# **Guidebook for MIND Users**

# **Mobile Information Outlet Connection Service**

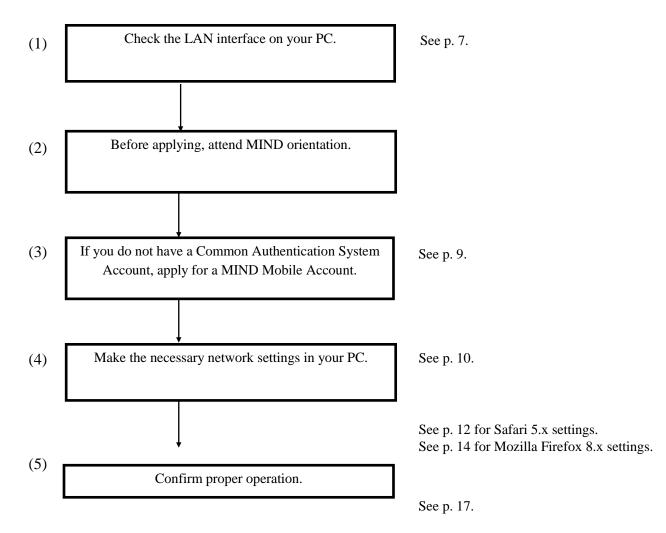
# (Mac OS X 10.6 Edition)

March 29, 2017

Network Promotion Division IT Systems & Infrastructure Headquarters

### **Procedures for Using Mobile Information Outlet Connection Service**

This Guidebook explains how to use the mobile information outlets located on each campus. The procedures are outlined below. See the indicated pages for a more detailed description.



Check by actually connecting your PC to a mobile information outlet and seeing if you can view websites.

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## 1. What Is MIND?

MIND (Meiji University Integrated Network Domain) is the general name for the networks in Meiji University. MIND connects to the science information network SINET operated by the National Institute of Informatics (NII) and to the commercial Internet service provider IIJ, as part of the overall Internet (Fig. 1). It can therefore be used for sending e-mail to people all over the world and for viewing Internet websites.

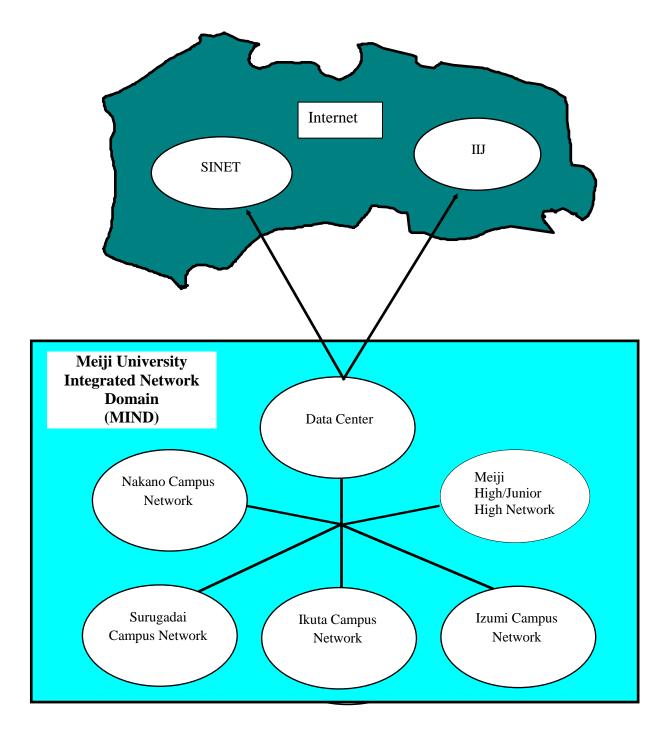


Fig. 1. Relation of MIND to SINET, IIJ, and the Internet

## 2. Connections to MIND

You will need to apply for use before you can connect a computer to MIND for accessing network services. The application procedures are of the following two kinds, depending on how you will be connecting a computer to MIND.

- 1. Procedure when using a computer located in a research office, laboratory, etc.
- → The person responsible for connection submits a MIND User Application to the IT Systems & Infrastructure Headquarters.
- 2. Procedure when using MIND Mobile Connection Services

#### (1) Mobile Information Outlet Connection Service

A service used for temporarily connecting to the network from a mobile information outlet installed on each campus.

(2) SSL-VPN Connection Service

A service for temporarily connecting to a university network from home, overseas, or other off-campus location using the Internet.

- (3) Wireless LAN Connection Service
  - → The individual user connects with a Common Authentication System Account. (Those without such an account will need to apply for a MIND Mobile Account.)

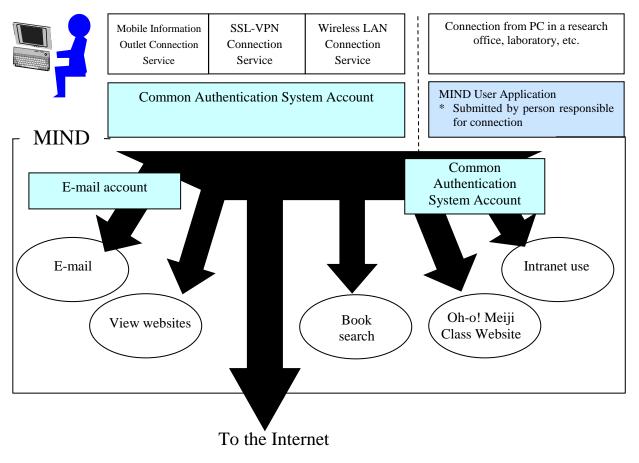


Fig. 2. Types of MIND Connections and Available Services

\* After connecting to MIND, you will be able to make use of the e-mail service provided by the IT Systems & Infrastructure Headquarters, the book search service provided by the university libraries, and other services.

# **3. What Is Mobile Information Outlet Connection Service?**

Mobile Information Outlet Connection Service lets you temporarily connect a notebook PC or other terminal to the university network (MIND) by plugging in to one of the mobile information outlets located on each campus.

By taking advantage of this connection service, you can use your own PC to access a WWW server and view websites, to send and receive e-mail, to use online library services, or to make use of other services provided by MIND, the IT Systems & Infrastructure Headquarters, the university libraries, and others.

This Guidebook describes the procedure for connecting a PC to a mobile information outlet on a campus and notes precautions in use.



Fig. 3-1. Information Outlet

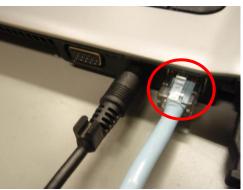


Fig. 3-2. LAN Interface

## 4. Before Using Mobile Information Outlet Connection Service

### 4.1. Required Equipment

The Mobile Information Outlet Connection Service specifications are as follows.

Software: Must support TCP/IP Must support DHCP

Hardware: Must support 10BASE-T or 100BASE-TX

TCP/IP is the name of standard protocol used with the Internet and other network communications.

DHCP is a function that automatically sets in a network-connected PC the minimum necessary configuration information for network communication, such as IP address and gateway address.

This functionality is standard provision in recent PC operating systems such as Microsoft Windows (XP, Vista, and 7) and Apple Macintosh (Mac OS X 10.x).

Note: The explanations in this Guidebook primarily assume Mac OS X 10.6 as OS and either Safari 5.x or Mozilla Firefox 8.x as the web browser. If you need help with another OS or web browser, contact the support desk on your campus (see p. 20).

### 4.2. Mobile Information Outlet Locations

Mobile information outlets are installed in the following locations (as of April 1, 2013).

See the following page for details of the locations.

http://www.meiji.ac.jp/mind/mobile-concent/index.html

#### • Surugadai Campus

- Liberty Tower (Central Library, all classrooms, seminar rooms, lounges, graduate student research offices, etc.)
- Academy Common (30-student classrooms, study hall 2 on the 11th floor, etc.)
- Building No. 14 (2nd, 3rd, 5th floors, graduate student research offices, etc.)
- Sarugakucho Building
- Conference rooms, etc.

#### • Izumi Campus

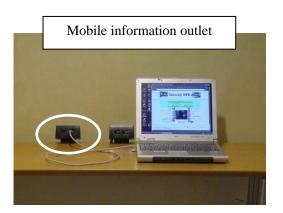
- Media Building (classrooms, study halls [brought-in PC area], faculty lounge, staff information terminal room)
- Building No. 1 (basement lounge, 2nd floor east lounge, 3rd floor east lounge and north lounge, 4th floor north lounge)

#### • Ikuta Campus

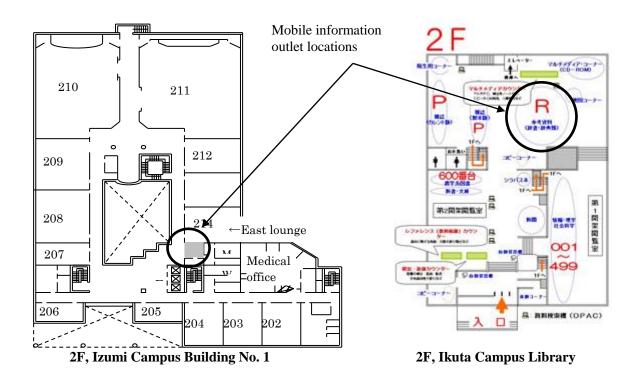
- Main Building (3rd and 4th floors)
- Library (2nd floor reference collection area)
- Student Center (2nd and 3rd floor lounges)
- Cafeteria (1st floor lounge)

#### • Nakano Campus

- Classrooms (high rise wing,311,413,515,516)
- Lounge (high rise wing, 3nd, 6th , 7th , 9th and 13th floors)



Examples of locations on Izumi and Ikuta Campuses are shown below.



#### **4.3.** Accounts for Using Mobile Information Outlet Connection Service

Mobile Information Outlet Connection Service can be used with a Common Authentication System Account.

<u>University staff and students</u> having a Common Authentication System Account can use Mobile Information Outlet Connection Service without needing to perform any procedures in advance.<sup>(\*)</sup>

(\*) Students must attend MIND orientation before they can use MIND Mobile Connection Services.

Persons not having a Common Authentication System Account (mainly research promoters, research assistants, and visiting fellows) will need to apply separately for a MIND Mobile Account.

Applying for a MIND Mobile Account is done by submitting a user application form. For more information, ask your school office, research promotion and intellectual property office, or other affiliated office.

# 5. Network Setup

(a) From the Apple Menu (open by clicking the Apple mark at the top right of the desktop), select System Preferences (Fig. 5-3-1).

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	Sleep	x	ж▲
	Restart		
	Shut Down		
	Log Out admin	Û	жQ

Fig. 5-3-1. Select System Preferences

(b) Select the Network icon in System Preferences (Fig. 5-3-2).

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Show All					Q	
Personal						
New Pres			60	Ó	<u>Q</u>	
Appearance Desktop & Screen Saver	Dock	Exposé & Spaces	Language & Text	Security	Spotlight	
Hardware						
<b>(</b>						
CDs & DVDs Displays	Energy Saver	Keyboard	Mouse	Trackpad	Print & Fax	Sound
Internet & Wireless						
	8	•				
MobileMe Network	Bluetooth	Sharing				
System						
	<b>*</b> *	(0)	-	?	۲	
Accounts Date & Time	Parental Controls	Software Update	Speech	Startup Disk	Time Machine	Universal Access

Fig. 5-3-2. Select Network

(c) In the Network window, click Advanced (Fig. 5-3-3).

00	Network	
Show All		٩
Loc	ation: Automatic	•
USB Ethernet Connected     Connected     AirPort	Status:	<b>Connected</b> USB Ethernet is currently active and has the IP address 133.26.94.242.
Off     Ethernor (en2)     Not Connected	Configure IPv4:	Using DHCP
	Subnet Mask:	255.255.254.0 XXX.XXX.XXX.XXX
	DNS Server: Search Domains:	133.26.136.30
+ - \$-		Advanced ?
Click the lock to prevent	further changes.	Assist me Revert Apply

Fig. 5-3-3. Click Advanced in the Network Window

(d) The TCP/IP information should be set to "Using DHCP" and with an IPv4 address value of "133.26.XXX.XXX" ("XXX" are numbers). Click OK and proceed to <u>6. Web Browser Settings</u> (Fig. 5-3-4).

$\bigcirc \bigcirc \bigcirc$	Network	
Show All		٩
CSB Ethernet	/IP DNS WINS 802.1X Proxies	Ethernet
Configure IPv4:	Using DHCP	
IPv4 Address	133.26.XXX.XXX	Renew DHCP Lease
	255.255.254.0 DHCP Client ID: XXX.XXX.XXXX Automatically	( If required )
?	nt further changes. Assist me	Cancel OK

Fig. 5-3-4. TCP/IP Advanced Settings Window

## 6. Web Browser Settings

### 6.1. Safari 5.x

(a) Launch Safari and select Preferences from the Safari pull-down menu (Fig. 6-1-1).

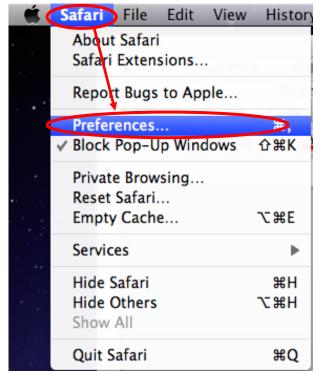


Fig. 6-1-1. Select Safari Preferences

(b) In the General tab of the Preferences window, enter http://www.meiji.ac.jp/ as the home page (Fig. 6-1-2).

● ○ ○	General
General Appearance Bookmarks Tabs RSS Aut	CoFill Security Privacy Extensions Advanced
Default web browser: Default search engine:	Safari (5.1.2)
Safari opens with: New windows open with:	A new window
New tabs open with:	Empty Page
	Set to Current Page
Remove history items:	After one day
Save downloaded files to: Remove download list items:	Image: Second se
	♥ Open "safe" files after downloading "Safe" files include movies, pictures, sounds, PDF and text documents, and archives.

Fig. 6-1-2. General Preferences Window (Safari)

### 6.2. Mozilla Firefox 8.x

(a) Launch Firefox and select Preferences from the Firefox pull-down menu (Fig. 6-2-1).



Fig. 6-2-1. Select Firefox Preferences

(b) Open the General tab in the Preferences window and enter **http://www.meiji.ac.jp**/ for Home Page in the Startup section (Fig. 6-2-2).

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Charles -				
Startup				
When Firefox st	arts: Show my	home page		•
🗌 Don't loa	d tabs until selec	ted		
Home Page:	ttp://www.meiji.	ac.jp/		
		Current Page) (	Use Bookma	rk) (Restore to Default
	Cose (	unentrage	USE BOOKINA	(Restore to belaut
Downloads				
		والمستحد المعاد		
-	wnloads window		ing a file	
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• Save files to	🔯 Downloa	ds		Choose
O Always ask m	ne where to save	files		
Add-ons				
Change preferen	ices for your add	-ons		Manage Add-ons
				Manage Add-Ons

Fig. 6-2-2. General Preferences Window (Firefox)

### 7. Viewing Websites

Now try viewing the Meiji University website.

- (a) Open a web browser.
- (b) A login window appears for entering your user name and password to connect to the Mobile Information Outlet Connection Service.
  - Safari 5.x (Fig. 7-1)



Fig. 7-1. Safari 5.x Login Window

• Mozilla Firefox 8.x (Fig. 7-2)





(c) In this dialog box, enter your login name and password for the Common Authentication System Account (or for those not having one, your MIND Mobile Account) and click the Login button.

(d) If authentication succeeds with the login name and password, the Meiji University website loads. (Fig. 7-3)

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+ V http://www.meiji.ac.jp/		0 3	Coogle
明治大学 明治大学 MEUI UNIVERSITY	- 888.8824 -	<ul> <li>サイトマップ</li> <li>アクセス</li> <li>お問い合わせ</li> <li>携帯サイト</li> </ul>	◆ Chinese GB ● Chinese Big5 ● Korean 検索
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大学案内 学部・大学院 About	🕰 🕹 🖌 🚺 Social	·連携·学生生活 ternational	就職・図書館・ 博物館等 Recruit/ Career Museum
明治大学で学びたい方 学部 大学院 生涯 学習	エュース News プレスリリース Press Release 2012年1月12日 「面根】2012年度大学入試センター試		
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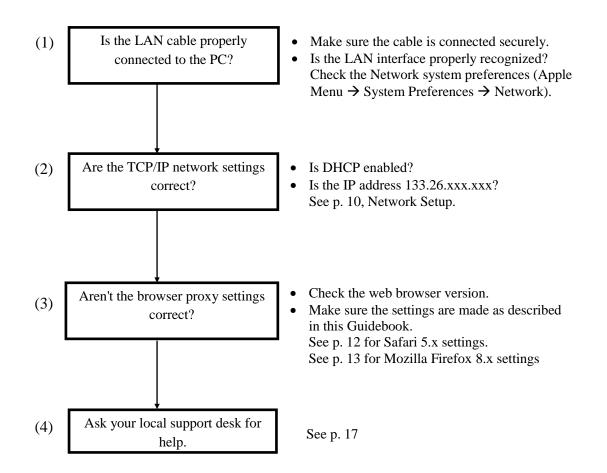
### Fig. 7-3. Meiji University Website

(e) Confirm that you can access off-campus sites, such as those in your bookmarks list. If you run into problems, try the suggestions at <u>8. Troubleshooting</u>.

## 8. Troubleshooting

Are you having trouble with the network setting? Are you unable to view websites? First check the items below. This will help you determine where the problem lies (faulty hardware, a mistake in software settings, etc.). If you cannot determine a solution, contact your campus support desk.

The measures suggested to the right of each item assume Mac OS X as the PC OS.



### 9. Where to Inquire about Network Connections and Trouble

#### Surugadai Campus:

Surugadai Campus Support Desk Location: 7F, Building No. 12 Tel.: 03-3296-4286 (Ext.: 4286)

Media Support Office Location: 7F, Building No. 12 Tel.: 03-3296-4438 (Ext.: 4438)

#### **Izumi Campus:**

Izumi Campus Support Service Location: 1F, Izumi Media Building Tel.: 03-5300-1190 (Ext.: 1190)

Izumi Media Support Office Location: 1F, Izumi Media Building Tel.: 03-5300-1189 (Ext.: 1189)

#### **Ikuta Campus:**

Ikuta Campus Support Desk Location: 5F, Main Building Tel.: 044-934-7711 (Ext.: 7711)

Ikuta Media Support Office Location: 5F, Main Building Tel.: 044-934-7710 (Ext.: 7710)

#### Nakano Campus:

Nakano Campus Support Desk Location: 4F, Low Building Tel.: 03-5343-8072 (Ext.: 8072)

Nakano Research and Education Support Office Location: 3F, Low Building Tel.: 03-5343-8012 (Ext.: 8012)

# **10. Reference URLs**

Meiji Univ. website	http://www.meiji.ac.jp/
MIND website	http://www.meiji.ac.jp/mind/
IT Systems & Infrastructure Headquarters	http://www.meiji.ac.jp/isc/
Support Desk	http://www.meiji.ac.jp/mind/support/office.html
MIND Mobile Account user application	http://mobile.mind.meiji.ac.jp/