Advanced Network & Security Features

DNP CX-330 Card Printer

NEW

January 2013
East Wind Technologies, Inc.

Product Concept

CX-330 is a network & security enhanced version of CX-320.

CX-320 + Network + Security + More = CX-330

Since its launch in early 2004, CX Series products
(CX-210 ➔ CX-320 ➔ CX-330)
has been enjoying very strong supports from users
around the world.

CX-330 comes up with many sophisticated new features
which go beyond existing industry standard to catch up
with ever increasing demand from today's sophisticated
network infrastructure.

Continuity between CX-330 and CX-320

1. Customers are able to switch from CX-320 to CX-330 without any hassle.

2. Most consumables, optional equipments for CX-320 are compatible with CX-330.

3. You can run CX-330 with the same computer and software used to run CX-320 because CX-330 can do exactly the same jobs CX-320 does.

Network Feature - Dual Interface

Same as CX-320

High Speed USB 2.0

New with CX-330

Ethernet 100Base-TX 10Base-T

Since CX-330 has printer server inside, no device server is needed.
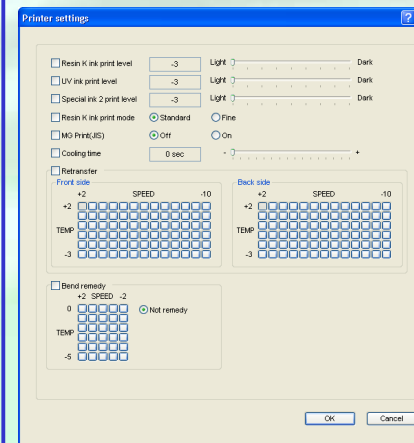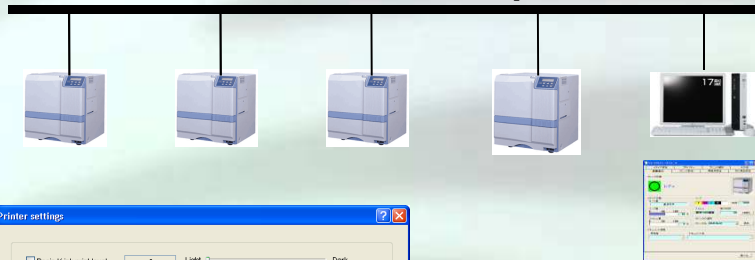
Ethernet Connection

Multiple operators share one printer

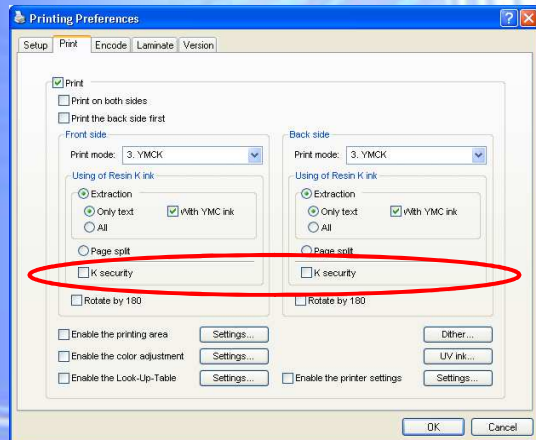**It is possible to choose any printer in the network to print.**

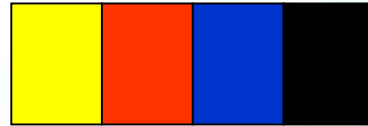***Status Monitor Program (SMP) allows you to change each printer's setting from your computer.**

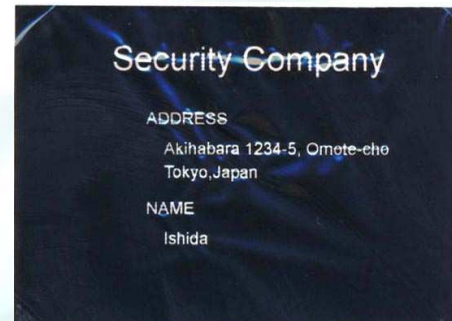## Protection against Personal Information Leak

Personal information (print data) left on the used ink ribbon can be erased using this function.
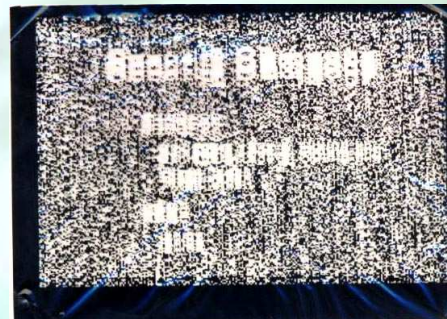

This operation is done by driver and printer.
So it is not necessary to modify your software.

K Security Erase works
With YMCK ribbon.

Information left on the
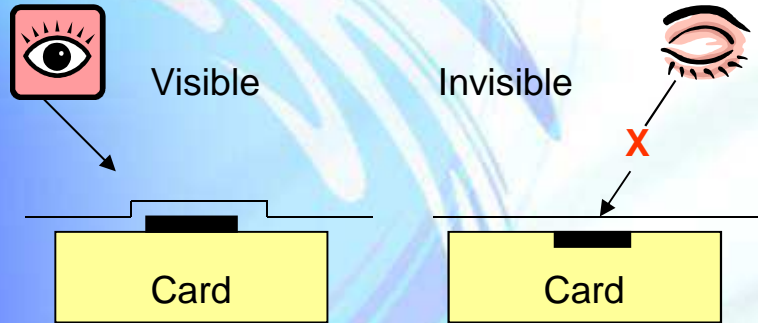K panel of used ink ribbon.
(CX-320 situation)

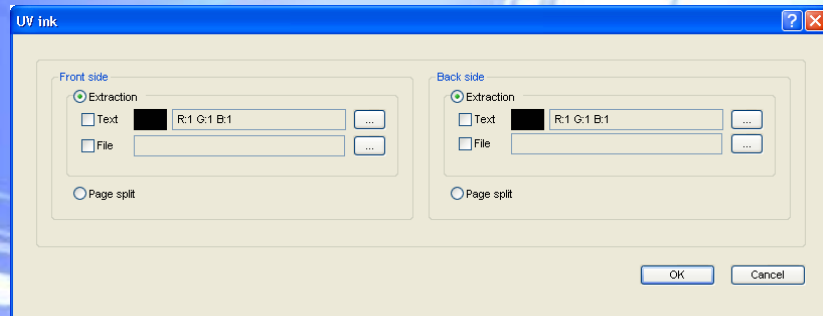After Security Erase operation
(CX-330 new feature)

Security Feature No.3 – Dye Diffusion UV Printing
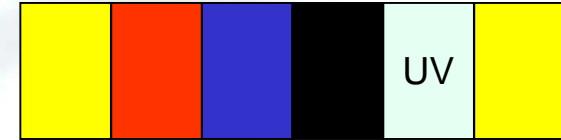
Invisible & Photographic Security UV printing

Visible   Invisible

X

Card   **Card**

**Current UV Ink
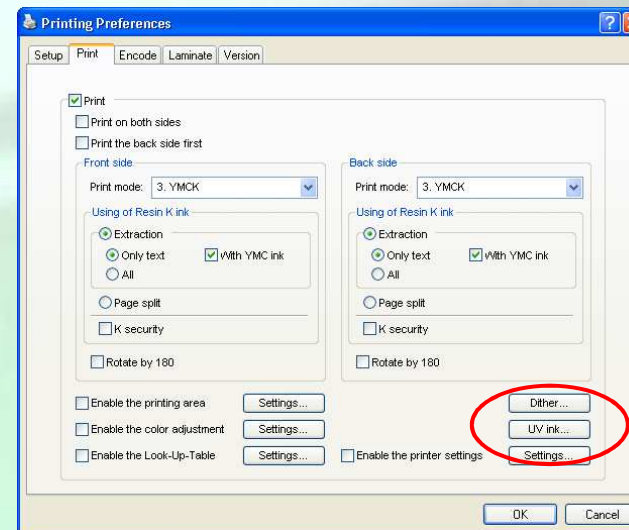2 step graduation**   **Dye Diffusion UV Ink
256 step graduation**

Dye Diffusion
UV Ink Ribbon   UV

**∗ Dye diffusion UV printing function
and Ink ribbon focus on specific
high security ID project.
The UV ink ribbon is made to order
product.**

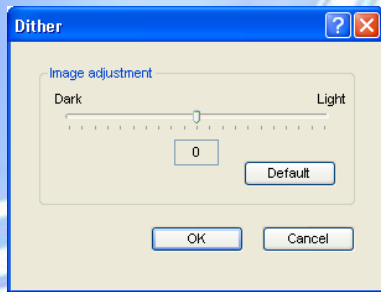# Printer Driver – Dither Printing Function

Dither Print Conversion:

Original Color   K resin mono

**It is possible to convert color data into monochrome data by the printer driver .
Superior reproduction at middle range tone.**

Special data conversion method was taken to achieve the best possible dither printing by K resin ink panel.

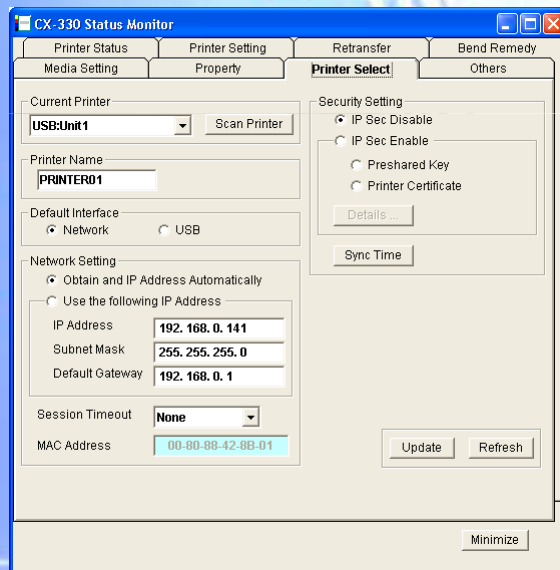
CX-330   **Others**
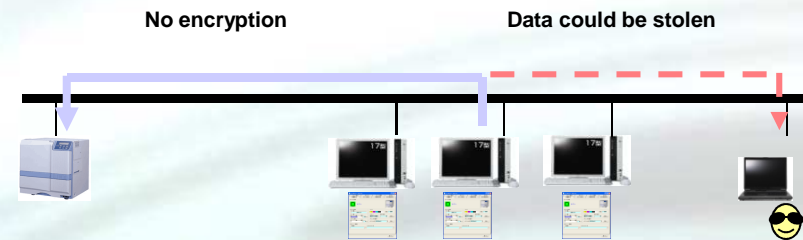
Security Feature No.1 - IPSec Protocol

IPSec Protocol equipped(IPv4)

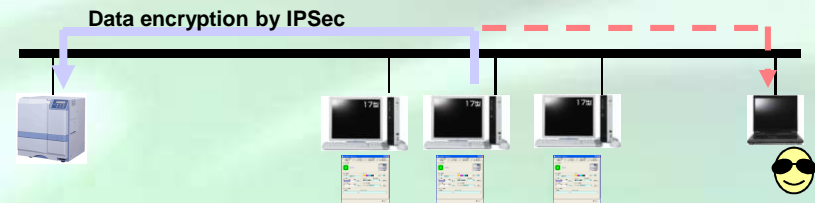**A hardware to encrypt/decrypt print data sent through network is equipped inside CX-330.**

CX-330 Status Monitor

| Printer Status | Printer Setting | Retransfer | Bend Remedy |
| Media Setting | Property | **Printer Select** | Others |

Current Printer
USB:Unit1 — Scan Printer

Printer Name
PRINTER01

Default Interface
○ Network   ○ USB

Network Setting
○ Obtain and IP Address Automatically
○ Use the following IP Address
IP Address — 192. 168. 0. 141
Subnet Mask — 255. 255. 255. 0
Default Gateway — 192. 168. 0. 1

Session Timeout — None
MAC Address — 00-80-88-42-8B-01

Security Setting
○ IP Sec Disable
○ IP Sec Enable
  ○ Preshared Key
  ○ Printer Certificate
Details ...

Sync Time

Update   Refresh

Minimize

IPSec
(Security Architecture for Internet Protocol)

No Data Encryption

No encryption   Data could be stolen

High Speed Data Encryption/Decryption

Data encryption by IPSec

Dual Side Laminate Option

CF-AT10 Flip Unit

Special unit connected with CL-500D to do dual side lamination.

CF-AT10
Flip Unit

CL-500D
Laminator

Minimum hardware cost
Alternate patch available
for project.
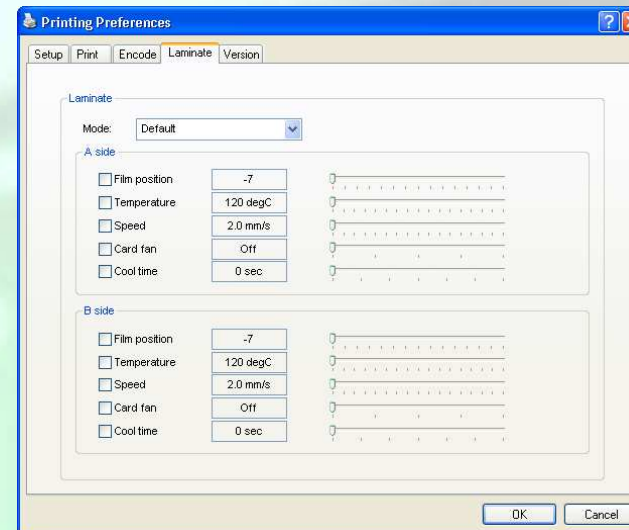
Different type of laminate
media for front & back.

Lamination Media line Up

* 1.0 mil patch
* 1.0 mil patch with chip cutout
* Generic Holographic Overlay
* Custom made hologram
* Custom alternate patch

It is possible to calibrate laminate setting for each laminator configured differently in network.
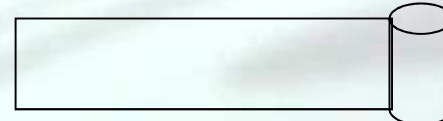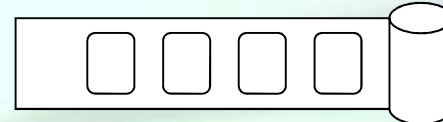**This function is provided by the printer driver through Status Monitor Program.**
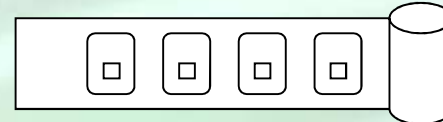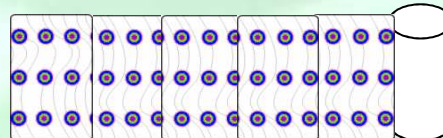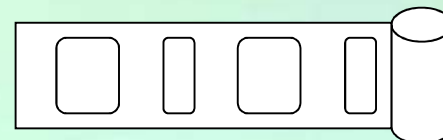
YMCK

YMCK+K

YMCKUV

Re-transfer Film
(0.0063 mil thickness)

1.0 mil thickness
Clear Patch (thick)

1.0 mil Patch
Smart Chip Cut

DNP Generic
Holo Overlay
(0.0063 mil thickness)

Alternate Patch
(custom made)

Contact

Thank you for your kind attention.

Should you have any further questions, please feel free to contact;

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EWT