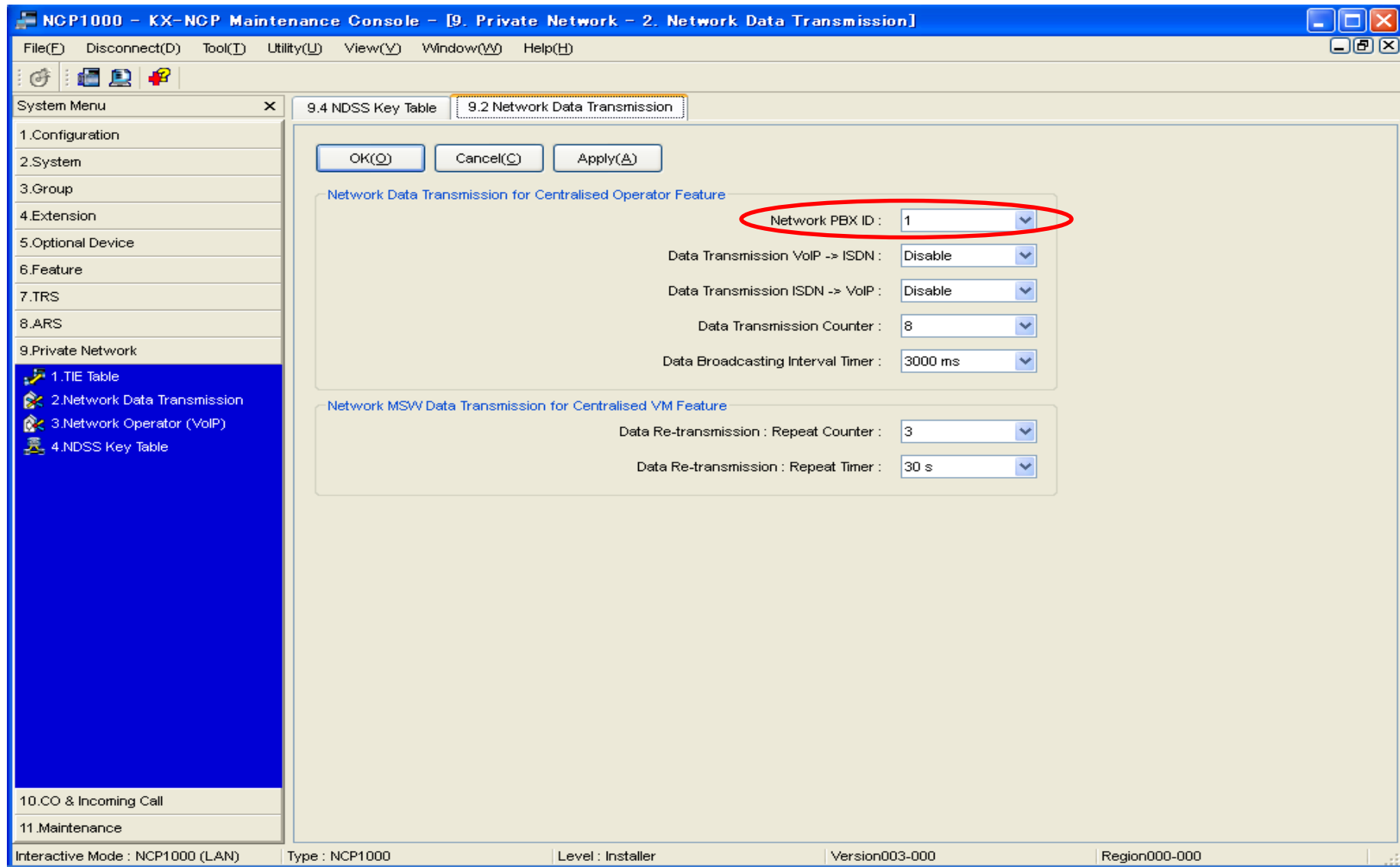
OK(O) Cancel(C) Apply(A)

NDSS Clear(R)

No.	Network Extension No. (16 digit)	Network Extension Name for Programming Reference (20 characters)	Network PBX ID of Network Extension to be monitored
1	251	TDE600 251	
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			

Interactive Mode : NCP1000 (LAN) Type : NCP1000 Level : Installer Version003-000 Region000-000

## NCP1000 side 2) Assign Network PBX ID “1”.



# NCP1000 side

## 3) Assign NDSS Key to EXT 101 “NDSS 251”

NCP1000 - KX-NCP Maintenance Console - [4. Extension - 1. Wired Extension - 4. Flexible Button]

File(F) Disconnect(D) Tool(T) Utility(U) View(V) Window(W) Help(H)

System Menu x 9.4 NDSS Key Table 9.2 Network Data Transmission 4.1.4 Flexible Button

1. Configuration  
2. System  
3. Group  
4. Extension  
5. Optional Device  
6. Feature  
7. TRS  
8. ARS  
9. Private Network  
10. CO & Incoming Call  
11. Maintenance

1. Wired Extension  
1. Extension Settings  
2. FWD/DND  
3. Speed Dial  
4. Flexible Button  
5. PF Button  
6. NDSS Link Data - Send  
7. Simplified Voice Message  
2. Portable Station  
3. DSS Console

OK(O) Cancel(C) Apply(A) Copy to(I) Key Label Print(P)  
Extension Number / Name 101 / Form(E) Key Label File  
Display Option  
Key Setting  
Key Setting & Key Label Name  
When Label Name is not programmed in this PC.  
- Extension name or number is displayed for DSS key  
- Speed dial name or programmed telephone number is displayed for one touch key.  
- Above key setting with parameter is displayed for other keys.  
Telephone Type  
T7633 / T7636

Key Location	Type	Parameter Selection	Extension Number	Extension Name	Dial (Max. 32 digits)
1	Voice Mail Transfer		400	Voicemail 1	
2	NDSS				251
3	Single CO	03 :			
4	Single CO	04 :			
5	Single CO	05 :			
6	Single CO	06 :			
7	Single CO	07 :			
8	Single CO	08 :			
9	Single CO	09 :			
10	Single CO	10 :			
11	Single CO	11 :			
12	Single CO	12 :			
13	Single CO	48 :			
14	Single CO	49 :			

Interactive Mode : NCP1000 (LAN) Type : NCP1000 Level : Installer Version 003-000 Region 000-000

# NCP1000 2 side

1) Assign Network EXT No “251”.

NCP1000 2 - KX-NCP Maintenance Console - [9. Private Network - 4. NDSS Key Table]

File(F) Disconnect(D) Tool(T) Utility(U) View(V) Window(W) Help(H)

System Menu x 1.1 Slot 9.4 NDSS Key Table

1.Configuration  
2.System  
3.Group  
4.Extension  
5.Optional Device  
6.Feature  
7.TRS  
8.ARS  
9.Private Network  
10.CO & Incoming Call  
11.Maintenance

1.TIE Table  
2.Network Data Transmission  
3.Network Operator (VoIP)  
4.NDSS Key Table

OK(O) Cancel(C) Apply(A)

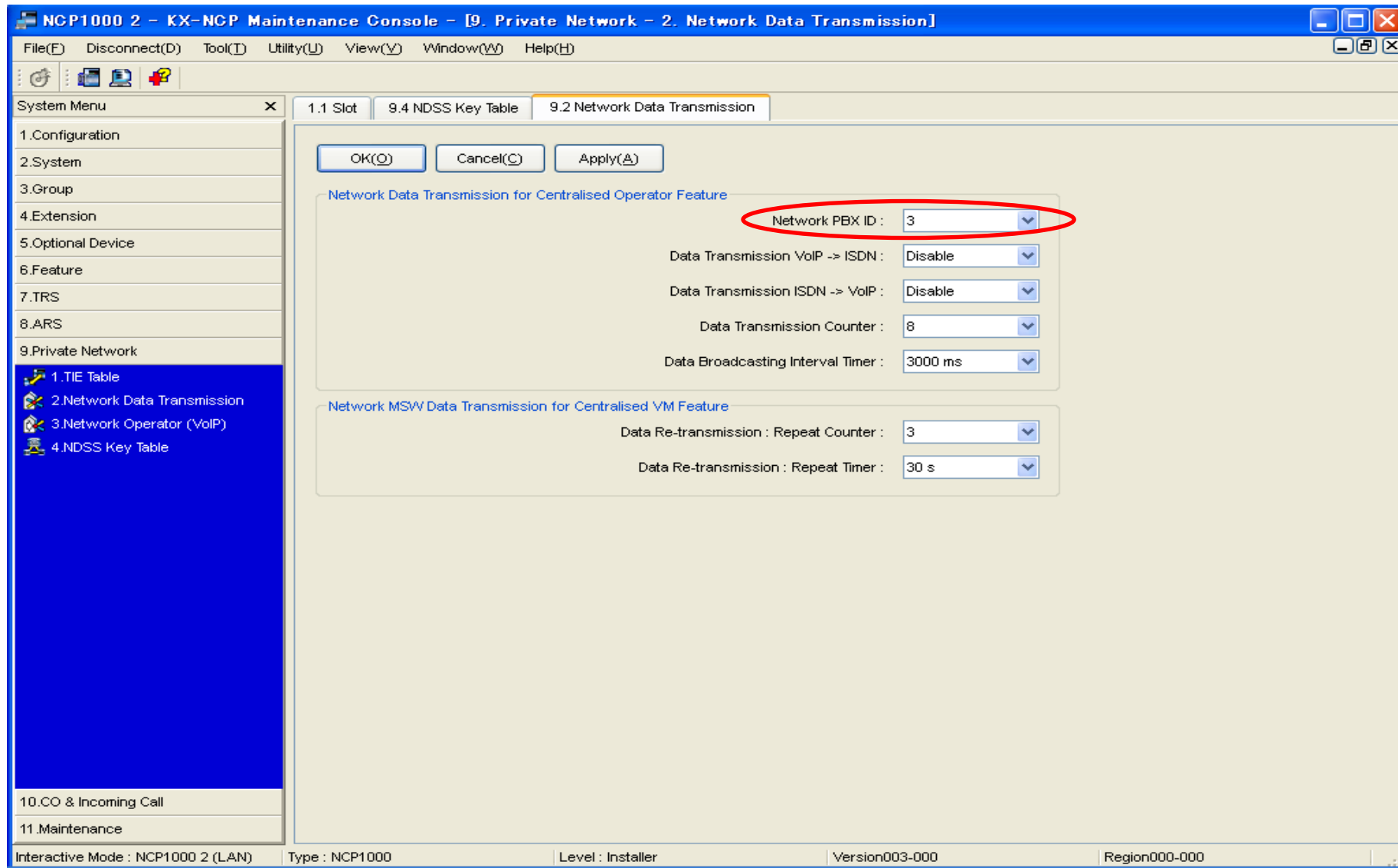
NDSS Clear(R)

No.	Network Extension No. (16 digit)	Network Extension Name for Programming Reference (20 characters)	Network PBX ID of Network Extension to be monitored
1	251	TDE600 251	
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			

Interactive Mode : NCP1000 2 (LAN) Type : NCP1000 Level : Installer Version003-000 Region000-000

# NCP1000 2 side

## 2) Assign Network PBX ID “3”.



# NCP1000 2 side

## 3) Assign NDSS Key to EXT 380 "NDSS 251"

NCP1000 2 - KX-NCP Maintenance Console - [4. Extension - 1. Wired Extension - 4. Flexible Button]

File(F) Disconnect(D) Tool(T) Utility(U) View(V) Window(W) Help(H)

System Menu x 1.1 Slot 4.1.4 Flexible Button


1.Configuration  
2.System  
3.Group  
4.Extension

1. Wired Extension  
1. Extension Settings  
2.FWD/DND  
3.Speed Dial  
4.Flexible Button  
5.PF Button  
6.NDSS Link Data - Send  
7.Simplified Voice Message  
2.Portable Station  
3.DSS Console

5.Optional Device  
6.Feature  
7.TRS  
8.ARS  
9.Private Network  
10.CO & Incoming Call  
11.Maintenance

OK(O) Cancel(C) Apply(A) Copy to(I) Key Label Print(P)  
Extension Number/ Name 380 / Form(E) Key Label File

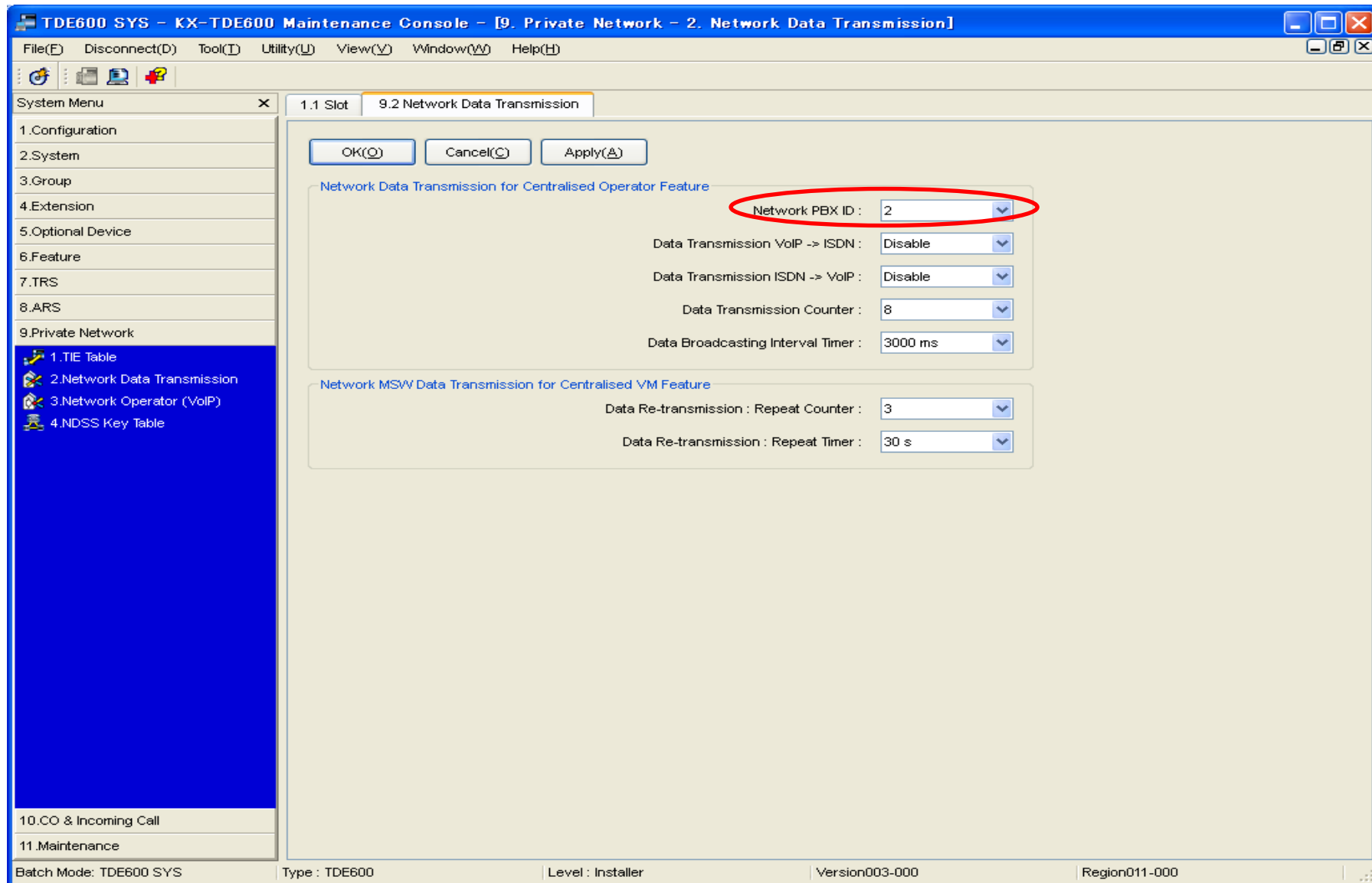
Display Option  
☒ Key Setting  
☐ Key Setting & Key Label Name  
 When Label Name is not programmed in this PC.  
 - Extension name or number is displayed for DSS key  
 - Speed dial name or programmed telephone number is displayed for one touch key.  
 - Above key setting with parameter is displayed for other keys.

Telephone Type  
  
 T7633 / T7636

Key Location	Type	Parameter Selection	Extension Number	Extension Name	Dial (Max. 32 digits)
1	Voice Mail Transfer		400		
2	NDSS				251
3	Single CO	03 :			
4	Single CO	04 :			
5	Single CO	05 :			
6	Single CO	06 :			
7	Single CO	07 :			
8	Single CO	08 :			
9	Single CO	09 :			
10	Single CO	10 :			
11	Single CO	11 :			
12	Single CO	12 :			
13	Single CO	13 :			
14	Single CO	14 :			

Interactive Mode : NCP1000 2 (LAN) Type : NCP1000 Level : Installer Version003-000 Region000-000

# TDE600 side 1) Assign Network PBX ID “2”.



# TDE600 side

2) Assign Monitored EXT No “101” and “380”  
And slot No of GW

TDE600 - KX-TDE600 Maintenance Console - [9. Private Network - 3. Network Operator (VoIP)]

File(F) Disconnect(D) Tool(T) Utility(U) View(V) Window(W) Help(H)

System Menu x

- 1. Configuration
- 2. System
- 3. Group
- 4. Extension
- 5. Optional Device
- 6. Feature
- 7. TRS
- 8. ARS
- 9. Private Network
  - 1. TIE Table
  - 2. Network Data Transmission
  - 3. Network Operator (VoIP)
  - 4. NDSS Key Table
- 10. CO & Incoming Call
- 11. Maintenance

9.2 Network Data Transmission 9.3 Network Operator (VoIP)

OK(O) Cancel(C) Apply(A)

No.	Network Operator Extension No. (1S digits)	IP-GW Card Slot No. to notify BLF data to Network Operator
1	101	V4
2	380	V4
3		Undefined
4		Undefined
5		Undefined
6		Undefined
7		Undefined
8		Undefined

Interactive Mode : TDE600 (LAN) Type : TDE600 Level : Installer Version003-000 Region000-000

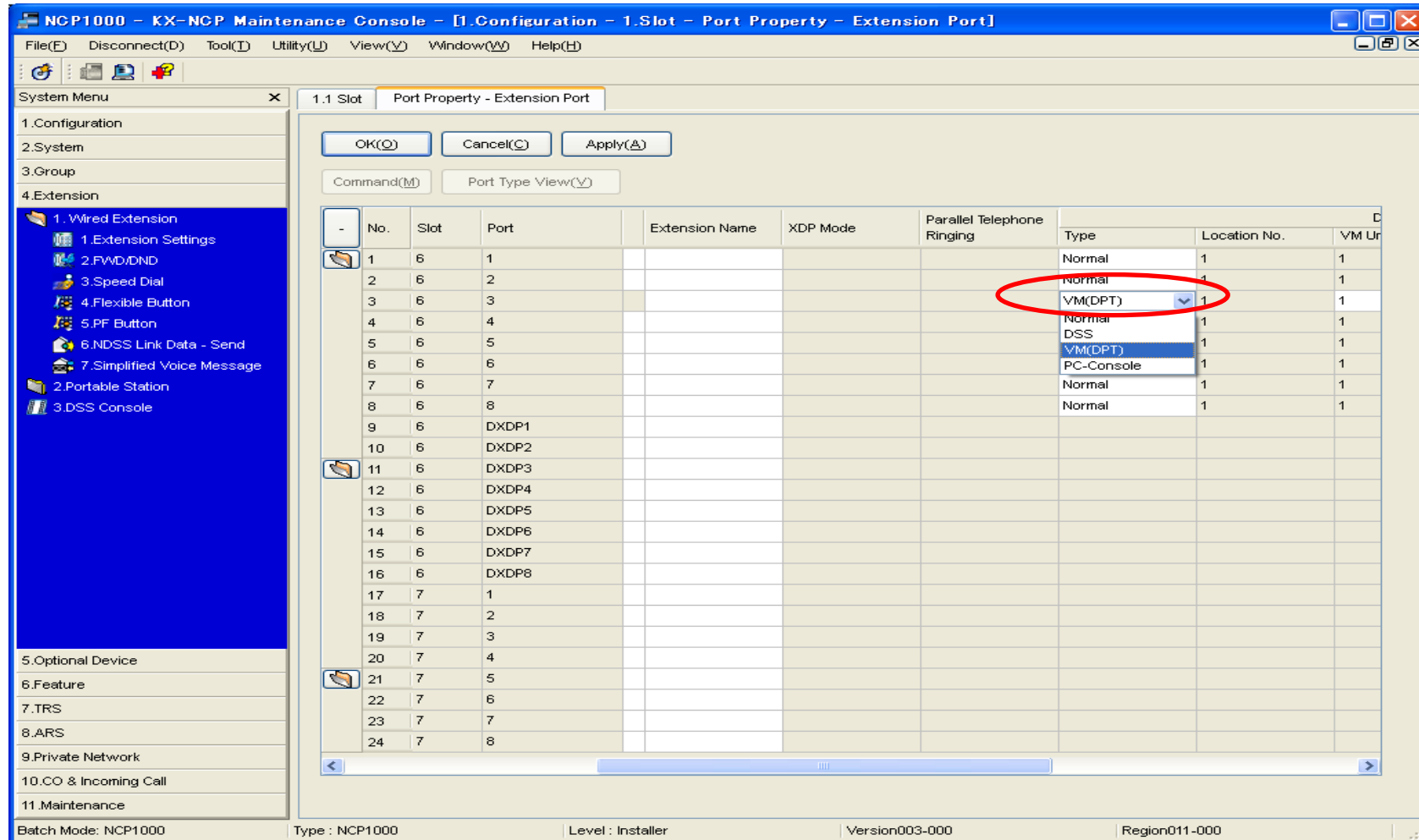


## How to set up Centralized VM?

# PBX side set up to make connection to VM

## NCP1000 side

- 1) "OUS" the port connect TVM
- 2) Change port type from "Normal" to "VM(DPT)"
- 3) "INS" the port



# PBX side set up to make connection to VM

## NCP1000 side

### 4) Change VM EXT number to "400"

The screenshot shows the 'NCP1000 - KX-NCP Maintenance Console' window. The title bar indicates the current path: '[3. Group - 7. VM(DPT) Group - 2. Unit Settings]'. The left sidebar shows a tree view with '3. Group' expanded, and '2. Unit Settings' selected. The main area displays the '3.7.2 Unit Settings' dialog. At the top of the dialog are buttons: 'OK(O)', 'Cancel(C)', 'Apply(A)', 'Extension List View(L)', and 'Member List(M)'. Below these are two tables. The first table, 'VM Unit No.', has columns 'VM Unit No.', 'Floating Extension No.', and 'Group Name (20 characters)'. It contains two rows: VM Unit 1 with Floating Extension No. 400 (circled in red) and Group Name 'Voicemail 1'; and VM Unit 2 with Floating Extension No. (empty) and Group Name 'Voicemail 2'. Below this is a section titled 'Centralised VM Unit Setting' with a similar table. The status bar at the bottom shows: 'Batch Mode: NCP1000', 'Type: NCP1000', 'Level: Installer', 'Version003-000', and 'Region011-000'.

VM Unit No.	Floating Extension No.	Group Name (20 characters)
1	400	Voicemail 1
2		Voicemail 2

VM Unit No.	Floating Extension No. (TIE)	Group Name (20 characters)
1		
2		

# PBX side set up to make connection to VM

## TDE600 side

### 1) Delete Floating Extension No

The screenshot shows the TDE600 Maintenance Console interface. The title bar reads 'TDE600 - KX-TDE600 Maintenance Console - [3. Group - 7. VM(DPT) Group - 2. Unit Settings]'. The menu bar includes File(F), Disconnect(D), Tool(T), Utility(U), View(V), Window(W), and Help(H). The left sidebar shows a 'System Menu' with options: 1.Configuration, 2.System, 3.Group, 4.Extension, 5.Optional Device, 6.Feature, 7.TRS, 8.ARS, 9.Private Network, 10.CO & Incoming Call, and 11.Maintenance. Under '3.Group', there is a list of groups: 1.Trunk Group, 2.User Group, 3.Call Pickup Group, 4.Paging Group, 5.Incoming Call Distribution Group, 6.Extension Hunting Group, 7.VM(DPT) Group (selected), 8.VM(DTMF) Group, 9.PS Ring Group, and 10.Conference Group. The main area is titled '3.7.2 Unit Settings' and contains a table of VM Unit No. and Floating Extension No. The table has 8 rows, with the first row circled in red. Below the table is a section for 'Centralised VM Unit Setting' with a table of VM Unit No. and Floating Extension No. (TIE). The status bar at the bottom shows 'Interactive Mode : TDE600 (LAN)', 'Type : TDE600', 'Level : Installer', 'Version003-000', and 'Region000-000'.

VM Unit No.	Floating Extension No.	Group Name (20 characters)
1		Voicemail 1
2		Voicemail 2
3		Voicemail 3
4		Voicemail 4
5		Voicemail 5
6		Voicemail 6
7		Voicemail 7
8		Voicemail 8

Centralised VM Unit Setting

VM Unit No.	Floating Extension No. (TIE)	Group Name (20 characters)
1	400	
2		

# PBX side set up to make connection to VM

## NCP1000 2 side

### 1) Delete Floating Extension No

NCP1000 2 - KX-NCP Maintenance Console - [3. Group - 7. VM(DPT) Group - 2. Unit Settings]

File(F) Disconnect(D) Tool(T) Utility(U) View(V) Window(W) Help(H)

System Menu

- 1.Configuration
- 2.System
- 3.Group
  - 1.Trunk Group
  - 2.User Group
  - 3.Call Pickup Group
  - 4.Paging Group
  - 5.Incoming Call Distribution Group
  - 6.Extension Hunting Group
  - 7.VM(DPT) Group
    - 1.System Settings
    - 2.Unit Settings
  - 8.VM(DTMF) Group
  - 9.PS Ring Group
  - 10.Conference Group
- 4.Extension
- 5.Optional Device
- 6.Feature
- 7.TRS
- 8.ARS
- 9.Private Network
- 10.CO & Incoming Call
- 11.Maintenance

1.1 Slot 3.7.2 Unit Settings

OK(O) Cancel(C) Apply(A) Extension List View(L) Member List(M)

VM Unit No.	Floating Extension No.	Group Name (20 characters)
1		Voicemail
2		Voicemail 2

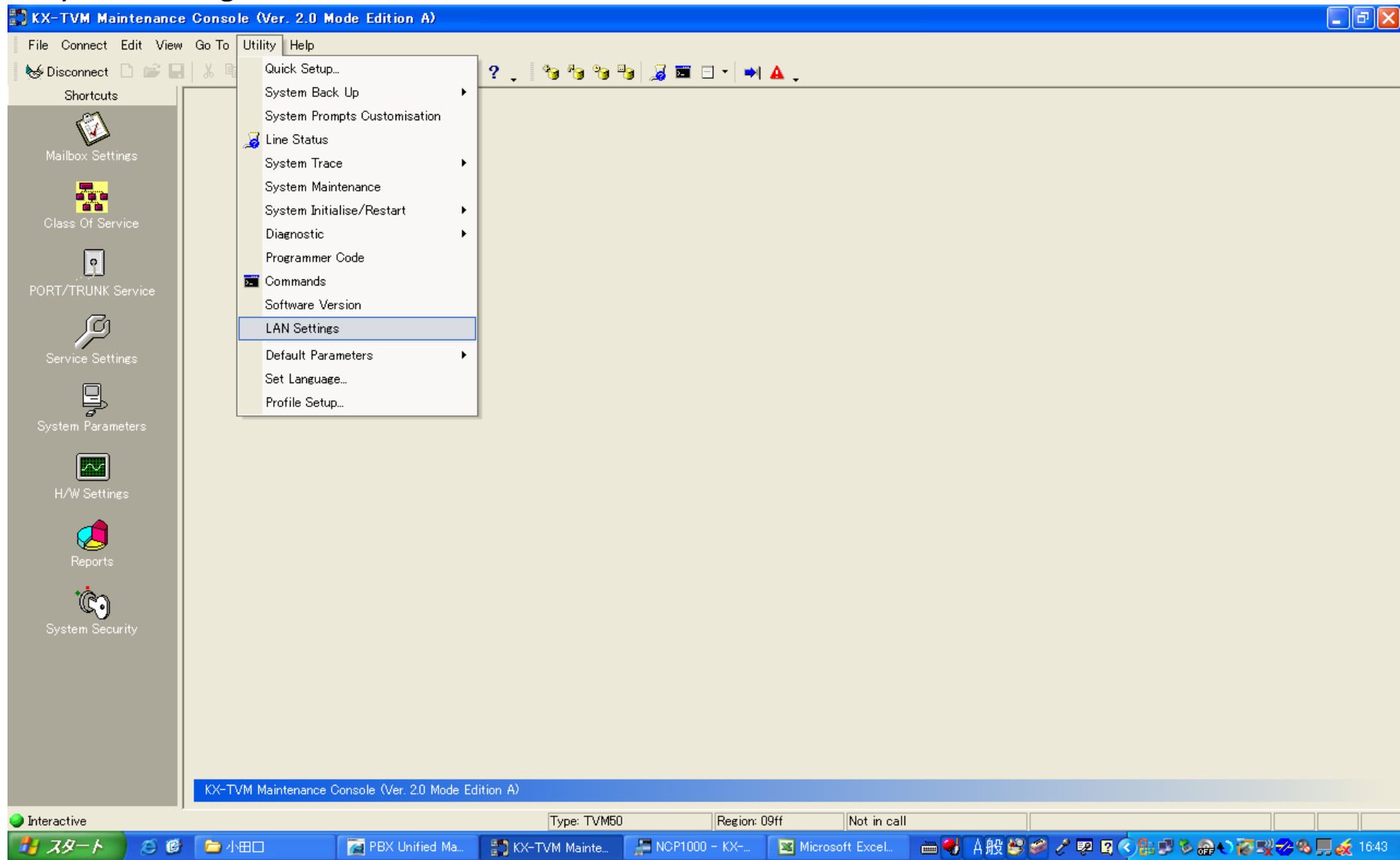
Centralised VM Unit Setting

VM Unit No.	Floating Extension No. (TIE)	Group Name (20 characters)
1	400	
2		

Interactive Mode : NCP1000 2 (LAN) Type : NCP1000 Level : Installer Version003-000 Region000-000

# VM side set up TVM and to create mail box by quick set up

## 1) LAN setting



# VM side set up TVM and to create mail box by quick set up

## 2) Assign IP address

The screenshot shows the KX-TVM Maintenance Console (Ver. 2.0 Mode Edition A) interface. A 'LAN Settings' dialog box is open, prompting the user to enter TCP/IP settings for the TVM device. The dialog box has two main sections: 'IP Address' and 'DNS Server'. In the 'IP Address' section, the 'Use the following IP address' radio button is selected. The IP Address field is set to 192.168.0.11, the Subnet Mask is 255.255.255.0, and the Default Gateway is 192.168.0.101. A red oval highlights the IP Address field, and an arrow points to it with the text 'IP address of connected PBX'. The 'DNS Server' section has the 'Use the following DNS server addresses' radio button selected, with fields for Preferred DNS Server and Alternate DNS Server. At the bottom of the dialog box, there is an 'Advanced Settings' section with 'OK' and 'Cancel' buttons. The background of the console shows a sidebar with various settings categories like Mailbox Settings, Class Of Service, PORT/TRUNK Service, Service Settings, System Parameters, H/W Settings, Reports, and System Security. The bottom status bar shows 'Type: TVM50', 'Region: 09ff', and 'Not in call'.

**LAN Settings**

Please enter TCP/IP Settings for TVM Device.

☐ Obtain an IP address automatically

☒ Use the following IP address:

IP Address:	192	168	0	11
Subnet Mask:	255	255	255	0
Default Gateway:	192	168	0	101

☐ Obtain DNS server address automatically

☒ Use the following DNS server addresses:

Preferred DNS Server:

Alternate DNS Server:

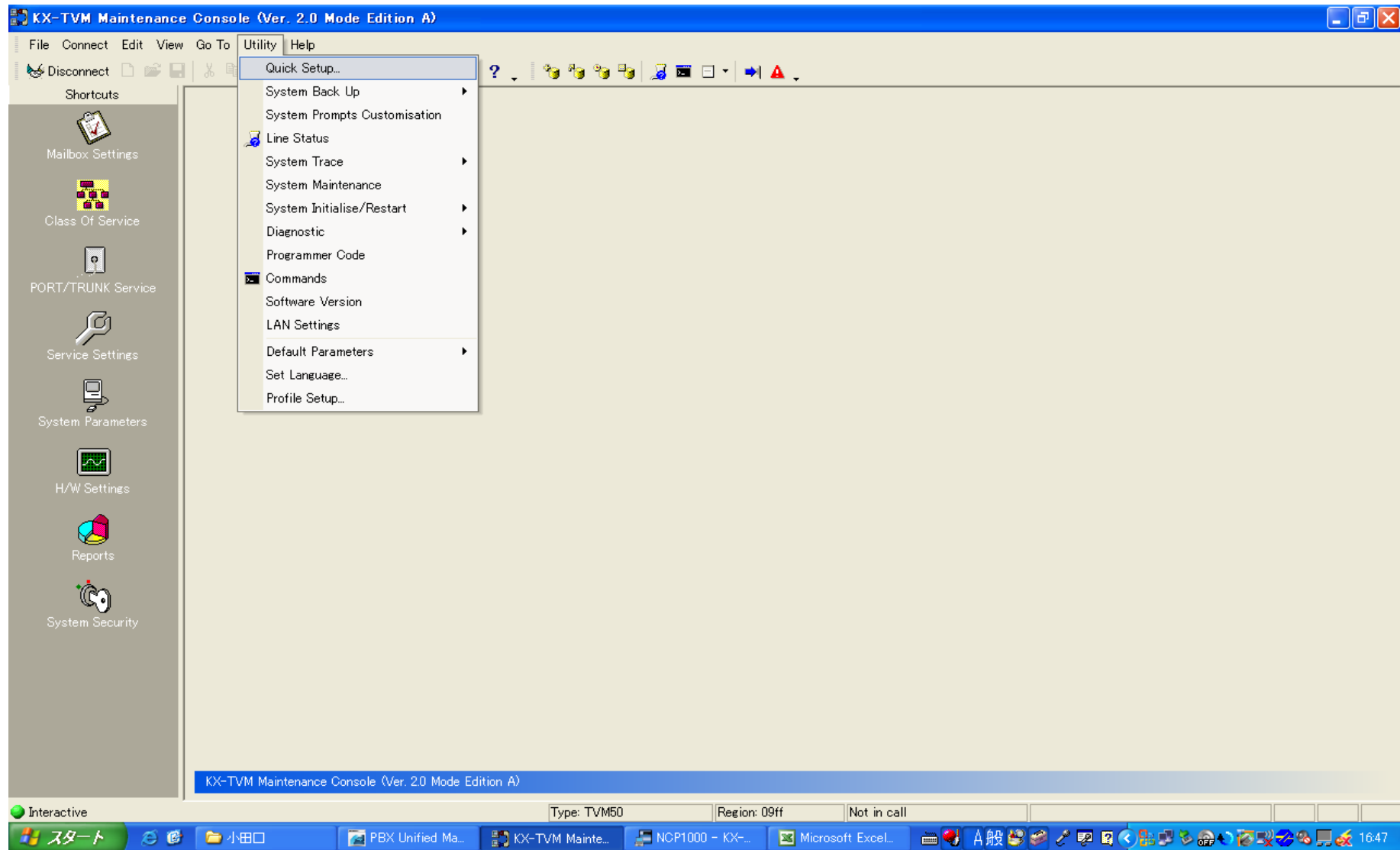
Advanced Settings

OK Cancel

IP address of connected PBX

# VM side set up TVM and to create mail box by quick set up

## 3) Activate quick set up





# VM side set up TVM and to create mail box by quick set up

## 4) Maximum Extension Number Length to “8”

The screenshot displays the KX-TVM Maintenance Console (Ver. 2.0 Mode Edition A) interface. A 'Quick Setup - PBX Environment' dialog box is open, showing a list of parameters for the PBX environment. The 'Maximum Extension Number Length [2-8 digits]' parameter is highlighted, and its value is set to 8. The dialog box includes a 'Back' button, a 'Next >' button, a 'Cancel' button, and a 'Help' button.

Parameter	Value
<b>PBX Environment</b>	
PBX Type	KX-TDA/TDE/NCP
Integration Mode	DPT
Maximum Extension Number Length [2-8 digits]	8
Extension Number of VPS Port [2-8 digits]	Click to edit...
Operator Transfer Sequence (Up to 16 digits / [0-9 * # D R F T X , :])	FX
Extension Transfer Sequence (Up to 16 digits / [0-9 * # D R F T X , :])	FX
Alternate Extension Transfer Sequence (Up to 16 digits / [0-9 * # D R F T X , :])	FX
Reconnect Sequence on Busy (Up to 16 digits / [0-9 * # D R F T X , :])	F
Reconnect Sequence on No Answer (Up to 16 digits / [0-9 * # D R F T X , :])	F
Reconnect Sequence on Refuse Call (Up to 16 digits / [0-9 * # D R F T X , :])	F
Light-On Sequence for Message Waiting Lamp (Up to 16 digits / [0-9 * # D R F T X , :])	
Light-Off Sequence for Message Waiting Lamp (Up to 16 digits / [0-9 * # D R F T X , :])	
Message Waiting Lamp Retry Time (0-5 times)	2
Message Waiting Lamp Interval Time (1-60 min)	1
Call Waiting Sequence (Up to 16 digits / [0-9 * # D R F T X , :])	1
Release Sequence for Call Waiting (Up to 16 digits / [0-9 * # D R F T X , :])	F
Receiving Caller ID	Enable
Waiting Time for Receiving Caller ID (0-10 s)	0

At the bottom of the console, the status bar shows 'Type: TVM50', 'Region: 09ff', and 'Not in call'. The Windows taskbar at the bottom displays the Start button and several open applications, including 'PBX Unified Ma...', 'KX-TVM Mainte...', 'NCP1000 - KX-...', and 'Microsoft Excel...'.

# VM side set up TVM and to create mail box by quick set up

5) Create mail box for the EXT by manual

6) Assign Mail box No. “101” for Ext101, “105” for Ext301 and “107” for Ext2001

**KX-TVM Maintenance Console (Ver. 2.0 Mode Edition A)**

File Connect Edit View Go To Utility Help

Disconnect Disconnect Back Forward ? [Icons]

Shortcuts

- Mailbox Settings
- Class Of Service
- PORT/TRUNK Service
- Service Settings
- System Parameters
- H/W Settings
- Reports
- System Security

**Mailbox Settings**

**Manage All Mailboxes In The System**

Add Mailbox... Add Range... Delete Mailbox Edit Mailbox...

Mailbox...	First Name	Last Na...	Extension	Class Of Serv...	Covering Ext...	Interview Mail...	All Ca...	Call Transfer...	No Answer TI...	Call Transfer ...	Incomplete Ca...	Incomplete Ca...
101	Operator		101	1			No	System	System	Click to edit...	Click to edit...	Click to edit...
102	Staff 1		102	1			No	System	System	Click to edit...	Click to edit...	Click to edit...
104	Staff 2		111	1			No	System	System	Click to edit...	Click to edit...	Click to edit...
105			301	1			No	System	System	Click to edit...	Click to edit...	Click to edit...
106			201	1			No	System	System	Click to edit...	Click to edit...	Click to edit...
107			2001	1			No	System	System	Click to edit...	Click to edit...	Click to edit...
108			79521001	1			No	System	System	Click to edit...	Click to edit...	Click to edit...
109			7953101	1			No	System	System	Click to edit...	Click to edit...	Click to edit...
601	Ope		601	1			No	System	System	Click to edit...	Click to edit...	Click to edit...
998	Message Manag...		9	63			No	System	System	Click to edit...	Click to edit...	Click to edit...
999	System Manager			64			No	System	System	Click to edit...	Click to edit...	Click to edit...

**Mailbox Parameters** Notification Parameters External M.D. / Auto F. / Personal Custom Service Personal Distribution List Remote Call / Automatic Login E-mail Option

KX-TVM Maintenance Console (Ver. 2.0 Mode Edition A) OK Cancel Apply

Interactive Type: TVM50 Region: 09ff Not in call Mailbox Count: 11

スタート 小田口 PBX Unified Ma... KX-TVM Mainte... NCP1000 - KX... Microsoft Excel... 16:52

## How to set up VM access key? (Voice Mail Transfer Key)

# PBX side set up to access to VM by VMT key

## NCP1000 side

### 1)Assign VMT key with VM EXT No. "400"

NCP1000 - KX-NCP Maintenance Console - [4. Extension - 1. Wired Extension - 4. Flexible Button]

File(F) Disconnect(D) Tool(T) Utility(U) View(V) Window(W) Help(H)

System Menu

- 1. Configuration
- 2. System
- 3. Group
- 4. Extension
  - 1. Wired Extension
    - 1. Extension Settings
    - 2. FWD/DND
    - 3. Speed Dial
    - 4. Flexible Button
    - 5. PF Button
    - 6. NDSS Link Data - Send
    - 7. Simplified Voice Message
  - 2. Portable Station
  - 3. DSS Console
- 5. Optional Device
- 6. Feature
- 7. TRS
- 8. ARS
- 9. Private Network
- 10. CO & Incoming Call
- 11. Maintenance

9.4 NDSS Key Table 9.2 Network Data Transmission 4.1.4 Flexible Button

OK(O) Cancel(C) Apply(A) Copy to(T) Key Label Print(P)

Extension Number / Name 101 /

Form(E) Key Label File

Display Option

- ☒ Key Setting
- ☐ Key Setting & Key Label Name

When Label Name is not programmed in this PC.

- Extension name or number is displayed for DSS key
- Speed dial name or programmed telephone number is displayed for one touch key.
- Above key setting with parameter is displayed for other keys.

Telephone Type

T7633 / T7636

Key Location	Type	Parameter Selection	Extension Number	Extension Name	Dial (Max. 32 digits)
1	Voice Mail Transfer		400	VoiceMail 1	
2	NDSS				251
3	Single CO	03 :			
4	Single CO	04 :			
5	Single CO	05 :			
6	Single CO	06 :			
7	Single CO	07 :			
8	Single CO	08 :			
9	Single CO	09 :			
10	Single CO	10 :			
11	Single CO	11 :			
12	Single CO	12 :			
13	Single CO	48 :			
14	Single CO	49 :			

Interactive Mode : NCP1000 (LAN) Type : NCP1000 Level : Installer Version003-000 Region000-000

# PBX side set up to access to VM by VMT key

## TDE600 side

### 1)Assign Centralized VM Unit Setting “400”

The screenshot shows the 'TDE600 - KX-TDE600 Maintenance Console - [3. Group - 7. VM(DPT) Group - 2. Unit Settings]' window. The left sidebar shows a tree view with '3. Group' expanded, and '7. VM(DPT) Group' selected. The main area displays the '3.7.2 Unit Settings' tab. At the top are buttons: OK(O), Cancel(C), Apply(A), Extension List View(L), and Member List(M). Below these are two tables.

VM Unit No.	Floating Extension No.	Group Name (20 characters)
1		Voicemail 1
2		Voicemail 2
3		Voicemail 3
4		Voicemail 4
5		Voicemail 5
6		Voicemail 6
7		Voicemail 7
8		Voicemail 8

Centralised VM Unit Setting

VM Unit No.	Floating Extension No. (TIE)	Group Name (20 characters)
1	400	
2		

The first row of the 'Centralised VM Unit Setting' table is circled in red, indicating the assignment of extension 400 to VM Unit 1.

Interactive Mode : TDE600 (LAN) | Type : TDE600 | Level : Installer | Version003-000 | Region000-000

# PBX side set up to access to VM by VMT key

TDE600 side

2)Assign VMT key with VM EXT No. "400"

TDE600 - KX-TDE600 Maintenance Console - [4. Extension - 1. Wired Extension - 4. Flexible Button]

File(F) Disconnect(D) Tool(T) Utility(U) View(V) Window(W) Help(H)

System Menu X 1.1 Slot 4.1.4 Flexible Button

1.Configuration  
2.System  
3.Group  
4.Extension  
5.Optional Device  
6.Feature  
7.TRS  
8.ARS  
9.Private Network  
10.CO & Incoming Call  
11.Maintenance

1. Wired Extension  
1. Extension Settings  
2.FWD/DND  
3.Speed Dial  
4.Flexible Button  
5.PF Button  
6.NDSS Link Data - Send  
7.Simplified Voice Message  
2.Portable Station  
3.DSS Console

OK(O) Cancel(C) Apply(A) Copy to(T) Key Label Print(P)  
Extension Number/ Name 251 / Form(F) Key Label File

Display Option  
☒ Key Setting  
☐ Key Setting & Key Label Name  
When Label Name is not programmed in this PC.  
- Extension name or number is displayed for DSS key  
- Speed dial name or programmed telephone number is displayed for one touch key.  
- Above key setting with parameter is displayed for other keys.

Telephone Type  
T7633 / T7636

Key Location	Type	Parameter Selection	Extension Number	Extension Name	Dial (Max. 32 digits)	Label (Max. 32 characters)
1	Voice Mail Transfer		400			01
2	Single CO	02 :				02
3	Single CO	03 :				03
4	Single CO	04 :				04
5	Single CO	05 :				05
6	Single CO	06 :				06
7	Single CO	07 :				07
8	Single CO	08 :				08
9	Single CO	09 :				09
10	Single CO	10 :				10
11	Single CO	11 :				11
12	Single CO	12 :				12
13	Single CO	13 :				13
14	Single CO	14 :				14

Interactive Mode : TDE600 (LAN) Type : TDE600 Level : Installer Version003-000 Region000-000

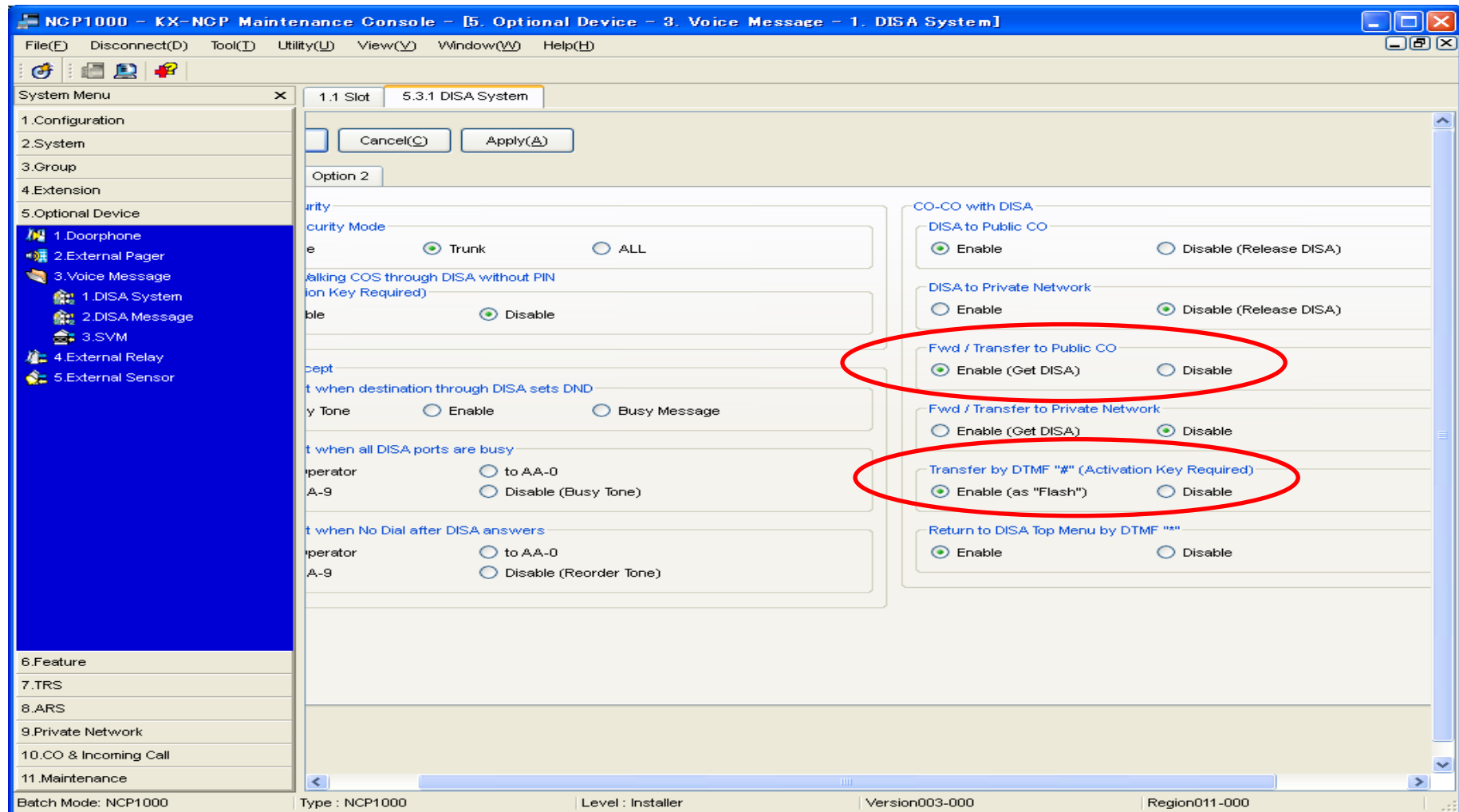
## How to enable transfer back to EXT under PBX from Cell?

# PBX side set up to allow Cellular to EXT

## NCP side

1)Change “Fwd/Transfer to Public CO” to “Enable”

2)Change “Transfer by “#”” to Enable



Enhanced Key Required



## How to enable parallel ring for EXT and Cell?

## PBX side (NCP1000, NCP1000 2, TDE600)

### 1) Change COS "Call FWD to CO" to "Enable"

NCP1000 - KX-NCP Maintenance Console - [2. System - 7. Class of Service - 1. COS Settings]

File(F) Disconnect(D) Tool(T) Utility(U) View(V) Window(W) Help(H)

System Menu x 1.1 Slot 2.7.1 COS Settings

1.Configuration  
2.System

1.Date & Time  
2.Operator & BGM  
3.Timers & Counters  
4.Week Table  
5.Holiday Table  
6.Numbering Plan  
7.Class of Service  
1.COS Settings  
2.External Call Block  
3.Internal Call Block  
8.Ring Tone Patterns  
9.System Options  
10.Extension CID Settings  
11.Audio Gain  
12.Tone

3.Group  
4.Extension  
5.Optional Device  
6.Feature  
7.TRS  
8.ARS  
9.Private Network  
10.CO & Incoming Call  
11.Maintenance

OK(O) Cancel(C) Apply(A)

TRS CO & SMDR Assistant Executive Manager PDN/SDN Optional Device & Other Extensions CA Miscellaneous

TR	COS No.	COS Name	Extension-CO Line Call Duration Limit	Transfer to CO	Call Forward to CO	Account Code Mode	CF (MSN)	Outgoing CO Call Printout (SMDR)
-	1		Disable	Disable	Enable	Option	Enable	Enable
-	2		Disable	Disable	Disable	Option	Enable	Enable
-	3		Disable	Disable	Disable	Option	Enable	Enable
-	4		Disable	Disable	Disable	Option	Enable	Enable
-	5		Disable	Disable	Disable	Option	Enable	Enable
-	6		Disable	Disable	Disable	Option	Enable	Enable
-	7		Disable	Disable	Disable	Option	Enable	Enable
-	8		Disable	Disable	Disable	Option	Enable	Enable
-	9		Disable	Disable	Disable	Option	Enable	Enable
-	10		Disable	Disable	Disable	Option	Enable	Enable
-	11		Disable	Disable	Disable	Option	Enable	Enable
-	12		Disable	Disable	Disable	Option	Enable	Enable
-	13		Disable	Disable	Disable	Option	Enable	Enable
-	14		Disable	Disable	Disable	Option	Enable	Enable
-	15		Disable	Disable	Disable	Option	Enable	Enable
-	16		Disable	Disable	Disable	Option	Enable	Enable
-	17		Disable	Disable	Disable	Option	Enable	Enable
-	18		Disable	Disable	Disable	Option	Enable	Enable
-	19		Disable	Disable	Disable	Option	Enable	Enable
-	20		Disable	Disable	Disable	Option	Enable	Enable
-	21		Disable	Disable	Disable	Option	Enable	Enable
-	22		Disable	Disable	Disable	Option	Enable	Enable
-	23		Disable	Disable	Disable	Option	Enable	Enable

Interactive Mode : NCP1000 (LAN) Type : NCP1000 Level : Sales Company Version003-000 Region000-000

## PBX side (NCP1000, NCP1000 2, TDE600)

### 2)Change “Keep Ring after FWD N/A to CO” to Enable

NCP1000 - KX-NCP Maintenance Console - [4. Extension - 1. Wired Extension - 1. Extension Settings]

File(F) Disconnect(D) Tool(T) Utility(U) View(V) Window(W) Help(H)

System Menu

- 1. Configuration
- 2. System
- 3. Group
- 4. Extension
  - 1. Wired Extension
    - 1. Extension Settings
    - 2. FWD/DND
    - 3. Speed Dial
    - 4. Flexible Button
    - 5. PF Button
    - 6. NDSS Link Data - Send
    - 7. Simplified Voice Message
  - 2. Portable Station
  - 3. DSS Console
- 5. Optional Device
- 6. Feature
- 7. TRS
- 8. ARS
- 9. Private Network
- 10. CO & Incoming Call
- 11. Maintenance

1.1 Slot 4.1.1 Extension Settings

OK(O) Cancel(C) Apply(A) Find Next(N) Copy to(I) CLIP Generate(G)

time ISDN CLIP Option 1 Option 2 Option 3 Option 4 Option 5 Option 6 Option 7 Option 8 Option 9 FWD / DND

No.	Extension Number	Extension Name (20 characters)	D Destination Call from CO	FWD Mode for Call from Extension	FWD Destination for Call from Extension	FWD No Answer Time (s)	Keep ring after FWD N/A to CO
1	101			None		15	Enable
2	102			None		15	Disable
3	103			None		15	Disable
4	104			None		15	Disable
5	105			None		15	Disable
6	106			None		15	Disable
7	107			None		15	Disable
8	108			None		15	Disable
9	301			None		15	Disable
10	302			None		15	Disable
11	303			None		15	Disable
12	304			None		15	Disable
13	305			None		15	Disable
14	306			None		15	Disable
15	307			None		15	Disable
16	308			None		15	Disable
17	109			None		15	Disable
18	110			None		15	Disable
19	111			None		15	Disable
20	112			None		15	Disable
21	113			None		15	Disable
22	114			None		15	Disable

Interactive Mode : NCP1000 (LAN) Type : NCP1000 Level : Sales Company Version003-000 Region000-000

## EXT side

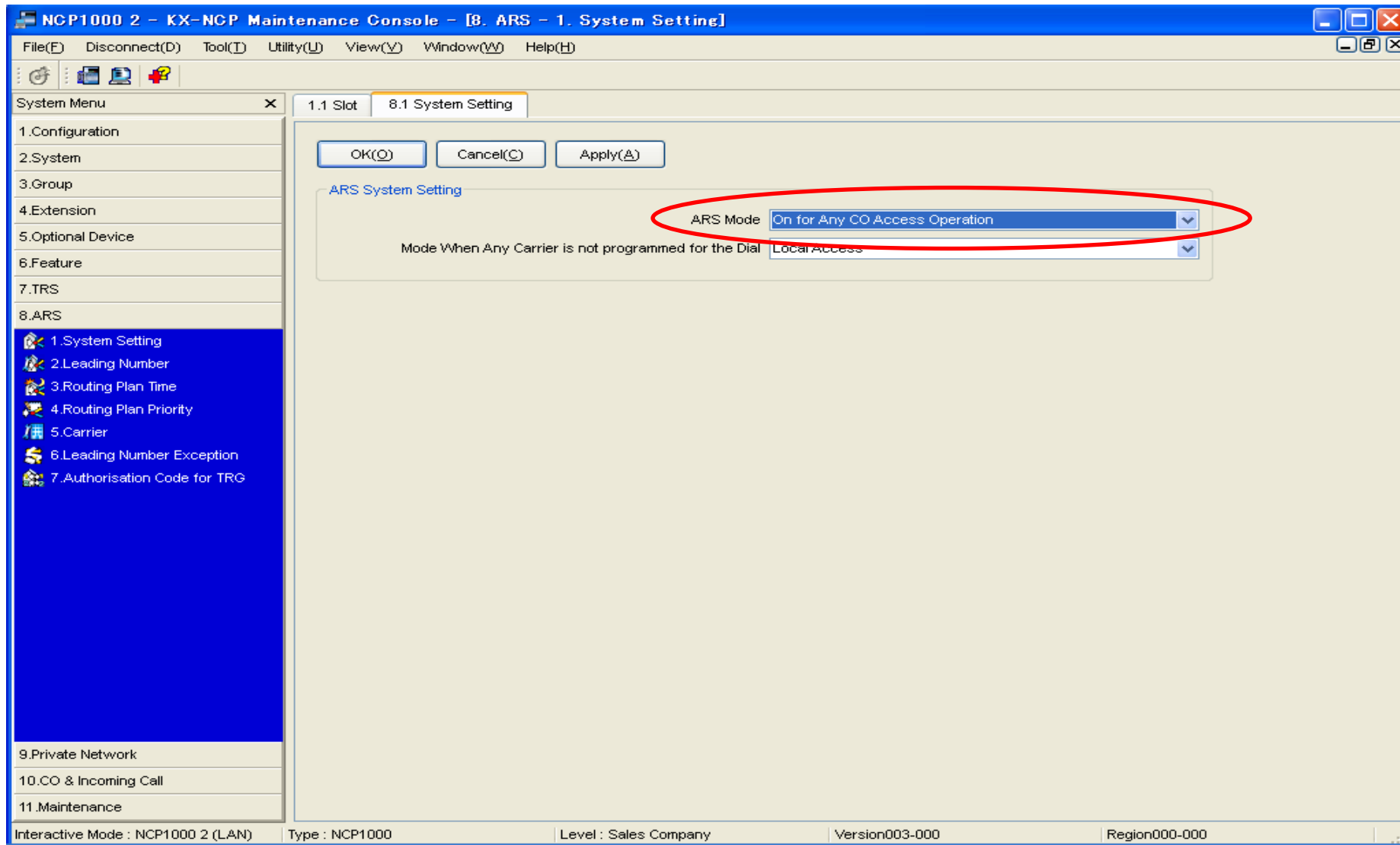
### 1)Set No Answer Fwd to cellular phone

**How to send CLIP ID of remote site to CO line?**

**It is necessary to use ARS.**

## Remote side (NCP1000 2, TDE600)

### 1) Change “ARS Mode” to ”On for Any CO Access Operation”



## Remote side (NCP1000 2, TDE600)

### 2) Assign Leading Number "190"

NCP1000 2 - KX-NCP Maintenance Console - [8. ARS - 2. Leading Number]

File(F) Disconnect(D) Tool(T) Utility(U) View(V) Window(W) Help(H)

System Menu X

- 1.Configuration
- 2.System
- 3.Group
- 4.Extension
- 5.Optional Device
- 6.Feature
- 7.TRS
- 8.ARS
  - 1.System Setting
  - 2.Leading Number
  - 3.Routing Plan Time
  - 4.Routing Plan Priority
  - 5.Carrier
  - 6.Leading Number Exception
  - 7.Authorization Code for TRG
- 9.Private Network
- 10.CO & Incoming Call
- 11.Maintenance

1.1 Slot 8.1 System Setting 8.2 Leading Number

OK(O) Cancel(C) Apply(A)

1 - 100 101 - 200 201 - 300 301 - 400 401 - 500 501 - 600 601 - 700 701 - 800 801 - 900 901 - 1000

No.	Leading Number (16 digits)	Additional Number of Digits	Routing Plan Number
1	190	0	1
2		0	1
3		0	1
4		0	1
5		0	1
6		0	1
7		0	1
8		0	1
9		0	1
10		0	1
11		0	1
12		0	1
13		0	1
14		0	1
15		0	1
16		0	1
17		0	1
18		0	1
19		0	1
20		0	1
21		0	1
22		0	1
23		0	1
24		0	1

Interactive Mode : NCP1000 2 (LAN) Type : NCP1000 Level : Sales Company Version003-000 Region000-000

## Remote side (NCP1000 2, TDE600)

### 3) Assign Carrier Access Code "0" in Carrier 1

NCP1000 2 - KX-NCP Maintenance Console - [8. ARS - 5. Carrier]

File(F) Disconnect(D) Tool(T) Utility(U) View(V) Window(W) Help(H)

System Menu X

1.1 Slot 8.1 System Setting 8.2 Leading Number 8.5 Carrier

OK(O) Cancel(C) Apply(A)

☒ : ON  
☐ : OFF

Carrier TRG 1 - 16 TRG 17 - 32 TRG 33 - 48 TRG 49 - 64 Authorisation Code for Tenant

Carrier	Carrier Name (20 characters)	Removed Number of Digits	Modify Command	Carrier Access Code (32 digits)
1		0	CH	0
2		0	CH	
3		0	CH	
4		0	CH	
5		0	CH	
6		0	CH	
7		0	CH	
8		0	CH	
9		0	CH	
10		0	CH	

1. Configuration  
2. System  
3. Group  
4. Extension  
5. Optional Device  
6. Feature  
7. TRS  
8. ARS  
1. System Setting  
2. Leading Number  
3. Routing Plan Time  
4. Routing Plan Priority  
5. Carrier  
6. Leading Number Exception  
7. Authorisation Code for TRG  
9. Private Network  
10. CO & Incoming Call  
11. Maintenance

Interactive Mode : NCP1000 2 (LAN) Type : NCP1000 Level : Sales Company Version003-000 Region000-000

## Remote side (NCP1000 2, TDE600)

### 4) Change Trunk Group for Carrier 1 to “TRG07 ON”

NCP1000 2 - KX-NCP Maintenance Console - [8. ARS - 5. Carrier]

File(F) Disconnect(D) Tool(T) Utility(U) View(V) Window(W) Help(H)

System Menu X

1.1 Slot 8.1 System Setting 8.2 Leading Number 8.5 Carrier

OK(O) Cancel(C) Apply(A)

Carrier TRG 1 - 16 TRG 17 - 32 TRG 33 - 48 TRG 49 - 64 Authorisation Code for Tenant

Carrier

Carrier	TRG01	TRG02	TRG03	TRG04	TRG05	TRG06	TRG07	TRG08	TRG09	TRG10	TRG11	TRG12	TRG13	TRG14	TRG15	TRG16
1							ON									
2	ON	ON	ON	ON												
3	ON	ON	ON	ON												
4	ON	ON	ON	ON												
5	ON	ON	ON	ON												
6	ON	ON	ON	ON												
7	ON	ON	ON	ON												
8	ON	ON	ON	ON												
9	ON	ON	ON	ON												
10	ON	ON	ON	ON												

Trunk Group for the Carrier

1. System Setting  
2. Leading Number  
3. Routing Plan Time  
4. Routing Plan Priority  
5. Carrier  
6. Leading Number Exception  
7. Authorisation Code for TRG

9. Private Network  
10. CO & Incoming Call  
11. Maintenance

Interactive Mode : NCP1000 2 (LAN) Type : NCP1000 Level : Sales Company Version003-000 Region000-000