



NETWORK ADMINISTRATOR MANUAL Configuring an Evolis printer on a TCP/IP port (Ethernet)

Evolis Card Printer © 2010. All rights reserved. February 2010. Ref. KU19E Rev.B0

Introduction
Section 1 - General remarks
Section 2 - Evolis printer configuration settingsp.3
2-1 VIEWING THE SETTINGS p.3
2-2 ACCESS TO THE ADMINISTRATION WEB PAGE
2-3 INTERFACE PROPERTIES p.3
2-4 PROTOCOLE TCP/IP p.4
2-5 MAC ADDRESS
Section 3 - Configuring a TCP/IP port
3-1 INSTALLATION VIA THE EVOLIS TCP/IP PORT
3-2 INSTALLATION VIA THE STANDARD WINDOWS PORT p.7
Section 4 - Examples of printer configuration
4-1 CONFIGURING A PRINTER IN DHCP MODE, LOCATED ON A SUB-NETWORK
4-2 CONFIGURING A PRINTER WITH A FIXED IP ADDRESS, ON A SUBNET WITH WINS RESOLUTION
4-3 CONFIGURING A PRINTER WITH A FIXED IP ADDRESS, ON A SUBNET WITHOUT WINS RESOLUTION p.14 et 15
Section 5 - Printer configuration using escape
sequences

Introduction

This manual describes how to configure an Evolis printer connected to a TCP/IP network, also known as an Ethernet network.

This information is intended for well-informed readers who are specialists in computer networking. The examples given are based on Windows XP.

Changing the printer's basic settings, without prior knowledge of the layout of the LAN in question or without genuine technical knowledge may result in a malfunction of the printer, and may even extend to a more widespread failure of all or part of the LAN.

Contact your System and Network Administrator before connecting to or changing the settings for your local area network.

Section 1 - General remarks

All Evolis printers have the benefit of a TCP/IP network connection mechanism. This feature is available as standard or as an option, depending on the model in the range.

Out of the box, the printer comes configured in DHCP mode (Dynamic Host Configuration Protocol), which means that its IP address is supplied by the network.

In addition to these basic settings, the network administrator has the option of configuring the printer differently in order to comply with the constraints imposed by the corporate LAN:

- Printer connected in a subnet, in DHCP
- Printer connected within a subnet with fixed IP address, with WINS resolution
- Printer connected within a subnet with fixed IP address, without WINS resolution

The printer may be identified on the network according to:

- Its hostname (NETBIOS)
- Its IP address
- Its serial number.

The user-definable settings are:

- The printer's IP address
- Subnet mask
- Gateway
- WINS server.

The following sections describe the procedures to be followed in order to configure the printer taking the specific features of the LAN into account.

The examples and screen images are from a Microsoft Windows environment, on the basis of which your System and Network Administrator will have full scope to configure the printer in other environments such as Mac OS X or Linux.

Section 2 - Evolis printer configuration settings

2-1 VIEWING THE SETTINGS

Each printer has an embedded http server which can be used to display configuration data. Some of this data can also be changed using this same interface.

🖉 Evolis TCP/IP - Windows I	nternet Explorer			
🕒 🗸 🖉 🕞 🕞 🕞	3_0023456/home_file	∼ €9	Google	P •
Eichier Edition Affichage Fa	voris Qutils ? ▼ Envoyer ↔ 🗇 🎦 ▼ 🏠	Mes favoris - PageRank	▼ Stopuée(s) ≫	🔘 Paramètres 🗸
😭 🍄 🌈 Evolis TCP/IP			🟠 • 🖾 - 🖶 • 🔂 Bag	e + 🕥 Oytils + "
	5			
			Evolis Ember	dded Web Server
Main Page Printer Status A	bout us			
	ATION			
I KINTER INI OKM	ATION			
 Printer model : 	Dualys 3 Mag]		
 Printer s/n : 	Z70023456]		
 Firmware # : 	0747 f.200]		
 Head Kit # : 	444-D7100017-D]		
ETHERNET				
 Hostname : 	EVO_DU3_0023456]		
 Mac address : 	00-1A-FD-00-5B-A0			
 IP address : 	192 . 168 . 2 . 13			
DHCP :	Enable 💌			
 Subnet mask : 	255 . 255 . 255 . 0			
Gateway :	192.168.2.1	1		
 Wins server : 	192 . 168 . 1 . 2	1		
	Apply Changes			
			Contraction Contraction	Dista David
			Evolis Card Printers 2007. All	Rights Reserved
			Contranet local	⊕ 100% ▼ .
			G and and chocal	100.00

2-2 ACCESS TO THE ADMINISTRATION WEB PAGE

The administration page is reached by entering the address into your web browser. The address of the printer's integrated http server is determined as follows:

- The printer's hostname must be entered in lower case
- For example, for a printer having the hostname evo_du3_0023456, enter http://evo_du3_0023456
- The IP address may be entered if you don't know the printer's hostname, enter http://xxx.yyy.zzz.ttt (i.e. 192.168.2.13)
- If you don't know the hostname or the IP address, please refer to the TCP/IP Protocol subsection of this section for further details on how the hostname is structured.

2-3 CARACTÉRISTIQUES DE L'INTERFACE

Protocol: Speed: Connection:	10Base-T / 100Base-T 10Mbit/sec and 100Mbit/sec, automatic detection Auto-MDX
Link:	Full duplex
LED:	Green LED Off = 10Mbit/s On = 100Mbit/s
	Orange LED Steady = Printer connected to network Flashing = Printer connected and network traffic



2-4 PROTOCOLE TCP/IP

- IPv4 compatible
- IP address configured under DHCP (factory setting) or manually
- Raw mode printing uses the TCP/9100 port
- Name authentication is based on NBNS (NetBios Name Server)
- The printer name (hostname) is automatically set as EVO_NNN_XXXXXX, where:
 - EVO is the root for Evolis products
 - NNN varies with the printer model:
 - for Securion,
 - PB4 for Pebble 4,
 - DU3 for Dualys 3,
 - TA2 for Tattoo 2,
 - TR2 for Tattoo RW
 - QU2 for Quantum 2
 - XXXXXXX is obtained from the printer's serial number, e.g. EVO_SE1_0001234 for serial number Z710001234

• NBNS (NetBios Name Server) service via TCP for WINS resolution when the WINS server is configured.

Where the IP address is fixed, the configuration relating to the gateway, subnet masks and WINS resolution is set manually.

When the printer is configured in DHCP mode, this data is supplied by the DHCP server.

2-5 MAC ADDRESS

- Generated from the printer's serial number with the Evolis 00-1A-FD header (Evolis OUI Organisationally Unique Identifier)
- For example, for the serial number P07100001234, the MAC address is 00-01-FD-00-04-D2.
- 00-04-D2 is the hexadecimal transcription of the decimal value 001234.

Section 3 - Configuring a TCP/IP port

The installation of a printer is carried out conventionally following the method described for installing the 'Evolis TCP/IP' port.

However, when the printer's IP address is allocated by the network administrator, use of the standard 'Windows' port is an excellent alternative. Under these circumstances, please refer to the 'Installation via the Standard Windows Port' sub-section.

3-1 INSTALLATION VIA LE PORT EVOLIS TCP/IP

To configure the printer, select the 'Properties' function in your printer driver, then the 'Ports' tab, and then 'Add a port':

Available port types:	
Evolis TCP/IP Monitor Evolis USB Monitor Local Port Microsoft Document Imagi PDFCreator	ng Writer Monitor
Standard TCP/IP Port	

2 Select the '**Evolis TCP/IP Monitor**' row and click on '**Add a port**'...:

A configuration window appears, allowing you to:

- Find the printer using its serial number (see the label stuck to the back or underneath the printer, depending on the model)
- Find the printer using its hostname
- Find the printer using its IP address

earch by printer's hos arch printer by serial i	stname number		
	Entor prin	tor covial # (0 or 12 charactors)	
	Litter pri		
			Start
MAC Address	HostName	IP Address	Т
MAC Address	HostName	IP Address	I
MAC Address	HostName	IP Address	
MAC Address	HostName	IP Address	_
MAC Address	HostName	IP Address	
MAC Address ouble click the approp	HostName	IP Address P/IP port.	
MAC Address	HostName	IP Address	Add port
MAC Address	HostName	IP Address	Add port



3 Enter one of the selection criteria (serial number, IP address or hostname), then run the search by clicking the '**Start**' button.

Ethernet Settings			?	
IP port detection method Search by printer's serial n	umber			
Search printer by serial numb	er Enter printer s	erial # (9 or 13 characters)	PB09210074692	
			Start	
MAC Address	HostName	IP Address		
00:1A:FD:01:23:C4	EVO_PB4_0074692	192.168.1.145		
Double click the appropriate	row to configure the TCP/IF	port.		
				-
Enter a port name	EVO_PB4_0074692		Add port	
			Cancel	J

4 Select the desired printer from the list and click on '**Add port**' to complete the procedure.

General Sharing Ports Advanced Cold	r Management Sec	urity Graphiqu	e Utilitaires	
Evolis Pebble				
Print to the following port(s). Documents will p checked port.	rint to the first free			
Port	Description	^		
PDFCreator: Microsoft Document Imaging Writer Por XPSPort: Evo_P84_0074632 Evo_P84_0074632	PDFCreator Redire t: Local Port Local Port Evolis Port Monito	ec		
EVOUSBOO2:	Evolis Port Monito	2		
Enable bidirectional support				

A new printer port is created with the name associated with your Evolis printer.



3-2 INSTALLATION VIA THE STANDARD WINDOWS PORT

This sub-section is based on the Windows XP operating system. For another operating system version, please refer to the specific documentation.

To install a new port from the 'Start' menu, please select 'Printers and Faxes'.

Add Printer Sanver Properties Set Up Faxing Create Shortcut Delete Rename Properties Close Scances and Cameras Scances and Cameras My Documents My Pottures My Computer	d brucer nver fropertiss ver fropertiss exter Shortout leter name operties sse exter Places Scanters and Cameras My Documents My Places	Carl Contraction Contra	Tools Theip
Server Properties Set Up Faxing Protects Shortot Properties Close See Also See Also See Also See Also See Also See Also My Pocuments My Pocuments My Pocuments My Pocuments My Pocuments My Pocuments	New Properties Paxes exter Short of the part	vdd Printer	Canada California
Set Up Faxing Create Shortcat Delete Rename Properties Close See Also See Also See Also See Also See Also Control Panel Scontrol Panel My Documents My Nocuments My Nocuments My Nocuments My Computer		erver Properties	Polders
Create Shortout Delete Rename Properties Close Scales Troubleshoot printing Get help with printing Get help with printing Control Panel Scanners and Cameras My Documents My Documents My Pictures My Computer	ee Also ee Also Control Panel Scaners and Cameras My Pocuments be control Panel Contro	et Up Faxing Faxes	5
Delete Rename Properties Close See Also I Troubleshoot printing I Troubleshoot	ete name sperties see et Also (a) (c) Stroubleshoot printing (c) Scatchelp with printing (c) Scatchelp and Cameras (c) Scancers and Cameras (c) My Documents (c) My Concents	Treate Shortcut	
Rename Properties Close See Also Rename Confine Con	anne perties sse ce Also Control Panel Scanners and Cameras My Documents My Documents My Documents	Jelete	Evolis Pebble
Properties Close See Also Troubleshoot printing Get help with printing Control Panel Sconners and Cameras My Documents My Documents My Documents My Computer	perties perties pert	tename	Offline
Close See Also Get help with printing Get help with printing Get nelp with printing Control Panel Get Computer My Documents My Pictures My Pictures My Computer	ee Also ee Also e Also for troubleshoot printing Get help with prin	roperties	~
See Also Troubleshoot printing Get help with printing Other Places Control Panel Scanners and Cameras My Documents My Poctures My Computer	ee Also	lose	
See Also Image: Control Panel Image: Control Panel Image: Control	ee Also Troubleshoot printing Get help with printing Get help with printing Control Panel Scanners and Cameras My Documents My Documents My Documents		
	Troubleshoot printing Get help with printing Centrol Panel Scanners and Cameras My Potuments My Contents My Content My Conte	See Also	*
Troubleshoot printing Get help with printing Centrol Panel Control Panel Control Panel My Documents My Pictures My Conputer My Computer	2) Troubleshoot printing 3) Get help with printing 4 ther Places 4 Control Panel 5 Scanners and Cameras 4 My Documents 4 My Decuments 4 My Constructs 5		
Get help with printing Dther Places Control Panel Scanners and Cameras My Documents My Pictures My Computer		? Troubleshoot printing	
Other Places Image: Control Panel Scanners and Cameras My Documents My Pictures My Computer	ther Places Control Panel Control Panel Control Panel Control Panel My Documents My Plotures My Constants		
Other Places Image: Control Panel Scanners and Cameras My Documents My Pictures My Computer	ther Places Control Panel Scanners and Cameras My Documents My Platures	 Get help with printing 	
Under Vlades Control Panel Sconners and Cameras My Documents My Polctures My Computer	Control Panel Scaners and Cameras My Documents My Partures	 Get help with printing 	
Control Panel Conners and Cameras Conners and Cameras My Documents My Pictures My Computer My Computer	Control Panel Control Panel Control Panel Control Panel My Documents My Documents My Controls	Get help with printing	
Scanners and Cameras My Documents My Plotures My Computer	Scanners and Cameras My Documents My Pictures My Commonse	Get help with printing Other Places	۲
My Documents My Pictures My Computer	My Documents My Pictures	Get help with printing Other Places Control Panel	8
My Pictures	M Pictures	Get help with printing Other Places Control Panel Scanners and Cameras	۲
My Computer	My Pictures	Get help with printing Other Places Control Panel Control Panel Control Panes and Cameras Mu Documents	٨
Wy Computer	Marco Companya da ana	Get help with printing Other Places Control Panel Sonners and Cameras My Documents My Documents	۲
	g my comparer	Get help with printing Other Places Control Panel Scanners and Cameras My Documents My Pictures	۲
		Get help with printing Other Places Control Panel Scanners and Cameras My Pictures My Pictures My Computer	8
a t i		Get help with printing Other Places Control Panel Scanners and Cameras My Documents My Pictures My Computer	۲

igcup From the tool bar in this window, select '**Files**' and then '**Server Properties**'.

Print Se	rver Properties	? 🛽
Forms Po	rts Drivers Adva	nced
ð	SUPPORT2	
Ports on the	nis server	
Port	Description	Printer
LPT1:	Printer Port	
LPT2:	Printer Port	
LPT3: COM1-	Printer Port	
COM1.	Serial Port	
COM3	Serial Port	
COM4:	Serial Port	
FILE:	Print to File	ar a anazaran
USB007	Virtual printer por	t fo Evolis Pebble 🛛 🐱
Ad	i Port	Delete Port Configure Port
		OK Cancel Apply

2 Select the '**Ports**' tab and click the '**Add Port...**' button.

Printer Ports	2
Available port types:	
Evolis TCP/IP Monitor Evolis USB Monitor Local Port Microsoft Document Imagin PDFCreator	g Writer Monitor
Standard TCP/IP Port	
New Port Type	New Port Capcel

🕄 A window displays all available ports, select '**Standard TCP/IP Port**' then click on '**Add Port**'.

Add Standard TCP/IP Printer	Port Wizard	×
	Welcome to the Add Standard TCP/IP Printer Port Wizard	
	You use this wizard to add a port for a network printer.	
	Before continuing be sure that: 1. The device is turned on. 2. The network is connected and configured.	
	To continue, click Next.	
	< Back Next > Canc	el

() The Windows installation wizard starts up, click on **'Next**' to continue.

Add Standard TCP/IP Printer Por	rt Wizard	×
Add Port For which device do you wan	it to add a port?	
Enter the Printer Name or IP a	address, and a port name for the desired device.	
Printer Name or IP Address:	192.168.2.13	
Port Name:	IP_192.168.2.13	
	< Back Next >	Cancel

5 Enter the printer's IP address in the first field, then click on '**Next**'.

Additional Por The device	t Information Required could not be identified.	d		
The device is no	t found on the network. B	e sure that:		
 The device is The network The device is The address If you think the a the address and 	turned on. is connected. properly configured. on the previous page is c ddress is not correct, click perform another search or type below.	orrect. « Back to return to the p n the network. If you ar	revious page. T e sure the addre	hen correct ss is correct,
select the device				
select the device				
select the device Device Type Standard	Generic Network Card			•
select the device Device Type – Standard C Custom	Generic Network Card			

6 Select the network card then click on 'Next'.

Add Standard TCP/IP Printer	Port Wizard				×
	Complet TCP/IP You have sele	ting the Ad Printer Po cted a port with th	dd Standa ort Wizar e following chara	ard d cteristics.	
	SNMP: Protocol: Device: Port Name: Adapter Type:	No RAW, Port 9100 192.168.2.13 IP_192.168.2.13 Generic Network	i Card		
	To complete th	nis wizard, click Fir	nish.		
		< Back	Finish	Cancel	

7 The installation confirmation window is displayed, stating your printer's properties. Click on 'Finish' to complete the installation.

Section 4 - Examples of printer configuration

In this section, you will find three configuration examples illustrating the settings to be configured, along with the search method and selection of the printer on the network.



This list is not exhaustive, and your network administrator is free to contact your Evolis dealer for further information.

4-1 CONFIGURING A PRINTER IN DHCP MODE, LOCATED ON A SUB-NETWORK



Under these circumstances, the DHCP server supplies the printer's IP address, along with the subnet mask, gateway and WINS server parameters.

http://evo.du	3 0023456/home_file	V 4 X Google	
chier Edition Affichage Fa	avoris Outils ?		
oogle G-	💌 Envoyer 🗄 🍏 🎒 👻 🏠 Mes fa	voris 🕶 🎴 PageRank 🗸 🔕 98 bloquée(s) ≫	🔘 Paramè
🕸 🌈 Evolis TCP/IP		🟠 • 🔊 - 🖶 • 🔂	Page 👻 🍈 Outils
	5		
	5		
		Evolis Er	mbedded Web Serve
Main Page Printer Status A	ibout us		
PRINTER INFORM	ATION		
Printer model :	Dualys 3 Mag		
 Printer s/n : 	Z70023456		
 Firmware # : 	0747 f.200		
 Head Kit # : 	444-D7100017-D		
ETHERNET			
Hostname :	EVO_DU3_0023456		
 Mac address : 	00-1A-FD-00-5B-A0		
• IP address :	192 . 168 . 2 . 13		
• DHCP :	Enable 💌		
Subnet mask :	255 . 255 . 255 . 0		
Gateway :	192 . 168 . 2 . 1		
• Wins server :	192 . 168 . 1 . 2		
	Analy Channes		
	Apply Changes		
	Apply Changes	B Evolis Card Printers 2007	7 All Rights Reserve

Under these circumstances, the printer search when adding the Evolis TCP/IP port is run as follows (see Section 3):

- Find the printer using its serial number or hostname
- Enter the search criterion then click on Start
- Once the printer has been found, double click to select it from the list

and an and an a	Advanced Color Man	agement Sec	urity Graph	ics Tools		
Evolis Pebble						
Print to the following port(s) hecked port.	. Documents will print to	the first free				
Port	Description	Printer	~			
EVOUSB002	Evolis Port Moniteur					
EVOUSB003	Evolis Port Moniteur					
EVOUSB005	Evolis Port Moniteur					
EVOUSB006	Evolis Port Moniteur		12			
EV0_DU3_0068070	Port Moniteur Evolis		_			
EV0_PB4_0118512	Evolis Port Monitor	Evolis Pebbl	e M			
v						
Add Port	Delete Port	Configure F	Port			
Add Port	Delete Port	Configure F	Port			
Add Port	Delete Port	Configure F	Port			
Add Port	Delete Port	Configure F	Port			
Add Port	Delete Port	Configure F	Port			
Add Port	Delete Port	Configure F	Port			
Add Port	Delete Port	Configure F	Port			
Add Port	Delete Port	Configure F	Port			
Add Port	Delete Port	Configure F	Port			
Add Port	Delete Port	Configure F	Port			
Add Port	Delete Port	Configure F	Port			
Add Port	Delete Port	Configure F	Port			
Add Port	Delete Port	Configure F	Port			
Add Port	Delete Port	Configure F	² ort			
Add Port	Delete Port	Configure F	² ort			
Add Port	Delete Port	Configure F	² ort			

• Click on 'Add Port...' to complete this procedure.

4-2 CONFIGURING A PRINTER WITH A FIXED IP ADDRESS, ON A SUBNET WITH WINS RESOLUTION



The printer's IP address is set manually by the network administrator. The administrator also configures the subnet, gateway and WINS server settings.





Under these circumstances, the printer search when adding the Evolis TCP/IP port is run as follows (see Section 3):

- Find the printer using its serial number, hostname or IP address
- Enter the search criterion then click on 'Start'
- Once the printer has been found, double click to select it from the list

unciu	Sharing	Ports	Advanced	Color Manage	ement	Security	Graphics	Tools		
9	Evolis P	ebble								
Print to checke	the followir d port.	ng port(s). Documents	will print to the	e first fre	ee				
Port			Descriptio	n	Printer		~			
	VOUSBOO2 VOUSBOO3	2	Evolis Port Evolis Port	Moniteur Moniteur						
	VOUSBOO	0 0068070	E volis Port E volis Port Port Monite	Moniteur Moniteur eur Evolis						
	V0_PB4_0	118512	Evolis Port	Monitor E	Evolis F	Pebble	~			
<						>				
A Enat	odd Port	onal sup	Delete F	Port	Config	gure Port				
A Enat	vdd Port	onal sup looling	Delete F	r'ort	Config	ure Port				

• Click on 'Add Port...' to complete this procedure.



4-3 CONFIGURING A PRINTER WITH A FIXED IP ADDRESS, ON A SUBNET WITHOUT WINS RESOLUTION



The printer's IP address is set manually by the network administrator. The administrator also configures the subnet and gateway settings. The WINS resolution parameters are set to zero.

C Evolis TCP/IP - Windows In	iternet Explorer		
🚱 🗸 🖉 http://evo_du3_	_0023456/home_file	🖌 🔶 🗙 Google	₽ •
Fichier Edition Affichage Fav	oris Outils ?		
Google G-	💌 Envoyer 🚸 🍏 🕈 🔹 🏠 Mes favi	oris • PageRank • 🔊 98 bloquée(s) »	Paramètres •
😭 🍄 🌈 Evolis TCP/IP		🟠 • 🗟 · 🖶 • 🔂 P	age 🔹 🌍 Outils 🔹 🦈
			>
	5		
		Evolis Emb	edded Web Server
Main Page Printer Status Ac	outus		
PRINTER INFORM	ATION		
Deinten wordel :	Duchus 2 Mag		
Printer model : Drinter a/a :	ZZDDD2456		
• Printer s/n :	270023430		
Firmware # :	444-D7100017-D		
• Head Kit # .	444-07100017-0		
ETHERNET			
Hostname :	EVO_DU3_0023456		
Mac address :	100 169 2 12		
IP address : DUCP :	Disable v		
Subnet mask :	255 255 255 0		
Gateway :	192 168 2 1		
• Wins server :			
	Apply Changes		
		Evolis Card Printers 2007	All Rights Reserved
		e evois date rinneis 2007. I	
Terminé		Intranet local	100% •
rectifiere.		Sinteriocal	- 100 /0

Under these circumstances, the printer search when adding the Evolis TCP/IP port is run as follows (see Section 3):

- Find the printer using its IP address.
- Choose between IP definition or hostname, then click on 'Start'
- Once the printer has been found, double click to select it from the list

	Advanced Color Man	agement Sec	urity Graphi	cs Tools	
E volis Pebble					
	D				
Print to the following port(s) checked port.	. Documents will print to	the first free			
Port	Description	Printer	~		
EVOUSB002	Evolis Port Moniteur				
LI EVOUSBOO3	Evolis Port Moniteur				
	Evolis Port Moniteur				
	Port Moniteur Evolis				
EV0_PB4_0118512	Evalis Port Monitor	Evolis Pebble	×		
<			>		
Add Port	Delete Port	Configure P	lort		
Add Port	Delete Port	Configure P	ort		
Add Port	Delete Port	Configure P	'ort		
Add Port	Delete Port	Configure P	'ort		
Add Port	Delete Port	Configure P	Port		
Add Port	Delete Port	Configure P	Port		
Add Port	Delete Port	Configure P	tort		
Add Port	Delete Port	Configure P	tort		
Add Port	Delete Port	Configure P	lort		
Add Port	Delete Port	Configure P	lort		
Add Port	Delete Port	Configure P	lort		
Add Port	Delete Port	Configure P	lort		
Add Port	Delete Port	Configure P	ort		
Add Port	Delete Port	Configure P	fort		
Add Port	Delete Port	Configure P	fort		

• Click on 'Add Port...' to complete this procedure.



Under these circumstances, print jobs are sent directly to the IP address of the printer port.

Section 5 - Printer configuration using escape sequences

Administrators can also configure printers by means of ESCape sequences.

To do so, it is essential to install the printer and its USB driver beforehand, in order to have a direct connection available for dialogue.

To enter the printer dialogue menu, you should proceed as follows:

Start menu

- Select Printers and Faxes
- Select the printer in question (such as Evolis Pebble)
- Right-click, then select Properties, Tools tab

KINE CONTRACTOR OF THE PARTY OF	Snaing	Ports	Advanced	Color Management	Security	Graphics	Tools		
Mainte	nance								
	Test	card	1	Printer clear	ning		Tecł	nnical Test card	1
Printer	command								
Printer	command			Se	end		Eje	ect card	
Printer	command	-		Se	end	L	Eje	ect card]
Printer	command	ation wit	h Printer —	Se	endMag		Eje ding	ect card]

Click on the **Dialog with printer** button

Printer ID – Model : S/N : Kit n* : Firmware :	Pebble 4 PB09140118512 398-D8Y01963-D 0929	 Direct con Command : Answer : 	imand to printer –			
Magnetic e	ncoding					
Track 1 :						
Track 2 : 🗖						
Track 3 : 🗖						
	 Eject Card		Encode Track	<(s)	Read Track(s)	

List of Escape sequences

It is recommended that the contents or status of the printer are always read before making any changes. Similarly, after making changes, check that new data is handled properly by reading it.

Escape sequence	Syntax	Arguments
Read the printer's IP address	Rip	
Set the IP address or DHCP mode	Pip ;value	value: IP address in xxx.yyy.ttt.uuu format or enter dhcp for the Host to supply the address
Read Hostname	Rehn	
Set Hostname	Pehn;value	value: Hostname (16 characters max.)
Read Subnet mask	Renm	
Set Subnet mask	Penm;value	value: Subnet mask in xxx.yyy.ttt.uuu format
Read the gateway address	Regw	
Set the gateway address	Pegw;value	value: Gateway address in xxx.yyy.ttt.uuu format
Read the WINS server address	Rews	
Read the WINS server address	Pews;value	value: WINS server address in xxx.yyy.ttt.uuu format