

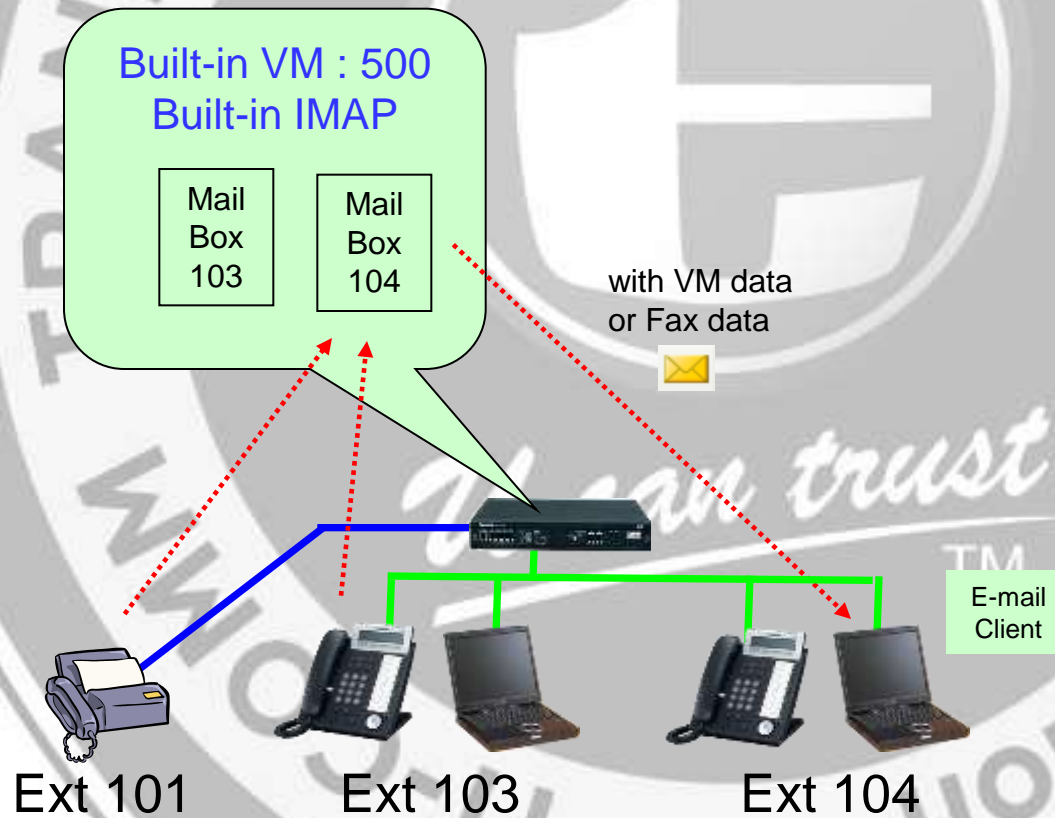
KX-NS Step by Step Guide

# VM to e-mail / Fax to e-mail

Specifications are subject to change without notice.

# 1. Overview

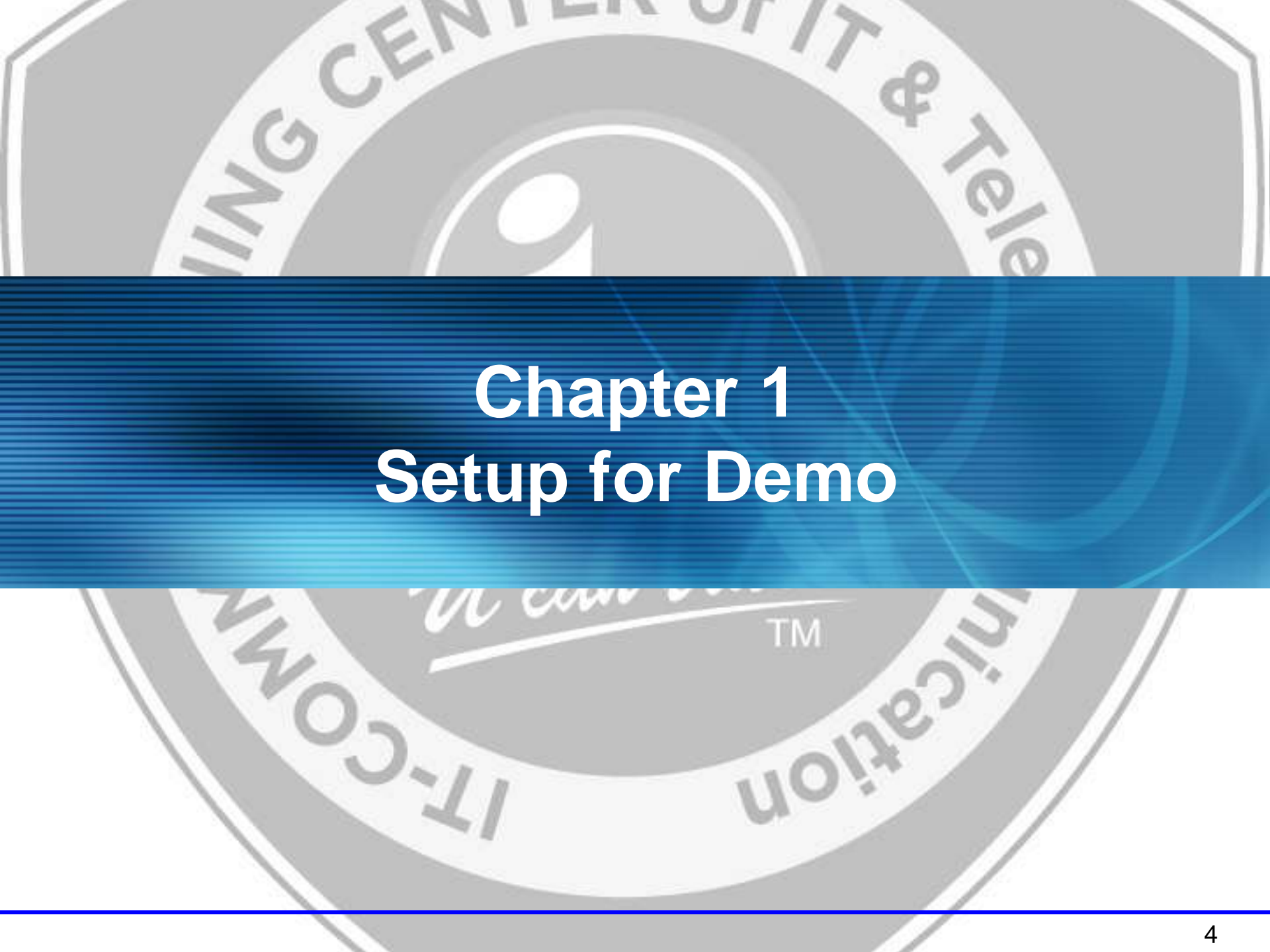
This chapter explains about demo for e-mail with VM or Fax.  
Built-in IMAP is convenient for demo without preparation of e-mail sever.



## 2. Activation Key

Activation key for e-mail feature is required.

Activated feature	Pre-installed	Activation key
Two-way Recording Control	0	1
Message Backup	0	1
UM Port (ch)	2	22
UM/E-mail (user)	0	40
Two-way Recording (user)	0	40



# Chapter 1

## Setup for Demo

# 11. Setup for PC

Client PC is programmed as follows to receive e-mail from IMAP.

**Change E-mail Account**

**User Information**

Your Name: Nonal nap

E-mail Address: non .ota@jp.panasonic

**Server Information**

Account Type: IMAP

Incoming mail server: 10.64.213.194

Outgoing mail server (SMTP): mail.jp.panasonic.com

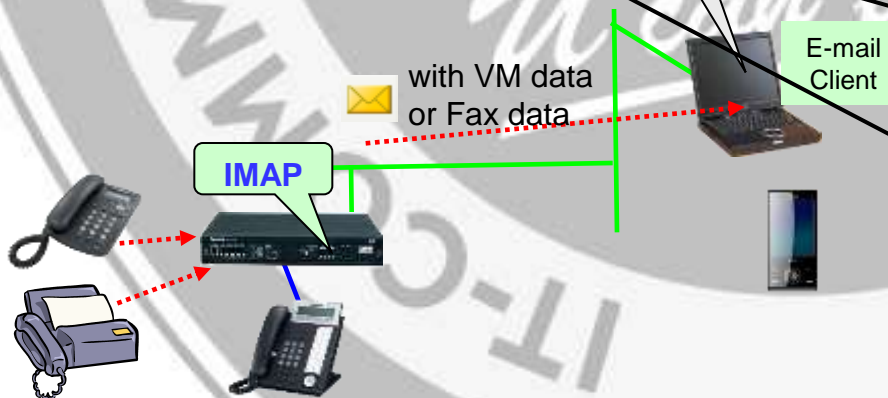
**Logon Information**

User Name: 113

Password: \*\*\*\*

< Setting example of E-mail client PC >

- (A) See explanation for (A)
- (B) See explanation for (B)
- (C) IP address of PBX as IMAP e-mail server
  - E-mail with VM or Fax is received using IMAP.
- (D) E-mail server address that you usually use to send e-mail
  - E-mail with VM or Fax is transferred using this e-mail server address.
- (E) Mailbox number of built-in VM (UM)
  - This is usually same as extension number.
- (F) Mailbox password for PC (Message Client)
  - Mailbox has two types of password.
    - Access using Phone : Number only
    - Access using PC : Number and alphabet





## 12. Setup for PBX (Built-in VM)

VM Mailbox has to be made.

See step by step guide “VM Mailbox & Web User.ppt”.

Password is required for mailbox to access from PC.

Class of service setting and intercept setting are also required.

See next pages.

# 13. Setup for PBX (VM) – Mailbox Password

Login as INSTALLER Site 1 : NS1000

**Users**

- 1. User Profiles
- 2. Add User
  - 1. Single User
  - 2. Multiple Users
- 4. ICDG Management

PBX Configuration

UM Configuration

Network Service

## Edit User

User Information | Contact | **Unified Message** | Telephony Feature | Login Account

**UM Group No.** : 1. [500:Voicemail 1]

**Mailbox Number** : 103

**Class of Service (COS)** : 1

**Prompt Registration** : [Prompt Registration](#) [Direct Login](#)

**Mailbox Password** : [Edit](#)

**Mailbox Password (Message Client)** : [Edit](#)

**Advanced setting** : [Advanced setting](#)

**Unified Messaging Plug in**  
(UM IMAP Session Controller for Microsoft Outlook®) : [Download](#)

**Fax Driver Tool** : [Download](#)

**CAUTION:** It is strongly recommended that a password should be complex for maximum protection. Change the password periodically.

# 14. Setup for PBX (VM) – Class of Service

Web Maintenance Console - Mozilla Firefox

ファイル(F) 編集(E) 表示(V) 履歴(S) ブックマーク(B) ツール(T) ヘルプ(H)

Web Maintenance Console

10.64.213.194/WebMC/index/

NS1000 Web Maintenance Console

Login as INSTALLER Site 1 : Site 1: HQ (Fukuoka)

Users  
PBX Configuration  
UM Configuration

1. Mailbox Settings  
2. Class of Service  
3. UM Extension / Trunk Service  
4. Service Settings  
5. System Parameters  
6. HW Settings  
7. System Security  
Network Service

### Class of Service

General Mailbox Call Transfer Hospitality Mode

No.	Class Of Service Name	Prompt Mode	Directory Listing	Tutorial	Call-through Service	E-mail Option	Fax Option	Desktop Messaging
		ALL	ALL	ALL	ALL	ALL	ALL	ALL
1		Primary	Yes	None	Yes	Yes	Yes	Yes
2		Primary	Yes	None	No	Yes	No	No
3		Primary	Yes	Normal	No	No	No	No
4		Primary	Yes	Normal	No	No	No	No
5		Primary	Yes	Normal	No	No	No	No
6		Primary	Yes	Normal	No	No	No	No
7		Primary	Yes	Normal	No	No	No	No
8		Primary	Yes	Normal	No	No	No	No
9		Primary	Yes	Normal	No	No	No	No
10		Primary	Yes	Normal	No	No	No	No
11		Primary	Yes	Normal	No	No	No	No
12		Primary	Yes	Normal	No	No	No	No
13		Primary	Yes	Normal	No	No	No	No
14		Primary	Yes	Normal	No	No	No	No

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# 15. Setup for PBX - Intercept

Set intercept to VM (500) to extension 103 and 104.  
Intercept no answer time : 8 sec is better for quick demo.

**Users**

**PBX Configuration**

- 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

**Extension Settings**

Copy to    CLIP Generate

«    Main    **Intercept Destination**    Intercept No Answer Time    CLIP    UM    Option 1    Option 2    Option 3    »

No.	Extension Number	Extension Name (20 characters)	When called party does not answer - Day	When called party does not answer - Lunch	When called party does not answer - Break	When called party does not answer - Night	When Called Party is Busy
1	101	Andrew White	500				
2	102	Becky Black	500				
3	103	Mike Smith	500				
4	104	Tom Red	500				
5							
6	106	Susan Green	500				

«    Main    Intercept Destination    **Intercept No Answer Time**    CLIP    UM    Option 1    Option 2    Option 3    »

No.	Extension Number	Extension Name (20 characters)	Time (s) - Day 0: System timer is applied.	Time (s) - Lunch 0: System timer is applied.	Time (s) - Break 0: System timer is applied.	Time (s) 0: System time
1	101	Andrew White	8	0	0	0
2	102	Becky Black	8	0	0	0
3	103	Mike Smith	8	0	0	0



# Chapter 2

## Demo after Setup

# 21. Demo after Setup

1. Call Ext 104 from Ext 101.
2. VM mailbox 104 answers after intercept time out.
3. Leave voice message or send Fax.
4. MSW of Ext 104 becomes red on and E-mail client receives new message with voice data or fax data.
5. VM status becomes "Old " by confirming e-mail for VM. MSW LED of phone is cleared. VM status becomes "New" again by setting "unread" to e-mail. MSW becomes red again.



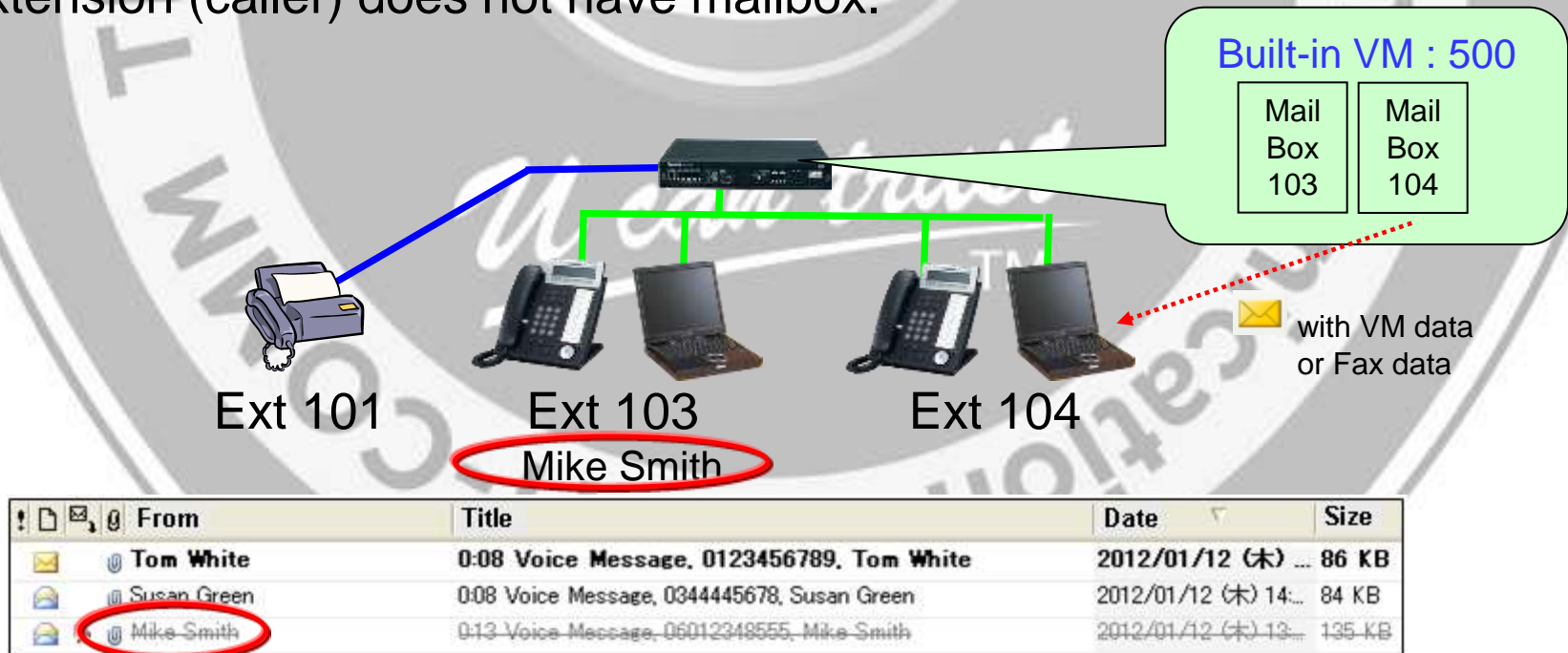
From	Title	Date	Size
Tom White	0:08 Voice Message, 0123456789, Tom White	2012/01/12 (木) ...	86 KB
Susan Green	0:08 Voice Message, 0344445678, Susan Green	2012/01/12 (木) 14...	84 KB
Mike Smith	0:13 Voice Message, 06012348555, Mike Smith	2012/01/12 (木) 13...	135 KB

# 22. Conditions

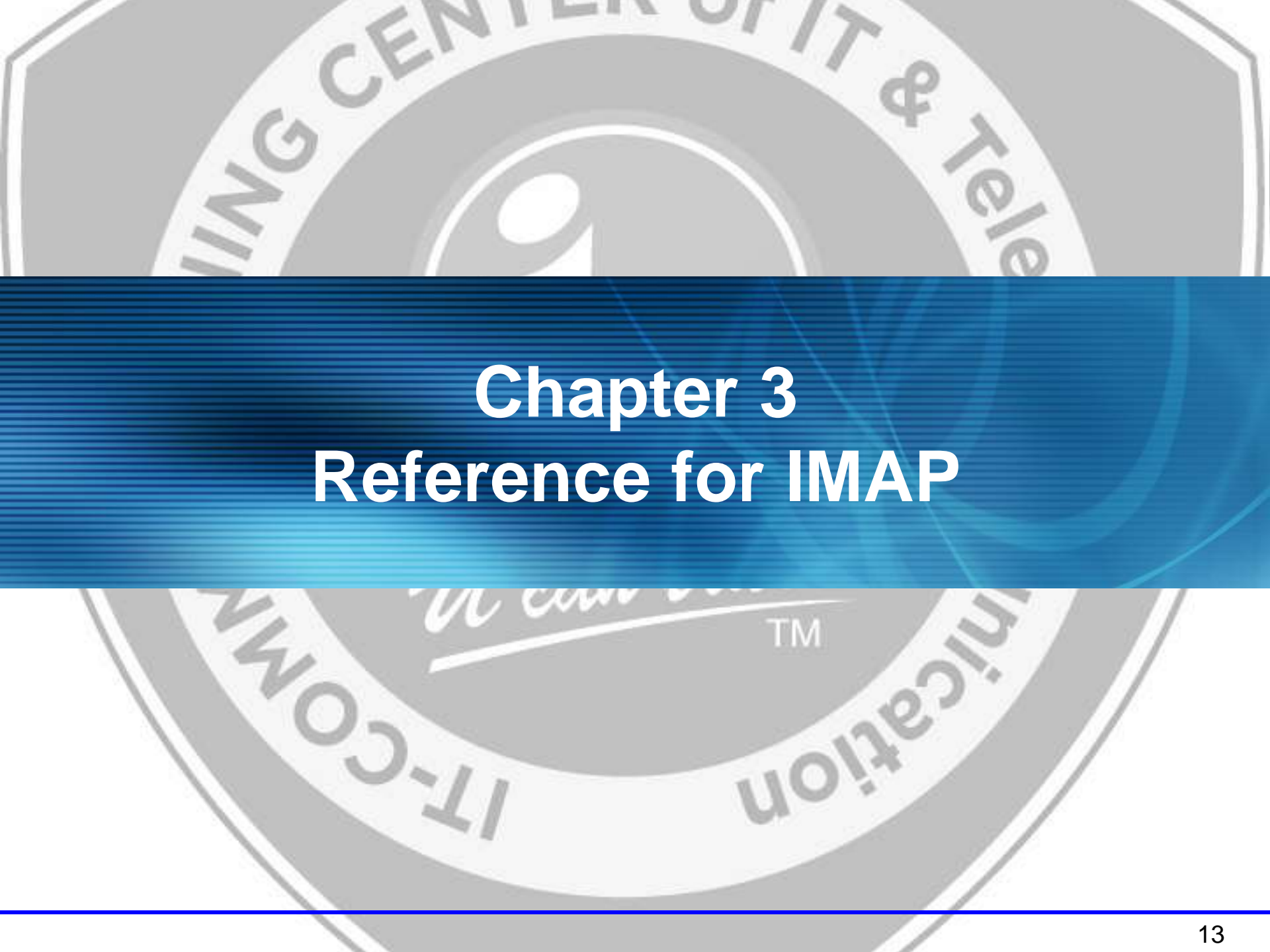
When e-mail client logs in to mailbox of KX-NS PBX, phone cannot log in to the same mailbox.

After dialing 500 + password, "Sorry this mailbox is in use." is announced. It is recommended to use mailbox 103 for access from phone and 104 for access from PC for demo.

Caller name is not displayed by e-mail client if caller is extension and the extension (caller) does not have mailbox.







# Chapter 3

## Reference for IMAP

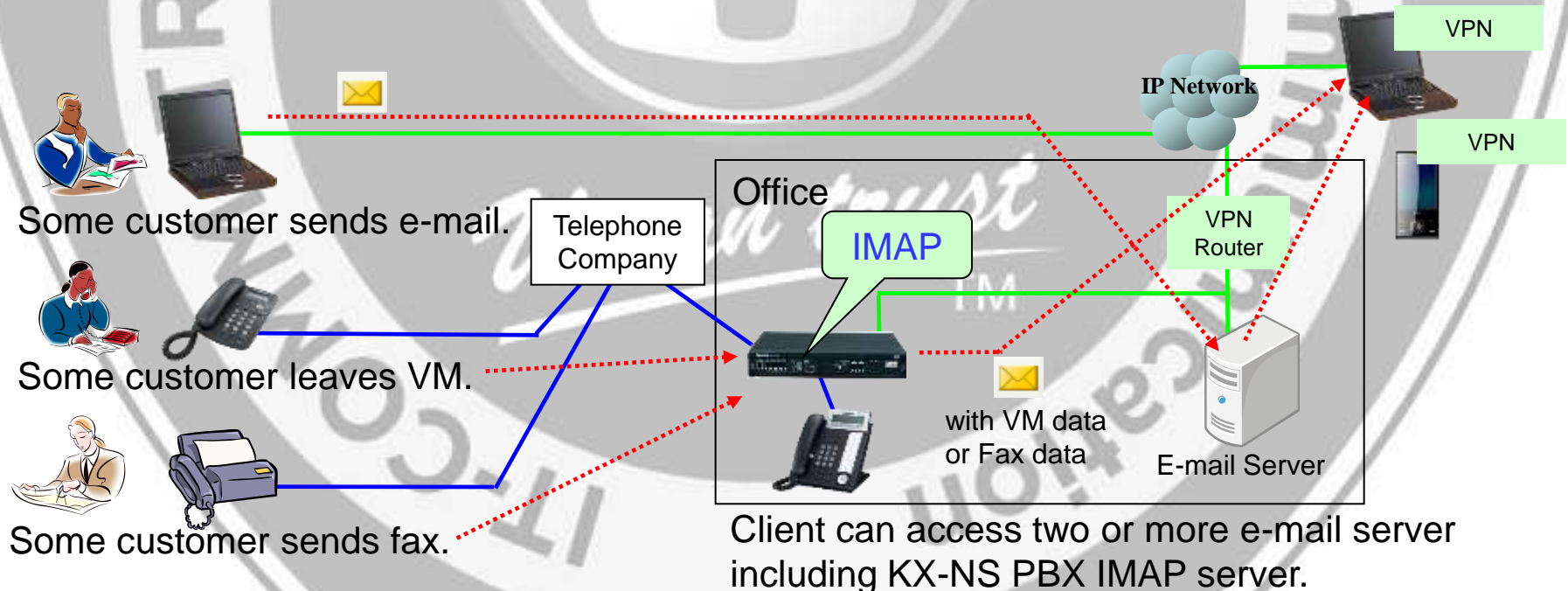


# 31. Built-in IMAP E-mail (Receive)

KX-NS PBX **built-in IMAP server** provides common status to both e-mail client software and access from phone.

E-mail soft		Access from phone
Unread	=	New message
Read	=	Old message
Deleted	=	Deleted message

When VM is confirmed by e-mail, VM status becomes "Old" and MSW LED of phone is cleared.  
 VM status becomes "New" again by setting "unread" to e-mail. MSW becomes red again.



# 32. Built-in IMAP E-mail (Transfer)

After receiving e-mail with VM or Fax from IMAP, it can be transferred using external e-mail server. "I have to transfer this important fax to my boss."

**Change E-mail Account**

**User Information**

Your Name: Nonal nap

E-mail Address: non .ota@jp.panasonic

**Server Information**

Account Type: IMAP

Incoming mail server: 10.64.213.194

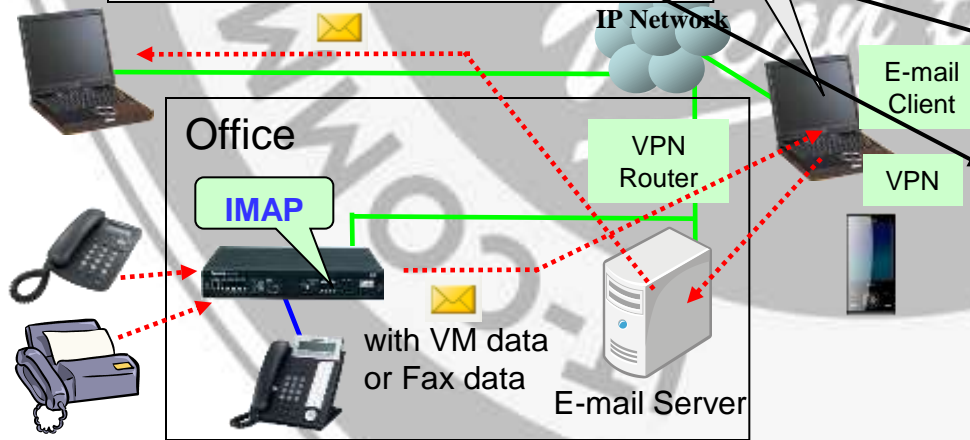
Outgoing mail server (SMTP): mail.jp.panasonic.com

**Logon Information**

User Name: 113

Password: \*\*\*\*

- < Setting example of E-mail client PC >
- (A) See explanation for (D).
  - (B) See explanation for (D).
  - (C) IP address of PBX as IMAP e-mail server
    - E-mail with VM or Fax is received using IMAP.
  - (D) E-mail server name or IP address that you are using usually to send e-mail
    - E-mail with VM or Fax can be transferred using this e-mail server
    - (A) and (B) are informed as e-mail sender.
  - (E) Mailbox number of built-in VM (UM)
    - This is usually same as extension number.
  - (F) Mailbox password for PC (Message Client)
    - Mailbox has two types of password.
    - Access using Phone : Number only
    - Access using PC : Number and alphabet



# 33. Built-in IMAP E-mail (Comparison)

## < Built-in IMAP e-mail server >

From	Title	Date	Size
Tom White	0:08 Voice Message, 0123456789, Tom White	2012/01/12 (木) ...	86 KB
Susan Green	0:08 Voice Message, 0344445678, Susan Green	2012/01/12 (木) 14...	84 KB
Mike Smith	0:13 Voice Message, 06012348555, Mike Smith	2012/01/12 (木) 13...	135 KB

← New  
← Old  
← Deleted

- Caller name (Not e-mail address) is displayed as sender for easy sorting.  
\*) KX-NS PBX does not know e-mail address of caller.  
When caller is extension, the extension has to have mailbox to display name.
- Missed call and other e-mail are not displayed in same folder for MS Outlook.
- E-mail with VM or Fax is NOT saved automatically in PC. It is kept in KX-NS PBX.

## < External e-mail server > : KX-NS PBX works as e-mail client.

From	Title	Date	Size
Shig noru	[M12A03]_MY: NT700 - PC cable	2012/01/12 (木) 14...	18 KB
UM-NS1000 (DoNotReply)	Message Notification from UM, 0123456789, Tom White	2012/01/12 (木)...	68 KB
NS1000 (DoNotReply)	Missed call notification (Tom White)	2012/01/12 (木)...	5 KB
UM-NS1000 (DoNotReply)	Message Notification from UM, 0344445678, Susan Gr...	2012/01/12 (木)...	66 KB
NS1000 (DoNotReply)	Missed call notification (Susan Green)	2012/01/12 (木)...	5 KB
UM-NS1000 (DoNotReply)	Message Notification from UM, 06012348555, Mike Sm...	2012/01/12 (木)...	103 KB
NS1000 (DoNotReply)	Missed call notification (Mike Smith)	2012/01/12 (木)...	5 KB

← Other e-mail  
← Missed call  
← "Unread" regardless VM status in NS PBX

- Name of dummy e-mail address of NS PBX such as [UM-NS1000@jp.panasonic.com](mailto:UM-NS1000@jp.panasonic.com)
- E-mail with VM or Fax is kept in PC or E-mail server even after message is deleted from KX-NS PBX.





**Thank you !**

# Revision

Date	No.	Change
Oct 15	-	First edition
Feb 13 (Jan 19)	13 (Page 7)	This page was added.