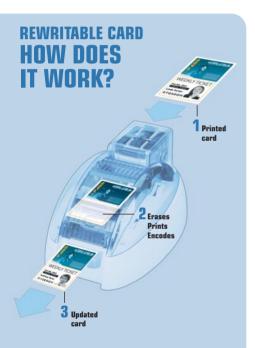
# Bring your own cards to **life**!

The next-generation printer for rewritable cards

# **Tattoo**RW



Tattoo RW is an Evolis printer for single-sided rewritable cards. It effortlessly matches all your expectations when it comes to flexibility, affordability, sustainable development, and regular data updates.



**Tattoo RW** is a ribbon-free printer that uses rewritable cards. Such cards contain a thermochromatic material that turns visible, or vanishes, according to the applied temperature. This reversible process makes it possible to erase and print on the same card up to 500 times. Your card turns into a powerful medium that displays temporary or updatable data such as bonus points and special offers on a loyalty card, or the name and relevant details of visitors on a corporate badge.

## **APPLICATIONS**

**Tattoo RW** is the ultimate solution for your temporary badges and cards that require regular updates.

It is the ideal solution to revise and reprint within seconds:

- visitor's details on an access control badge,
- 🛑 transit passes,
- passes for ski and holiday resorts,
- 🗖 student IDs,
- membership cards with subscription details,
- loyalty cards with the updated number of points, as well as applicable special offers.



With **Tattoo RW**, your cards are updated whenever required, while a same card can be erased, revised and printed anew up to 500 times.

### **BENEFITS**

#### Flexibility

You can deliver a new card anytime it is required! The erase/write cycle is extremely fast and you can erase, encode, and reprint new data in a matter of seconds.

#### A cost-efficient solution

This revolutionary rewritable technology requires no ribbon, which translates into valuable savings. No need to throw away your cards each time you need an update: erase and reprint only updated data on your existing card!

#### Environmental-friendly

**Tattoo RW** adheres to sustainable development. It uses rewritable cards and requires no ribbon: **Tattoo RW** helps you reduce your environmental footprint.

#### 🗖 Data updates

Now with **Tattoo RW**, data encoded on magnetic stripes or on contactless chips can also be displayed and updated on the card surface. For example, loyalty points can be printed on a card and updated at each checkout.



SPECIFICATIONS       = 300 dpi print head for premium quality printing (11.8 dots/mm)         • USB & Ethernet connections       • 16 MB RAM         • Detachable freeder with a capacity of 100 cards (0.76 mm or 30 mil)       • 19 MM Braw         • Detachable freeder with a capacity of 100 cards (0.76 mm or 30 mil)       • 19 MM Braw         • Hito/Lobo Magnetic stripe encoder 150 7811 or JIS2       • Contectless encoder 150 744143 A B, Mifare, DesFine (USB connection)         PRINT MODE       • Direct thermal printing and areasing on rewritable material         • Maximum print area: 48 mm x 76 mm (1.89° x 2.99°)       • B seconds (rnarual)         • 12 seconds (card feeder)       • 3 Track ISD magnetic encoding: 4 seconds per card         • CARD FEEDINC       • Maximum print area: 48 mm x 76 mm (1.89° x 2.99°)         • CARD FEEDINC       • B seconds (rnarual)         • 12 seconds (card feeder)       • 3 Track ISD magnetic encoding: 4 seconds per card         • CARD FEEDINC       • Rewritable thermochronic matterial         • Nitsubishi Black & Blue       • Not upon request and validation         • Other material upon request and validation       • Other material upon request and validation         • Other material upon request and validation       • Mitsubishi Black & Blue         • Other material upon request and validation       • Other material upon request and validation         • Other material upon request and validation <th>Tattoo 📼</th> <th>With its premium performance technology, Tattoo RW is THE ultimate solution to print temporary or updatable cards, singly or in small runs.</th>	Tattoo 📼	With its premium performance technology, Tattoo RW is THE ultimate solution to print temporary or updatable cards, singly or in small runs.
Contactless encoder ISD14443A & B, Mifare, DesFire (USB connection)     PRINT MODE     Direct thermal printing and erasing on rewritable material     Maximum print area: 48 mm x 76 mm (1.89" x 2.99")     ERASING & PRINTING SPEED     B seconds (manual)     12 seconds (card feeder)     3-Track ISD magnetic encoding: 4 seconds per card     CARD FEEDING     Manual card insertion and delivery     Card-feeder insertion and delivery     Card-feeder insertion and delivery     Card-feeder insertion and delivery     Card foremat     CARD FEEDING     Manual card insertion and delivery     Card-feeder insertion and delivery     Card-feeder insertion and delivery     Card-feeder insertion and delivery     Card foremate     Automated Mode: selects a card from the feeder if no card is inserted manually     CARD FORMAT     CP-80 – ISO 7810 (53.98 mm x 85.60 mm – 2.125" x 3.37")     CARD TYPE     Rewritable thermochromic material     -Mitsubishi Black & Blue     -Bicoh upon request and validation     CARD THICKNESS     From 0.5 mm to 0.76 mm (20 to 30 mil)     RESIDENT FONTS     Arial 100, Anial bold 100     Barcode – Cords 39, 2/5 interleaved     SUPPORTED PLATFORMS     Windows XP and Vista, 32 & 64 bits     SUPPORTED PLATFORMS     Windows XP and Vista, 32 & 64 bits     SUPPLIED SOFTWARE     e Media Trial – 30 days evaluation     INTERFACE     USB & Ethernet (USB cable supplied)     With output hopper: 166 mm (6.54") (H) x 290 mm (11.42") (L) x 187 mm (7.36") (W)     With output hopper: 166 mm (6.54") (H) x 290 mm (11.42") (L) x 187 mm (7.36") (W)     With output hopper: 166 mm (6.54") (H) x 388 mm (14.49") (L) x 187 mm (7.36") (W)     With output hopper: 166 mm (6.54") (H) x 280 mm (11.42") (L) x 187 mm (7.36") (W)     With output hopper: 166 mm (6.54") (H) x 280 mm (11.49") (L) x 187 mm (7.36") (W)     With output hopper: 166 mm (6.54") (H) x 280 mm (11.49") (L) x 187 mm (7.36") (W)     With output hopper: 166 mm (6.54") (H) x 280 mm (11.49") (L) x 187 mm (7.36") (W)	SPECIFICATIONS	<ul> <li>USB &amp; Ethernet connections</li> <li>16 MB RAM</li> <li>Detachable feeder with a capacity of 100 cards (0.76 mm or 30 mil)</li> <li>Detachable output hopper with a capacity of 15 cards (0.76 mm or 30 mil)</li> <li>1-Button and 4-LED control panel</li> </ul>
<ul> <li>Maximum print area: 48 mm x 76 mm (1.89" x 2.99")</li> <li>ERASING &amp; PRINTING SPEED</li> <li>B seconds (card feeder)         <ul> <li>12 seconds (card feeder)</li> <li>3-Track ISO magnetic encoding: 4 seconds per card</li> </ul> </li> <li>CARD FEEDING</li> <li>Manual card insertion and delivery         <ul> <li>Card-feeder insertion and delivery to removable hopper</li> <li>Automated Mode: selects a card from the feeder if no card is inserted manually</li> </ul> </li> <li>CARD FORMAT</li> <li>CARD TORMAT</li> <li>CH-80 – ISO 7810 (53.98 mm x 85.60 mm - 2.125" x 3.37")</li> <li>CARD TYPE</li> <li>Rewritable thermochromic material         <ul> <li>Mitsubishi Black &amp; Blue</li> <li>Ficoh upon request</li> <li>Other material upon request</li> <li>Other material upon request</li> <li>Other code 39, 2/5 interleaved</li> </ul> </li> <li>SUPPORTED PLATFORMS</li> <li>Windows XP and Vista, 32 &amp; 64 bits</li> <li>SUPPLIED SOFTWARE</li> <li>eMedia Trial - 30 days evaluation</li> <li>INTERFACE</li> <li>USB &amp; Ethernet (USB cable supplied)</li> <li>Withou output hopper: 166 mm (6.54") (H) x 290 mm (11.42") (L) x 187 mm (7.36") (W)</li> <li>Withou output hopper: 166 mm (6.54") (H) x 380 mm (14.49") (L) x 187 mm (7.36") (W)</li> <li>Withou toutput hopper: 166 mm (6.54") (H) x 380 mm (14.49") (L) x 187 mm (7.36") (W)</li> <li>Withou toutput hopper: 166 mm (6.54") (H) x 380 mm (14.49") (L) x 187 mm (7.36") (W)</li> <li>Withou toutput hopper: 166 mm (6.54") (H) x 368 mm (14.49") (L) x 187 mm (7.36") (W)</li> <li>Withou toutput hopper: 166 mm (6.54") (H) x 368 mm (14.49") (L) x 187 mm (7.36") (W)</li> <li>Withou toutput hopper: 166 mm (6.54") (H) x 368 mm (14.49") (L) x 187 mm (7.36") (W)</li> <li>Withou toutput hopper: 166 mm (6.54") (H) x 368 mm (14.49") (L) x 187 mm (7.36") (W)</li> <th>ENCODING OPTIONS</th><th></th></ul>	ENCODING OPTIONS	
<ul> <li>12 seconds (card feeder)</li> <li>3-Track ISD magnetic encoding: 4 seconds per card</li> <li>CARD FEEDING</li> <li>Manual card insertion and delivery</li> <li>Card-feeder insertion and delivery to removable hopper</li> <li>Automated Mode: selects a card from the feeder if no card is inserted manually</li> <li>CARD FORMAT</li> <li>CR-80 - ISO 7810 (53.98 mm x 85.60 mm - 2.125" x 3.37")</li> <li>CARD TYPE</li> <li>Rewritable thermochromic material</li> <li>Mitsubishi Black &amp; Blue</li> <li>Ricoh upon request</li> <li>Other material upon request</li> <li>Other material upon request</li> <li>Other material Upon request</li> <li>Other material Upon S mm to 0.76 mm (20 to 30 mil)</li> <li>RESIDENT FONTS</li> <li>Arial 100, Arial bold 100</li> <li>Barcode - Code 39, 2/5 interleaved</li> <li>SUPPORTED PLATFORMS</li> <li>Windows XP and Vista, 32 &amp; 64 bits</li> <li>SUPPLIED SOFTWARE</li> <li>e Media Trial - 30 days evaluation</li> <li>INTERFACE</li> <li>USB &amp; Ethernet (USB cable supplied)</li> <li>PRINTER FORM FACTOR</li> <li>Without output hopper: 166 mm (6.54") (H) x 290 mm (11.42") (L) x 187 mm (7.36") (W)</li> <li>With output hopper: 166 mm (6.54") (H) x 368 mm (14.49") (L) x 187 mm (7.36") (W)</li> <li>With output hopper: 166 mm (6.54") (H) x 368 mm (14.49") (L) x 187 mm (7.36") (W)</li> <li>POWER SUPPLY</li> <li>Power supply: 100/240 V AC, 1.8 A, 50-60 Hz</li> </ul>	PRINT MODE	
<ul> <li>Card-feeder insertion and delivery to removable hopper</li> <li>Automated Mode: selects a card from the feeder if no card is inserted manually</li> <li>CARD FORMAT</li> <li>CARD FORMAT</li> <li>CR-80 - ISO 7810 (53.98 mm x 85.60 mm - 2.125" x 3.37")</li> <li>CARD TYPE</li> <li>Rewritable thermochromic material         <ul> <li>Mitsubishi Black &amp; Blue</li> <li>Ricch upon request</li> <li>Other material upon request and validation</li> </ul> </li> <li>CARD THICKNESS</li> <li>From 0.5 mm to 0.76 mm (20 to 30 mil)</li> <li>Arial 100, Arial bold 100</li> <li>Barcode - Code 39, 2/5 interleaved</li> <li>SUPPORTED PLATFORMS</li> <li>Windows XP and Vista, 32 &amp; 64 bits</li> <li>SUPPOLIED SOFTWARE</li> <li>eMedia Trial - 30 days evaluation</li> <li>INTERFACE</li> <li>USB &amp; Ethernet (USB cable supplied)</li> <li>PRINTER FORM FACTOR</li> <li>Without output hopper: 166 mm (6.54") (H) x 290 mm (11.42") (L) x 187 mm (7.36") (W)</li> <li>With output hopper: 166 mm (6.54") (H) x 368 mm (14.49") (L) x 187 mm (7.36") (W)</li> <li>With output hopper: 166 mm (6.54") (H) x 368 mm (14.49") (L) x 187 mm (7.36") (W)</li> <li>With output hopper: 166 mm (6.54") (H) x 368 mm (14.49") (L) x 187 mm (7.36") (W)</li> <li>With output hopper: 166 mm (6.54") (H) x 368 mm (14.49") (L) x 187 mm (7.36") (W)</li> <li>With output hopper: 166 mm (6.54") (H) x 368 mm (14.49") (L) x 187 mm (7.36") (W)</li> <li>With output hopper: 166 mm (6.54") (H) x 368 mm (14.49") (L) x 187 mm (7.36") (W)</li> <li>With output hopper: 166 mm (6.54") (H) x 368 mm (14.49") (L) x 187 mm (7.36") (W)</li> </ul>	ERASING & PRINTING SPEED	12 seconds (card feeder)
CARD TYPE       Rewritable thermochromic material         Mitsubishi Black & Blue       Ricoh upon request         Other material upon request       Other material upon request and validation         CARD THICKNESS       From 0.5 mm to 0.76 mm (20 to 30 mil)         RESIDENT FONTS       Arial 100, Arial bold 100         Barcode - Code 39, 2/5 interleaved         SUPPORTED PLATFORMS       Windows XP and Vista, 32 & 64 bits         SUPPLIED SOFTWARE       e Media Trial - 30 days evaluation         INTERFACE       USB & Ethernet (USB cable supplied)         PRINTER FORM FACTOR       Without output hopper: 166 mm (6.54") (H) x 290 mm (11.42") (L) x 187 mm (7.36") (W)         With output hopper: 166 mm (6.54") (H) x 368 mm (14.49") (L) x 187 mm (7.36") (W)       With output hopper: 166 mm (6.54") (H) x 368 mm (14.49") (L) x 187 mm (7.36") (W)         PRINTER WEIGHT       2.4 Kg (5.3 lbs)       Power supply: 100/240 V AC, 1.8 A, 50-60 Hz	CARD FEEDING	<ul> <li>Card-feeder insertion and delivery to removable hopper</li> </ul>
<ul> <li>Mitsubishi Black &amp; Blue</li> <li>Ricoh upon request</li> <li>Other material upon request and validation</li> <li>CARD THICKNESS</li> <li>From 0.5 mm to 0.76 mm (20 to 30 mil)</li> <li>Arial 100, Arial bold 100</li> <li>Barcode - Code 39, 2/5 interleaved</li> <li>SUPPORTED PLATFORMS</li> <li>Windows XP and Vista, 32 &amp; 64 bits</li> <li>SUPPLIED SOFTWARE</li> <li>eMedia Trial - 30 days evaluation</li> <li>INTERFACE</li> <li>USB &amp; Ethernet (USB cable supplied)</li> <li>Without output hopper: 166 mm (6.54") (H) x 290 mm (11.42") (L) x 187 mm (7.36") (W)</li> <li>With output hopper: 166 mm (6.54") (H) x 368 mm (14.49") (L) x 187 mm (7.36") (W)</li> <li>With output hopper: 166 mm (6.54") (H) x 368 mm (14.49") (L) x 187 mm (7.36") (W)</li> <li>PRINTER WEIGHT</li> <li>2.4 Kg (5.3 lbs)</li> <li>POWER SUPPLY</li> <li>Power supply: 100/240 V AC, 1.8 A, 50-60 Hz</li> </ul>	CARD FORMAT	CR-80 – ISO 7810 (53.98 mm x 85.60 mm – 2.125" x 3.37")
RESIDENT FONTS       Arial 100, Arial bold 100         Barcode - Code 39, 2/5 interleaved         SUPPORTED PLATFORMS       Windows XP and Vista, 32 & 64 bits         SUPPLIED SOFTWARE       eMedia Trial - 30 days evaluation         INTERFACE       USB & Ethernet (USB cable supplied)         PRINTER FORM FACTOR       Without output hopper: 166 mm (6.54") (H) x 290 mm (11.42") (L) x 187 mm (7.36") (W)         With output hopper: 166 mm (6.54") (H) x 368 mm (14.49") (L) x 187 mm (7.36") (W)         PRINTER WEIGHT       2.4 Kg (5.3 lbs)         POWER SUPPLY       Power supply: 100/240 V AC, 1.8 A, 50-60 Hz	CARD TYPE	- Mitsubishi Black & Blue - Ricoh upon request
<ul> <li>Barcode - Code 39, 2/5 interleaved</li> <li>SUPPORTED PLATFORMS</li> <li>Windows XP and Vista, 32 &amp; 64 bits</li> <li>SUPPLIED SOFTWARE</li> <li>eMedia Trial - 30 days evaluation</li> <li>INTERFACE</li> <li>USB &amp; Ethernet (USB cable supplied)</li> <li>PRINTER FORM FACTOR</li> <li>Without output hopper: 166 mm (6.54") (H) x 290 mm (11.42") (L) x 187 mm (7.36") (W)</li> <li>With output hopper: 166 mm (6.54") (H) x 368 mm (14.49") (L) x 187 mm (7.36") (W)</li> <li>With output hopper: 166 mm (6.54") (H) x 368 mm (14.49") (L) x 187 mm (7.36") (W)</li> <li>PRINTER WEIGHT</li> <li>2.4 Kg (5.3 lbs)</li> <li>Power supply: 100/240 V AC, 1.8 A, 50-60 Hz</li> </ul>	CARD THICKNESS	From 0.5 mm to 0.76 mm (20 to 30 mil)
SUPPLIED SOFTWARE       = eMedia Trial – 30 days evaluation         INTERFACE       = USB & Ethernet (USB cable supplied)         PRINTER FORM FACTOR       = Without output hopper: 166 mm (6.54") (H) x 290 mm (11.42") (L) x 187 mm (7.36") (W)         With output hopper: 166 mm (6.54") (H) x 368 mm (14.49") (L) x 187 mm (7.36") (W)         PRINTER WEIGHT       = 2.4 Kg (5.3 lbs)         POWER SUPPLY       = Power supply: 100/240 V AC, 1.8 A, 50-60 Hz	RESIDENT FONTS	
INTERFACEUSB & Ethernet (USB cable supplied)PRINTER FORM FACTORWithout output hopper: 166 mm (6.54") (H) x 290 mm (11.42") (L) x 187 mm (7.36") (W) With output hopper: 166 mm (6.54") (H) x 368 mm (14.49") (L) x 187 mm (7.36") (W)PRINTER WEIGHT2.4 Kg (5.3 lbs)POWER SUPPLYPower supply: 100/240 V AC, 1.8 A, 50-60 Hz	SUPPORTED PLATFORMS	<ul> <li>Windows XP and Vista, 32 &amp; 64 bits</li> </ul>
PRINTER FORM FACTOR <ul> <li>Without output hopper: 166 mm (6.54") (H) x 290 mm (11.42") (L) x 187 mm (7.36") (W)</li> <li>With output hopper: 166 mm (6.54") (H) x 368 mm (14.49") (L) x 187 mm (7.36") (W)</li> <li>PRINTER WEIGHT</li> <li>2.4 Kg (5.3 lbs)</li> <li>Power supply: 100/240 V AC, 1.8 A, 50-60 Hz</li> <li>Power Supply: 100/240 V AC, 1.8 A, 50-60 Hz</li> <li>Power Supply: 100/240 V AC, 1.8 A, 50-60 Hz</li> <li>Power Supply: 100/240 V AC, 1.8 A, 50-60 Hz</li> <li>Power Supply: 100/240 V AC, 1.8 A, 50-60 Hz</li> <li>Power Supply: 100/240 V AC, 1.8 A, 50-60 Hz</li> <li>Power Supply: 100/240 V AC, 1.8 A, 50-60 Hz</li> <li>Power Supply: 100/240 V AC, 1.8 A, 50-60 Hz</li> <li>Power Supply: 100/240 V AC, 1.8 A, 50-60 Hz</li> <li>Power Supply: 100/240 V AC, 1.8 A, 50-60 Hz</li> <li>Power Supply: 100/240 V AC, 1.8 A, 50-60 Hz</li> <li>Power Supply: 100/240 V AC, 1.8 A, 50-60 Hz</li> <li>Power Supply: 100/240 V AC, 1.8 A, 50-60 Hz</li> <li>Power Supply: 100/240 V AC, 1.8 A, 50-60 Hz</li> <li>Power Supply: 100/240 V AC, 1.8 A, 50-60 Hz</li> <li>Power Supply: 100/240 V AC, 1.8 A, 50-60 Hz</li> <li>Power Supply: 100/240 V AC, 1.8 A, 50-60 Hz</li> <li>Power Supply: 100/240 V AC, 1.8 A, 50-60 Hz</li> <li>Power Supply: 100/240 V AC, 1.8 A, 50-60 Hz</li> <li>Power Supply: 100/240 V AC, 1.8 A, 50-60 Hz</li> <li>Power Supply: 100/240 V AC, 1.8 A, 50-60 Hz</li> <li>Power Supply: 100/240 V AC, 1.8 A, 50-60 Hz</li> <li>Power Supply: 100/240 V AC, 1.8 A, 50-60 Hz</li> <li>Power Supply: 100/240 V AC, 1.8 A, 50-60 Hz</li> <li>Power Supply: 100/240 V AC, 1.8 A, 50-60 Hz</li> <li>Power Supply: 100/240 V AC, 1.8 A, 50-60 Hz</li> <li>Power Supply: 100/240 V AC, 1.8 A, 50-60 Hz</li> <li>Power Supply: 100/240 V AC, 1.8 A, 50-60 H</li></ul>	SUPPLIED SOFTWARE	<ul> <li>eMedia Trial – 30 days evaluation</li> </ul>
<ul> <li>With output hopper: 166 mm (6.54") (H) x 368 mm (14.49") (L) x 187 mm (7.36") (W)</li> <li>PRINTER WEIGHT</li> <li>P.4 Kg (5.3 lbs)</li> <li>Power supply: 100/240 V AC, 1.8 A, 50-60 Hz</li> </ul>	INTERFACE	USB & Ethernet (USB cable supplied)
POWER SUPPLY Power supply: 100/240 V AC, 1.8 A, 50-60 Hz	PRINTER FORM FACTOR	
	PRINTER WEIGHT	■ 2.4 Kg (5.3 lbs)
	POWER SUPPLY	<ul> <li>Power supply: 100/240 V AC, 1.8 A, 50-60 Hz</li> <li>Printer: 24 V DC, 3 A</li> </ul>
<ul> <li>ENVIRONMENTAL CONDITIONS</li> <li>Min/Max operating temperature: 15°/30°C (59°/86° F)</li> <li>Humidity: 20% to 65% non-condensing</li> <li>Min/Max storage temperature: -5°/+70°C (23°/158° F)</li> <li>Storage humidity: 20% to 70% non-condensing</li> <li>Operating ventilation: free air</li> </ul>	ENVIRONMENTAL CONDITIONS	<ul> <li>Humidity: 20% to 65% non-condensing</li> <li>Min/Max storage temperature: -5°/+70°C (23°/158° F)</li> <li>Storage humidity: 20% to 70% non-condensing</li> </ul>
WARRANTY  2 years (printer and print head), limited to 15,000 inserted cards <sup>(1)</sup> Warranty Subject to observance of specific conditions and use of Evolis High Trust <sup>®</sup> consumables	WARRANTY	

#### EUROPE, MIDDLE-EAST, AFRICA

 $\begin{array}{l} \hline \textbf{Evolis Card Printer} \cdot 14, \mbox{ avenue de la Fontaine} \cdot Z.l. \mbox{ Angers Beaucouzé} \cdot 49070 \mbox{ Beaucouzé} \cdot France \mbox{ Tel: + 33 (0) 241 367 606} \cdot Fax: + 33 (0) 241 367 612 \cdot info@evolis.com \end{array}$ 

AMERICAS · Evolis Inc. · 3201 West Commercial Boulevard · Suite 110 · Fort Lauderdale FL 33309 · USA · Tel: +1 954 777 9262 · Fax: +1 954 777 9267 · evolisinc@evolis.com ASIA-PACIFIC · Evolis Asia Pte Ltd · Singapore · evolisasia@evolis.com CHINA · infochina@evolis.com JAPAN · infojapan@evolis.com



© 2011 Evolis Card Printer. All rights reserved. Actual product(s) may differ from information stated in this document. All specifications or pictures are subject to change without prior notice. All trademarks mentioned herein belong to their respective owners. 10/2011. Photos: Calvez Actinic. KB-TTR2-47US-A

www.evolis.com