Dear customer,

Congratulations on your upgraded System 6000 MKII mainframe!

How to find the IP address of your System 6000 MKII mainframe:

The System 6000 MKII has been reset, and therefore the IP address is reset to a default value. The default value is based on the last two digits of the mainframe serial number found on the back plate label.

The general rule follows this scheme:

Serial: nnnnxx -> IP address:192.168.1.0xx,

If the serial ends with "00", the IP address will be 192.168.1.100.

Examples: Serial: 2896<u>03</u> -> IP: 192.168.1.<u>3</u> Serial: 2896<u>79</u> -> IP: 192.168.1.<u>79</u> Serial: 2897<u>00</u> -> IP: 192.168.1.<u>100</u>

Running the original ICON hardware and ICON Software Editor with the MKII mainframe

To be able to run your System 6000 MKII mainframe with the original ICON hardware (Remote CPU System 6000) or PC/MAC software editor, you need to upgrade those to the latest version, found on the CD that came with the upgrade.

This upgrade procedure is described on the following pages of this document.

Further information on software upgrades can be found at www.tcelectronic.com.

TC Electronic support can be reached at www.tcelectronic.com/support

We hope you will have a lot of creative and interesting working hours with your System 6000. Feel free to contact us with any comments or questions via info@tcelectronic.com.

TC Electronic

Upgrading TC Icon MkI (Remote CPU System 6000)

- 1. From Windows 7 via shared folder
- 2. From Windows XP SP3 via shared folder
- 3. From Mac OS 10.5/10.6 via shared folder
- 4. Via floppy disk from M6000/R6000 MKI
- 5. Troubleshooting

1. Sharing for Windows 7 to ICON MKI (crossed ethernet cable)

Connect you computer directly to the ICON via a crossed ethernet cable.

You only need two protocols to communicate with the NT4 OS on the MKI, so disable all others and reboot the PC if necessary.

🕌 Local Area Connection Properties 🛛 🖾
Networking Sharing
Connect using:
Intel(R) PRO/1000 MT Server Connection
Configure
This connection uses the following items:
Client for Microsoft Networks Gos Packet Scheduler Gos Packet Scheduler File and Printer Sharing for Microsoft Networks Intermet Protocol Version 6 (TCP/IPv6) Intermet Protocol Version 4 (TCP/IPv4) Link-Layer Topology Discovery Mapper I/O Driver Link-Layer Topology Discovery Responder Intermet Interme
Description Allows your computer to access resources on a Microsoft network.
OK Cancel

In IPv4, you need to fill in the IP address and Subnet mask.

The default IP address of the ICON MKI is 192.168.1.125, so set the IP address of your PC to 192.168.1.xxx, where xxx is different from 125.

Example: 192.168.1.124

The Subnet mask must be set to 255.255.255.0

Check your IP on the setup page on your ICON, and adjust accordingly.

Internet Protocol Version 4 (TCP/IPv4) Properties					
General					
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.					
Obtain an IP address automatical	Obtain an IP address automatically				
Ouse the following IP address:					
IP address:	192 . 168 . 1 . 124				
Subnet mask:	255.255.255.0				
Default gateway:	· · ·				
 Obtain DNS server address auton 	natically				
Use the following DNS server add	resses:				
Preferred DNS server:					
Alternate DNS server:	· · ·				
Validate settings upon exit	Advanced				
	OK Cancel				

Then go to C:\ in "COMPUTER" and create a folder named "icon" (or any other name), to which you copy the file "Icon.cab" from the CD.

🕽 🔵 🗢 💒 🕨 Computer	► Local Disk (C:) ►			- 4 ∳	Search Local Dis	k (C:)	,
Organize 🔻 🛛 🛜 Open	Include in library 🔻	Share with 🔻	Burn	New folder		-	0
🔆 Favorites	Name		Date	e modified	Туре	Size	
Nesktop	🎉 PerfLogs		14-0	07-2009 04:37	File folder		
🗼 Downloads	퉬 Program Files		14-0	07-2009 09:50	File folder		
Recent Places	鷆 Users		06-0	05-2010 16:20	File folder		
	퉬 Windows		06-0	05-2010 13:35	File folder		
🥽 Libraries	🍌 icon		27-0	05-2010 10:07	File folder		
Documents							
J Music							
Pictures							
H Videos							
Nomputer							
🗣 Network							
icon Date r File folder	modified: 27-05-2010 10:07						

Right-click the folder and click "Share with", then "Specific people..."



From the dropdown, select "Everyone" and click "Add".

Make sure the Permission Level is set to "Read" or "Read/Write".

Choose people on your netwo	rk to share with
ype a name and then click Add, or clic	k the arrow to find someone.
	- Add
Name	Permission Level
Severyone	Read 🔻
8	- Owner

Click "Share".

Go to the Network and Sharing center in Windows Control Panel.

Click "Change Advanced Sharing Settings".

Under "Home" or "Work" or "Public", disable "Password protected sharing":

Password protected sharing

When password protected sharing is on, only people who have a user account and password on this computer can access shared files, printers attached to this computer, and the Public folders. To give other people access, you must turn off password protected sharing.

© Turn on password protected sharing

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Turn off password protected sharing
```

The ICON MKI is now able to be updated from "\\computername\icon"

NOTE: Get your computer name by right-clicking on "COMPUTER" and clicking "Properties".

🕞 🗢 🖳 🕨 Control Panel 🕨	All Control Panel Items System	- 4, Search Control Panel
Control Panel Home Device Manager Remote settings System protection Advanced system settings	View basic information about your computer Windows edition Windows 7 Ultimate Copyright © 2009 Microsoft Corporation. All rights reserved.	•
	System Your Windows Expenses Index needs to be refreshed Processor: Intell® CoreFINUD Duo CPU T7300 2.000Hz 2.000Hz Installed memory RAMP. 20.00 B System type 32-bit Operating System Pen and Touch: No Pen or Touch Input is available for this Display	
	Computer name COMPUTERNAME Full computer name COMPUTERNAME Full computer name COMPUTERNAME.DOMAIN Computer description: Domain: DOMAIN Mit description:	🗑 Change settings
See also	windows extivated Windows is activated Change product key	genetive in even encoder Learn more online

On the ICON MKI, enter "\\computername\icon" under "TC icon Update from shared folder" on the SETUP/NET page, and press "Update from shared folder" on the Update page.

NOTE: Alternatively, you could use the ip address of your PC instead of the name (" $\underline{192.168.1.124}icon$ " for the example above).

2. From Windows XP via shared folder (crossed Ethernet cable)

Connect you computer directly to the ICON via a crossed ethernet cable.

There is no need to change any protocols on XP SP3. Go to the properties of the TCP/IP:

🕂 Local Area Connection Properties 🛛 🔹 🔀
General Advanced
Connect using:
Intel(R) PR0/1000 MTW Network C Configure
This connection uses the following items:
☑ QoS Packet Scheduler ☑ ☜ ☑ ☜ ☑ ☜ ☑ ☜ Internet Protocol (TCP/IP)
Install Uninstall Properties
Allows your computer to access resources on a Microsoft network.
 Show icon in notification area when connected ✓ Notify me when this connection has limited or no connectivity
OK Cancel

In TCP/IP, you need to fill in the IP address and Subnet mask.

As stated in the manual the default IP address of the ICON MKI is 192.168.1.125, so set the IP address of your PC to 192.168.1.xxx, where xxx is different from 125.

Example: 192.168.1.124

The Subnet mask must be set to 255.255.255.0

Check your IP on the setup page on your ICON, and adjust accordingly.

Internet Protocol (TCP/IP) Properties				
General				
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.				
Obtain an IP address automatically				
• Use the following IP address:				
IP address:	192.168.1.124			
Subnet mask:	255.255.255.0			
Default gateway:	· · ·			
Obtain DNS server address autor	natically			
Use the following DNS server add	Iresses:			
Preferred DNS server:				
Alternate DNS server:				
Advanced				
	OK Cancel			

Press OK.

Then go to C:\ in "My Computer" and create a folder named ICON(or any name), to which you copy the ICON.CAB file:



Right-click the folder and press "Sharing and security". Check the Box for "share this folder on the network". Press "Apply" and "OK":



The ICON MKI is now able to be updated from "\\computername\icon".

NOTE: Get your computer name by right-clicking on "MY COMPUTER" and clicking "Properties".



On the ICON MKI, enter "\\computername\icon" under "TC icon Update from shared folder" on the SETUP/NET page, and press "Update from shared folder" on the Update page.

NOTE: Alternatively, you could use the ip address of your PC instead of the name (" $\192.168.1.124\con$ " as stated in the example above).

3. From Mac OS 10.5/10.6 via shared folder:

Create a folder named "icon" (or any other name) in your home folder and copy the file "icon.cab" into it. (in this case /Users/tcpm/icon)

00		icon		\Box
			٩	
▼ DEVICES	Shared Folder			and the second
10.6.3	Applications	Shared 🕨	💼 Desktop 🕨 🕨	lcon.cab
	🔤 Library 🕞	👚 tcpm 🕨 🕨	Documents	
	📓 System 🕨		Downloads ►	
	🔝 Users 🕨 🕨		🚞 icon 🕨 🕨	
			🔤 Library 🕨 🕨	
			Movies 🕨	
			Music ►	
			Pictures	
			Public F	
			Sites 🖻	
▼ SHARED				
		н	н	
	C) + >
	1 item, 304.	97 GB available		1.

Enable "File Sharing" under "Sharing" in the System Settings.

Add "icon" to the shared folders:

- click the "+" beneath the "Shared Folders:" window
- browse to the icon folder
- click "Add".

 O Show All 	Sharing	٩	
Computer Name:	TCPM Computers on your local network can acce: TCPM.local	ss your computer at:	Edit
On Service DVD or CD Shari Screen Sharing Printer Sharing Scamer Sharing Web Sharing Remote Login Remote Apple Ev Xgrid Sharing Internet Sharing	Windows Sharing: On Windows users can access sh computer, and administrator lijam-pc.tcgroup.tc. Shared Folders: TCPM's Public Folder icon t	ared folders on this s all volumes, at smb://tce- Users: TCPM Staff Everyone + -	Options Read & Write ‡ Read Only ‡ Read Only ‡
Click the lock to pr	event further changes.		?

Enable Windows Sharing by clicking "Options..." to enable Windows Sharing (SMB) (remove others if checked)



Click "Done".

Setup Network Connection (crossed Ethernet cable):

0 0 0		Network	
Show All			٩
	Location:	Automatic	•
Ethernet 1 Connected Ethernet 2 Connected	(~~)>	Status:	Connected Ethernet 1 is currently active and has the IP address 192.168.1.124.
FireWire Not Connected	**	Configure IPv4:	Manually
		IP Address:	192.168.1.124
		Subnet Mask:	255.255.255.0
		Router:	
		DNS Server:	
		Search Domains:	
+ - *-			(Advanced) (?)
Click the lock to	prevent further	changes.	Assist me Revert Apply

Locate the "Ethernet" setup under Network in the System Settings and setup the IP Address in Manually mode as described below.

The default IP address of the ICON MKI is 192.168.1.125, so set the IP address of your Mac to 192.168.1.xxx, where xxx is different from 125.

Example: 192.168.1.124

The subnet mask must be set to 255.255.255.0

Check your IP address on the setup page on your ICON, and adjust accordingly.

The ICON MKI is now able to be updated from "\\computername\icon" (\\tcpm\icon in this example)

NOTE: Get your computer name from "File Sharing" under "Sharing" in the System Settings – See section "Computer name".

On the ICON MKI, enter "\\computername\icon" under "TC icon Update from shared folder" on the SETUP/NET page, and press "Update from shared folder" on the Update page.

Alternatively, you could use the ip address of your Mac instead of the name (" $\underline{192.168.1.124}icon$ " as stated in the example above).

4. Via floppy from M6000/R6000 MKI

This procedure may be used if you have access to an original System 6000 frame with floppy drive.

On the PC, copy the Icon.cab to a floppy disk.

Insert the floppy into the System 6000 frame.

On TC Icon, go to the Setup/Update page. Press "Update TC Icon from device". If you have multiple frames connected, you can browse through them to select the one where the floppy was inserted.

Update progress will start with "Copying TC Icon software from "frame"....please wait"

Update progress will end with the Icon application restarting. The new version number may be checked on the setup page.

5. Troubleshooting

Section 1-2: The guides for Windows 7 and XP SP3 were made on freshly installed OS's and there was no Antivirus/Firewall/Malware protection installed on the PC. If you experience problems, make sure to disable these features if installed and reboot.

Another issue could be if you run your PC on a DOMAIN based network.

In this case, contact your network/domain administrator, as your computer needs to have a password on the Administrator local account.

It has to be set up like this:

USER: Administrator

Password: Administrator

(Note the capital A in the password as this is case sensitive)

A reboot of the PC and Icon hardware can sometimes solve issues, as settings changed in TCP/IP are not used until system is rebooted.

Section 3 (Floppy upgrade from Frame):

If update progress stops with a "Could not copy icon.cab file from "frame", your floppy disk may be defective.