

MANUAL

SENS

(Sunstar Embroidery Network System)

Ver. 1.0

MEE-060714 SUNSTAR PRECISION CO., LTD.

- 1. THIS IS AN INSTRUCTION FOR SAFE USE OF SMF. AUTOMATIC EMBROIDERY MACHINES. READ THOROUGHLY BEFORE USE.
- 2. CONTENTS IN THIS INSTRUCTION MAY CHANGE, WITHOUT PRIOR NOTICE, FOR IMPROVEMENT OF MACHINE QUALITY AND THUS MAY NOT CORRESPOND TO THE MACHINE YOU PURCHASED. CONTACT YOUR SALES AGENT FOR INQUIRIES.
- 3. THIS IS DESIGNED AND MANUFACTURED AS AN INDUSTRIAL MACHINE. IT SHOULD NOT BE USED FOR OTHER THAN INDUSTRIAL PURPOSE.



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1. Embroidery Machine Network Configuration



1.1 Connecting Promi-MSP to HUB (static IP used)





1.2 Direct Connection between Promi-MSP and PC

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2. Installation and Setup of Promi-MSP

2.1 Setup

(1) Connect Promi-MSP to the power. If Status LED blinks fast and is turned on after the power supply is approved, it means that Promi-MSP is properly operating.

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(2) As in the below figure, connect the serial cable to PC and Promi-MSP respectively.



(3) Execute HyperTerminal. On the start menu of Windows, click in the order of "All Programs → Accessories → Communications → HyperTerminal."







(4) After selecting HyperTerminal, set up COM port as in the below table.

Baud rate	115200
Data bit	8
Parity bit	None
Stop bit	1
Flow control	None

115200	*
8	*
None	*
1	*
None	~
<u>R</u> est	ore Defaults
	115200 8 None 1 None <u>R</u> esta

(5) Press [ENTER], and the login prompt appears as in the below figure. When a product is shipped out, the default login name and password are set at admin and 11111 respectively.



- (6) The default IP address of Promi-MSP is 192.168.1.10.
- (7) For network setup, select "Network Settings" or the first item on the main menu.



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2.1.1 Direction Connection between Promi-MSP and PC

- (1) Select "DHCP Server" under the network settings menu, and it will make Promi-MSP serve as DHCP Server, which allocates IP addresses. When directly connecting PC to Promi-MSP, PC shall be set to receive automatically allocated IP. Without any network setting changes on PC, just insert the LAN cable into PC.
 - 1) On the network settings screen as in the below figure, choose "4. DHCP Server." When the message appears asking "Reboot?", press "Y" to complete the MSP setting.

Se MSP - HyperTerminal	- DX
File Edit View Call Transfer Help	
ርጅ 🕫 🕉 በርት 📽	
Network Settings 1. Static IP 2. DHCP 3. PPPoE 4. DHCP Server q. Quit >> 4 Done. Reboot? [y/N] Rebooting The system is going down NOW !! Sending SIGTERM to all processes. Sending SIGKILL to all processes. Promi-MSP Configuration Console Press Enter	
Connected 0:01:29 Auto detect 115200 8-N-1 SCROLL CAPS NUM Capture Print echo	

2) Select "Network Connections" on the PC control panel as below.





3) Select the Local Area Connection (MSP and connected LAN device) icon and press the right-side mouse button. When a pop-up menu appears, select "Properties."



4) On the Local Area Connection Properties box, select Internet Protocol(TCP/IP).

eneral	Authentication	Advanced	
Connect	using:		
興 M.	arvell Yukon 88	E8001/8003/80101	Configure
'his con	nection uses the	e following items:	
	File and Printer Oo S Packet Sc Internet Protoco	Sharing for Microsoft I Sharing for Microsoft I Shedular ol (TCP/IP)	Networks
In	stall	Uninstall	Properties
Descrip Transi wide a	otion mission Control I area network pro	Protocol/Internet Proto otocol that provides co	ocol. The default ommunication



5) As in the Internet Protocol(TCP/IP) Properties dialog box below, choose "Obtain an IP address automatically" and "Obtain DNS Server address automatically" respectively. It completes the PC setup.

ieneral Alternate Configuration	ppernes []
You can get IP settings assigned a this capability. Otherwise, you need the appropriate IP settings.	utomatically if your network supports d to ask your network administrator for
Obtain an IP address automa Use the following IP address:	tically
IP address:	
Subnet mask:	2 (4) (4) (4)
Default gateway:	
Obtain DNS server address a Use the following DNS server	utomatically r addresses:
Preferred DNS server:	
Alternate DNS server:	
	Advanced
	OK Cancel

(2) The network setting is completed.

2.1.2 Connecting Promi-MSP to HUB (using static IP)

(1) Choose "1. Network Settings" and then "1. Static IP." Ask the network administrator for the currently used network information such as address, netmask, gateway and DNS. In case of DNS, at least one entry is required.

🐼 Sunstar - HyperTerminal	
File Edit View Call Transfer Help	
しゅ 9 2 6 6	
 Network Settings LAP Firmware Download Serial Port (RS232) Reset Reboot Change password System Log 	
q. quit >> 1	
Network Settings 1. Static IP 2. DHCP 3. PPPoE 4. DHCP Server q. Quit	ini.
<pre>>> 1 address : Connected 0:03:01 Auto detect 115200 8-N-1 SCROLL CAPS NUM Capture Print echo</pre>	

Ex1) Enter IP address. (IP address can be different depending on the user environment)

🐼 Sunstar - HyperTerminal	
File Edit View Call Transfer Help	
口母 🖉 🕉 电石 🛍	
2. LAP 3. Firmware Download 4. Serial Port (RS232) 5. Reset 6. Reboot 7. Change password 8. System Log q. Quit >> 1	
Network Settings 1. Static IP 2. DHCP 3. PPPoE 4. DHCP Server q. Quit >> 1	the second s
address : 192.168.0.3 netmask :	



Ex2) Enter netmask, gateway, and DSN respectively.

😪 Sunstar - HyperTerminal				
File Edit View Call Transfer Help				
				1.0
5. Reset 6. Reboot 7. Change password 8. System Log				
q. Quit				
>> 1				
Network Settings 1. Static IP 2. DHCP 3. PPPoE 4. DHCP Server				
q. Quit				
>> 1				
address : 192.168.0.3 netmask : 255.255.255.0 gateway : 192.168.0.1 1st dns : 254.243.244.0 2nd dns :				
Connected 0:04:04 Auto detect 115200 8-N-1	SCROLL CAPS	NUM Capture	Print echo	

- (2) When "Reboot?" is asked, press "Y" for starting a computer again. The network setting will be applied after rebooting.
- (3) Log in and check whether the settings are proper.

😪 Sunstar - HyperTerminal	- DX
File Edit View Call Transfer Help	
SN : MSP050800063 Bluetooth	
Connected 0:05:33 Auto detect 115200 8-N-1 SCROLL CAPS NUM Capture Print echo	

(4) The network setting is completed.

2.2 Connecting LAN Cable

- 1) When Promi-MSP is connected to HUB, insert the direct LAN cable into the external LAN port(EXT).
 - * The LAN cable which is packed with Promi-MSP, is cross LAN cable. When Promi-MSP needs to be connected to HUB, the cable shall not be used. Direct LAN cable shall be purchased for connection.
- 2) When Promi-MSP is directly connected to the LAN card within PC, use the enclosed cross LAN cable for connection.



<Fig. 1> LAN cable connection



3. Setup of Promi-SD

3.1 Registration of Promi-SD and Promi-MSP

1) Install mspwiz.exe, which is saved in CD, on PC.

- 2) Turn on Promi-MSP and insert the LAN cable into Promi-MSP. (For direct connection to HUB, use Direct LAN cable. For direct connection to PC, use Cross LAN.)
- 3) Check whether Status LED and EXT LED of Promi-MSP are on.
- 4) Connect Promi-SD to the PC's serial port, and supply power to Promi-SD.
- 5) Execute mspwiz.exe and press "Search" button. Then as in the below figure, Promi-MSP is searched. Select the set Promi-MSP and press "Next."

Promi-MSP Configuration Wizard	X
Search MSP Search promi-msp on the network.	Make sure Promi-MSP to be connected to PC with crossed LAN cable. Then power Promi-MSP on. Press 'Search' button to search Promi-MSP and choose one. Search Promi-MSP (10.20.17.55, 00:08:53:20:06:88) Connect
	< Back Next > Cancel

6) Select the serial port to which Promi-SD is connected, and press "Promi-SD Search". Moments later, Promi-SD information searched appears as in the figure.

Promi-MSP Configuration Wizard	Contraction of the local division of the loc	×
Search SD	Select COM port to which Promi-SD is attached and press 'Search' to probe Promi-SD.	
Probing Promi-SD Make sure Promi-SD attached and powered up.	Port COM1 Search Promi-SD BDAddr: 000B531655AA Name: PSDv3b-1655AA Mode: MODE1 State: STANDBY Authentication: Off Encryption: Off Baudrate: 115200bps	8
	Kack Ne	ext > Cancel

If the search result does not appear, check whether Promi-SD's power is on. Then, press "Reset" button on the side to initialize Promi-SD. Press "Promi-MSP Search" button again for the second trial (check the red LED).

When Promi-SD is found, press "Next" to move forward.



7) Set Promi-SD and register the module to Promi-MSP.

Set Port (an Arbitrary value between 60000 and 65000), name (An Arbitrary character), communication speed (Baudrate) and Parity, stop bit (Stopbit), and flow control (CTS/RTS) and then press "Register" button.

Promi-MSP Configuration Wizard				×
Register SD	In this step, P to Promi-MSP Set Baudrate, and press 'Re Don't care ab	romi-SD will be configured and . Parity, Stopbit and H/W flow gister'. out port number if you don't kr	d registered control properly now what to do.	
	Port (TCP)	60001		
	Name	PSDv3b-1655AA		
	Baudrate	115200 💌		
Register Promi-SD to Promi-MSP	Parity	None 💌		
to Promitmort.	Stopbit	1 -		
	🔽 Using Hardv	ware Flow Control (CTS/RTS)		
			Register]
		< Back	Next >	Cancel

If the setup is made as above, the communication with Promi-SD is conducted through the #60001 TCP port. Promi-SD is set as Mode 1, 115200-8N1-HW.

Press "Next" to move to the next step.

8) Check whether communication is properly conducted under the registered setting.

Test the communication status by pressing the "Test Start" button. When the test is successfully completed, the dialog box saying "Communication is properly operating" appears.

Promi-MSP Configuration Wizard	\mathbf{X}
Test SD	In this step, wizard verifies that Promi-MSP and Promi-SD work together as expected. Press 'Test I' to initiate test sequence. Mark checkbox below to register another Promi-SD, if any, and press 'Next'.
Check if Promi-MSP and Promi-SD work together properly.	Test !
	< <u>B</u> ack <u>N</u> ext > <u>C</u> ancel



If there are more Promi-SDs to register, check "Register another Promi-SD" at the bottom of the dialog box and then press "Next". It brings the user to the 6th step of Search Promi-SD. Connect the new Promi-SD to the serial port for registration, and repeat the same process again from #6. Press "Next" to complete all settings. (* Make sure that the duplicated port number is not acceptable.)

Promi-MSP Configuration Wizard	
Congratulation	
	Configuration is completed.
	If using serial-port redirector, refer to Serial/IP userguide please.
	You can export Promi-MSP configuration to Serial/IP by pressing "Export to Serial/IP preset".
Promi-MSP is ready.	
	Export to Serial/IP preset
	<u>Kack</u>



3.2 Wireless module installation



<Fig. 1>

- 1) Open the back side cover of OP Box.
- 2) Disconnect "IO to FDD Power Cable" [Refer to Fig. 1]



<Fig. 2>

3) Connect Power cable including SENS Package. [Refer to Fig. 2]



<Fig. 3>

- 4) Connect the module at the port of OP Box's bottom side after open the port cover. [Refer to Fig. 3] At that time, you must fix the screws of module.
- 5) Connect power cable' s DC jack at the module.
- 6) Verify that the power switch of module is located in "ON".



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4. Installation and functional description of SENS

4.1 Installaton of SENS

- 1) Run Setup.exe from the enclosed CD.
- 2) In the below figure, you can select the folder in which SENS will be installed. The default folder is C:\Program Files\SWF.
 - To install into a different folder, click Browse, and select another folder.

멸 SENS		×
Destination Location		
Setup will install SENS in the following fo	lder.	
To install into a different folder, click Brow	wse, and select another folder.	
You can choose not to install SENS by c	clicking Cancel to exit Setup.	
← Destination Folder		
C:\Program Files\SWF		B <u>r</u> owse
Sens Installation Wizard	< <u>B</u> ack <u>N</u> ext >	Cancel

<Dialog box for folder selection>

물 SENS	×
	SENS has been successfully installed.
	Press the Finish button to exit this installation.
	< Back Finish Cancel

3) After installation, you may back up the old version in embroidery machine, replace the version for SENS. (Refer to the embroidery machine user manual.)



4.2 Registration of embroidery machines.

1) Setup menu of SENS

File	unstar Embroidery Netwo Tools Help	ork System	- Sens								IX
0%	Network Setting Preference	Needle 8 0	RPM 600 0	Design Name 2[A-270-7] No Design	C Stitch 1314 0	T Stitch	Progress 36%	Stop	Status	Today W.T. 	

(1) Network Setting : This is the menu for registering an embroidery machine to the SENS program.

Network Setting					x
Company Nam	ie Tyj	pe Your Company			
	lame mc1 mc2 2	Serial Number 1212112 13513131 V 3) (Ip Address 192.168.200.205 192.168.200.204 ↓ ④	Port 60003 60004 ¥ (5)
					60000
Add	Remo	We Move Up	Move Do	wn Update (Close
6		8	9		

- **No.** : Machine number
- ② Name : Management name of each machine
- ③ Serial Name : Serial number of each machine
- (4) IP Address : IP Address of a Promi-MSP
- ⑤ Port : Port number allocated to a Promi-SD (The port number should be between 60000 and 65000) The port number shall be same to the port number set in Promi-SD. The port number of Promi-SD should be different from each other.



- 6 Add : Register a new embroidery machine.
- ⑦ **Remove** : Delete a registered embroidery machine from the list.
- (8) **Move Up** : Move the registration number of the selected embroidery machine upward.
- (9) **Move Down** : Move the registration number of the selected embroidery machine downward.
- (1) **Update** : Change the Setting value of the registered embroidery machine.
- ① **Close** : Close the registration window.
- (2) **Preference** : Set the retention period of work history.

Preference	j	×
Event List Keeping Day	60	
Work List Keeping Day	90	
ОК	Cancel	

4.3 Functional description of SENS

1) Basic Machine Information Summary – It shows the basic information of each embroidery machine.



- 1 No. : Number of each machine
- ② M/C Name : Management name of each machine
- ③ Needle : Number of current needle bar at each machine
- **RPM** : RPM of each machine
- ⑤ Design Name : Design name of each machine
- ⑥ C Stitch : Number of current stitches
- T Stitch : Total number of stitches of a design
- (8) Progress : Current work progress at each machine
- (9) Status : Status of each machine
- 10 Today W.T. : Total work hours of each machine so far



2) Detailed Info Screen

(1) Working Status – It displays the current work status.



① Machine Information



② Design View: It displays the progress of the current embroidery work.



③ Working Condition



④ Working Time





(2) Needle Bar Sequence



① Needle Bar No. : It sets needle bar number

② Setup Buttons



③ Thread Color Table : Thread color table.

(3) Thread Break



② Thread Breaks info window : It shows the thread breaks information by head and needle bar, respectively.



(4) Design Transfer



Local : It shows the design files saved in PC



2 Transfer



③ Embroidery Machine





(5) Settings : It changes the set values of embroidery machine (Refer to the embroidery machine manual) After the set values are changed, "Apply to Emb." shall be pressed to apply the changed value to the embroidery machine.

6 : Secondary View	t mol		
2	Settings		
25			
Working Status	X-Scale	100 %	Apply to Emb.
00000	Y-Scale	100 %	Apply to Ellipt
<i>1</i> (11)	Angle	0%	
Needle Bar	Mirror	No	
Sequence	X-Satin	0	
And and	Y-Satin	0	
Thread break	Start Stitch	0 stitch	
Settings	Practime Setting Lenerousity Function (Prac	-	
			Close
Secondary View	: mc1		
沆	Settings	_	
orking Status	Auto Origin Return		Apply to Emb.
00000	Inching Stitch	2 stitch	Tippiy to Lindi
<i>UCH</i>	After Trimming, Inching Stitch	3 stitch	
Needle Bar	Auto Start After Trimming		
Sequence	Auto Backtack	Startback	

2 stitch

Thread break

08 Design Transfer 踻

> Settings B

Auto Back Stitch

Machine Setting Embroidery Function Machine Function

式	Settings		
Working Status	Upper Thread Cutting Sensor	3 stitch	Apply to Emb.
000000	Auto Trimming		
K (K)	Auto Color Change		
Sequence	Speed	=	
	Maximum	1200 rpm	
do -	Minimum	300 rpm	
Thread break	Jump	1000 rpm	
	Inching	100 rpm	
8.4	Slow	650 rpm	
)esign Transfer	Power On Auto Origin		
Settings	Machine Setting Embroidery Function Mac	hine Function	

(6) Work History

SENS : Secondary View	: t10501nowire Work History Event List		Work List	
Needle Bar Sequence JO Thread break	Date Time \$3(03/2006 02:51:18 PM 03/09/2006 02:50:33 PM 03/09/2006 02:50:27 PM 03/09/2006 02:50:25 PM 03/09/2006 02:50:22 PM 03/09/2006 02:50:22 PM	Notice Run Idle Stop Stop Connect Stop Stop Stop	Date lime Des 03/09/2006 03:06:03 PM Tota	ign name Stitch Work lime SWF 10171 0:14:44 il 1 dgn 10171 0:14:44
Design Transfer	3) 1/2006 ▼ - 3/ 9:00:08.AM ± - 5:0	9/2006 V Search 0:00 PM Remove	3/ 1/2006 • 3/ 9/20 9:00:00 AM • 5:00:00	D6 V PM Remove Report
				Close
				2

① Event List : It searches and inquires events occurred.

Date	Time	Notice				
03/09/2006	02:51:18 PM	Run				
03/09/2006	02:50:33 PM	Idle				
03/09/2006	02:50:27 PM	Stop				
03/09/2006	02:50:26 PM	Stop				
03/09/2006	02:50:25 PM	Connect			-	 List of events occurred
03/09/2006	02:50:24 PM	Stop				
03/09/2006	02:50:22 PM	Stop				
3/ 1/2006	• 3/	9/2006] Æ	Search]-	 Search based on conditions
9:00:00 AM	÷ 5:0	0:00 PM	7	Remove]-	 Deletes event list

They set the conditions for event search.



					1	
Date	Time	Design name	Stitch	Work T	ïme	
03/09/2006	03:06:03 PM	SWF	10171	0:14:4	44	
		Total 1 dgn	10171	0:14:4	44	
					_	
					_	
					-	 List of completed
					_	
					_	
					_	
31 1/2006	• 3/	9/2006	Search			
9:00:00 AK			Bemov	e Re	port	
5.80100 AI			(child t			
Search	conditions for com	pleted work		a		
ⓐ Work Sear	ch Button					
ⓐ Work Sear	ch Button on conditions ——	Search				
Work Sear Search based	ch Button on conditions ——	→ Search	Repor	t → Bi	acks up the	list of works in text
a Work Sear Search based De	ch Button on conditions —— letes work list ——	→ Search → Remove	Repor	t - Bi	acks up the	list of works in text
a Work Sear Search based De	ch Button on conditions —— letes work list ——	→ Search → Remove	Repor	t - B	acks up the	list of works in text
a Work Sear Search based De	ch Button on conditions —— letes work list —— 283 - Notepad	→ Search → Remove	Repor	t - B	acks up the	e list of works in text
a) Work Sear Search based De Case File	ch Button on conditions —— letes work list —— 283 - Notepad t Format View Help	→ Search → Remove	Repor	t - Bi	acks up the	e list of works in text
a) Work Sear Search based De Image: mail of the search based	ch Button on conditions —— letes work list —— 283 - Notepad t Format View Help	→ Search → Remove	Repor	t - B	acks up the	e list of works in text
Work Sear Search based De De File Ed Dat	ch Button on conditions —— letes work list —— 283 - Notepad t Format View Help	→ Search → Remove	Repor	t - Bi	acks up the	e list of works in text
Work Sear Search based De C38 File Edi Dat	ch Button on conditions — letes work list — 283 - Notepad t Format View Help :e : 03/1 chine Name : mc1	→ Search Remove → Remove 0/2006 05:21:36 PM	Repor	t - B	acks up the	e list of works in text
a) Work Sear Search based De Image: Comparison of the search based Image: Comparison of the search bas	ch Button on conditions —— letes work list —— 203 - Notepad t Format View Help :e : 03/1 thine Name : mc1 thine Name : c382 erv Date : From		Repor	t → Β	acks up the	e list of works in text
Work Sear Search based De De C36 File Edi Dat Ser Que	ch Button on conditions — letes work list — 283 - Notepad t Format View Help t Format View Help t Format View Help t e : 03/1 thine Name : mc1 tial Number : c382 ery Date : From To	✓ Search Remove ✓ Remove ✓ 00/2006 05:21:36 PM 8201 03/10/2006 09:00: 03/10/2006 05:00:	Repor	t - Bi	acks up the	e list of works in text
Work Sear Search based De C38: File Edi Dat Ser Que	ch Button on conditions — letes work list — 283 - Notepad t Format View Help te : 03/1 thine Name : mc1 thine Name : c382 ery Date : From To	→ Search Remove → Remove 0/2006 05:21:36 PW 8201 03/10/2006 09:00: 03/10/2006 05:00: T A B	Repor	t - B	acks up the	e list of works in text
Work Sear Search based De C38 File Ed Dat Mac Ser Que	ch Button on conditions — letes work list — 283 - Notepad t Format View Help :e : 03/1 thine Name : mc1 thine Name : mc1 thine Name : c382 ery Date : From To Date Ti	✓ Search Remove ✓ Remove ✓ 0/2006 05:21:36 PM 8201 0/3/10/2006 09:00: 03/10/2006 05:00: T A B me Design	Repor	t Ba	acks up the	e list of works in text
Work Sear Search based De C38; File Edi Dat Mac Ser Que	ch Button on conditions — letes work list — 283 - Notepad t Format View Help thine Name : mc1 thine Name : mc1 thine Name : c382 ery Date : From To Date Ti 03/10/2006 03:25	→ Search Remove → Remove 0/2006 05:21:36 PM 8201 03/10/2006 09:00: 03/10/2006 05:00: T A B me Design :25 PM 2[A-2]		t - Bi	work Time	e list of works in text
Work Sear Search based De De Index Sear Que	ch Button on conditions letes work list 283 - Notepad t Format View Help t Format View Help t Format View Help t al Number : c382 ery Date : From Date Ti Date Ti 03/10/2006 03:25	★ Search Remove Work L work L Work L 0/2006 05:21:36 PW 8201 03/10/2006 09:00: 03/10/2006 05:00: T A B me Design :25 PM 2[A-2 Total	Repor	t - Ba	work Time 0:03:58 0:03:58	e list of works in text
Work Sear Search based De C36 File Edi Dat Mac Ser Que	ch Button on conditions — letes work list — 283 - Notepad t Format View Help :e : 03/1 thine Name : mc1 thine Name : mc1 thine Name : c382 ery Date : From To Date Ti 03/10/2006 03:25			t - Bi	work Time 0:03:58	e list of works in text
Work Sean Search based De	ch Button on conditions — letes work list — 283 - Notepad t Format View Help te : 03/1 thine Name : mc1 tial Number : c382 ery Date : From To Date Ti 03/10/2006 03:25	✓ Search Remove ✓ Remove ✓ O/2006 05:21:36 PW 8201 03/10/2006 09:00: 03/10/2006 05:00:	Repor .ists .ists .oo AM .oo PM L E Name St .ro-7] 1 dgn	t - Ba	work Time 0:03:58 0:03:58	e list of works in text
Work Sean Search based De	ch Button on conditions — letes work list — 283 - Notepad t Format View Help :e : 03/1 thine Name : mc1 ial Number : c382 ery Date : From To Date Ti 03/10/2006 03:25		Repor	t Ba	work Time	e list of works in text

② Work List : It searches and inquires the completed embroidery works.

Appendix A. How to set-up database

After installation of SENS with installation wizard if SENS could not run normally, you may set up database(ODBC) by manual.

(1) On the Windows' control panel, go to Administrative Tools and then Data Sources(ODBC).



(2) If you can not find SENS in the list Box of user data sources, press "Add" and go to step (3) Otherwise please contact system administrator.

Name IBASE Files Excel Files MS Access Databa:	Driver Microsoft dBase Driver (*.dbf) Microsoft Excel Driver (*.xls) se Microsoft Access Driver (*.mdb)	Add Remove
		_





(3) Select "Microsoft Access Driver(*.mdb)".

	Name	<u> </u>
	Driver da Microsoft para arquivos texto (*.txt; *.csv)	4
	Driver do Microsoft Access (*.mdb)	4
	Driver do Microsoft dBase (".dbf)	4
	Driver do Microsoft Excel(".xis)	4
E Frank	Driver para o Microsoft Visual FoxPro	6
E Simil	Microsoft Access Driver (* mdb)	4
E MAN.	Microsoft Access-Treiber (*.mdb)	4
	Microsoft dBase Driver (*.dbf)	4 👡
	Microsoft dBase VED Driver (* dbf)	
		1

(4) Enter SENS in the Data Source Name field, and press "Select".

ODBC Microsoft Access Setup	?×
Data Source Name:	ОК
Description:	Cancel
Database:	Help
Select Create Repair Compact	Advanced
System Database	
None	
C Database:	
System Database	Options>>

(5) Find the sens.mdb file and press "OK".

Database Name	Directories:	OK
sens.mdb	d:₩₩desktop₩icon	Cancel
sens.mdb	C→ Documents and Se C→ tech C→ Desktop P→ ICON C→ DAEMON Tool: C→ SENS	Help F Read Only Exclusive
List Files of Type:	Drives:	

(6) When the OK button is pressed, the database setup process will be completed.

ODBC Microsoft A	Access Setup	?×
Data Source Name:	sens	ОК
Description: Database		Cancel
Database: D:₩t	∀tech₩Desktop₩ICON₩sens.mdb	Help
Select	Create Repair Compact	Advanced
System Database None		
C Database:	System Database	Options>>