Configuring the TSP100ECO's Compression Settings for Paper Savings

Introduction

This application note explains how to configure the receipt paper compression settings in the TSP100ECO *future*PRNT Utility. This intuitive Star Micronics feature enables users to vastly reduce paper usage, and in turn, reaping monetary savings from those paper savings.

The TSP100ECO is the only printer available that is capable of providing store and restaurant owners with a way to save money and paper effortlessly right out of the box. This intuitive printer is the ONLY POS printer to ship with a 3mm top margin (the blank space at the top of the receipt) VS the typical 11mm found on other printers, resulting in instantly saving money and trees. Only the TSP100ECO can provide this feature while still performing a partial cut, the demanded cut method of the retail and hospitality industries.

<u>Supported Printers</u>: TSP100ECO (TSP143ii)
<u>Supported Environments</u>: Windows 7 (32/64-bit), Windows Vista (32/64-bit), Windows XP
<u>Tools Needed</u>: *future*PRNT Configuration Utility found on the Installation CD
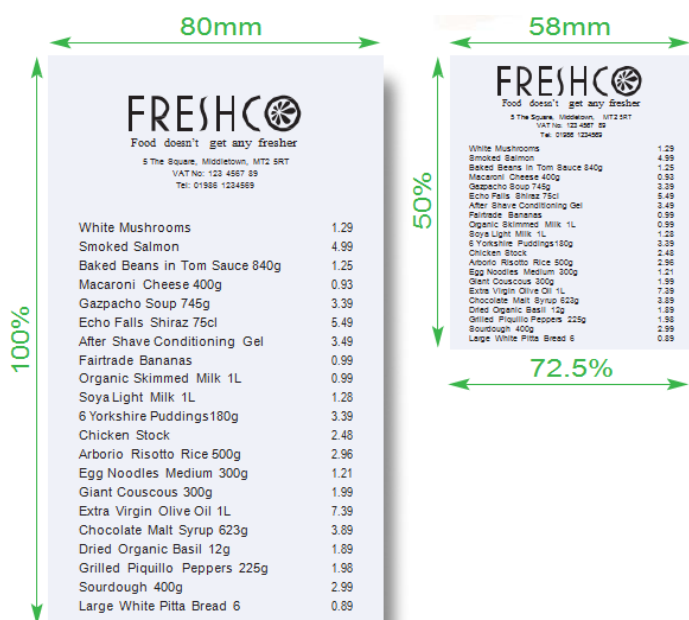
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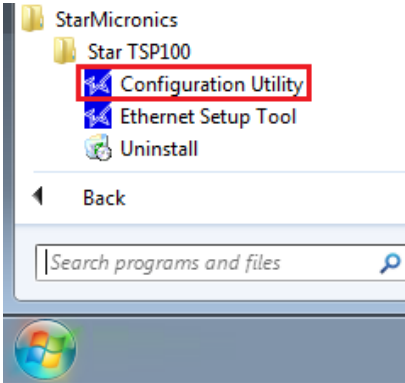
I. What is Receipt Compression?

The TSP100ECO enables retailers and restaurateurs to automatically reduce the size of their receipts without requiring any modification to existing POS software. Store owners have the ability to compress receipts horizontally, vertically, or both ways for maximum paper conservation benefits. These settings are all configured in the *future*PRNT Configuration Utility with easy-to-use dropdown boxes.

> *Right: The TSP100ECO reduces the normal receipt size by a total of 75% without compromising image quality*
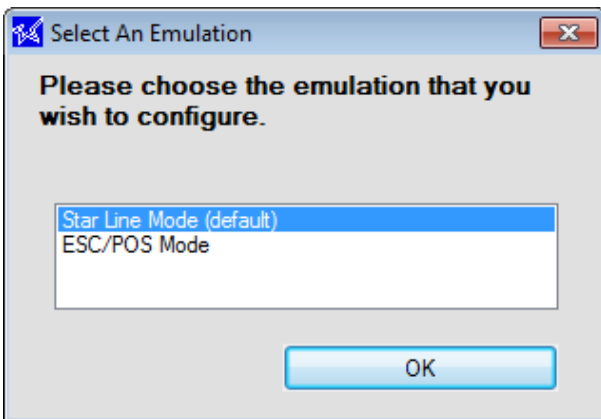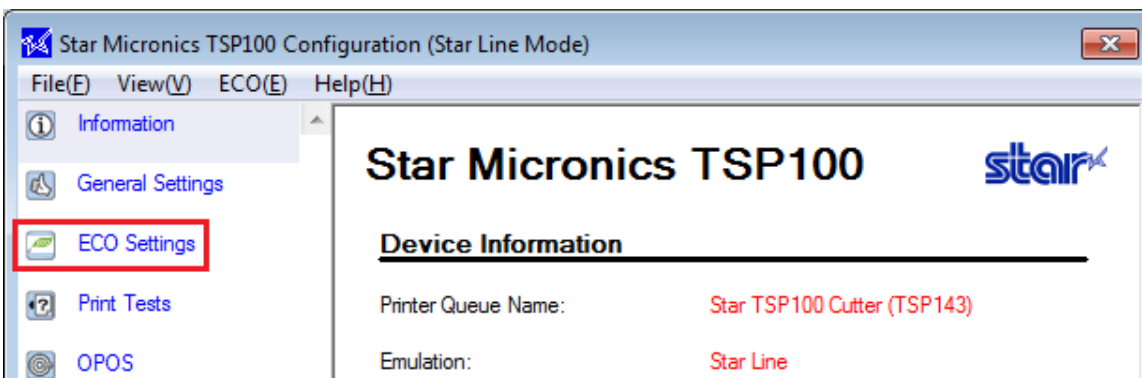
II. Accessing Eco Settings in *future*PRNT

1. Ensure the TSP100ECO has already been installed. The plug and play driver is located on the Installation CD that ships with the printer. If the CD was misplaced, the contents can be downloaded from the Star Global Support Site for free.
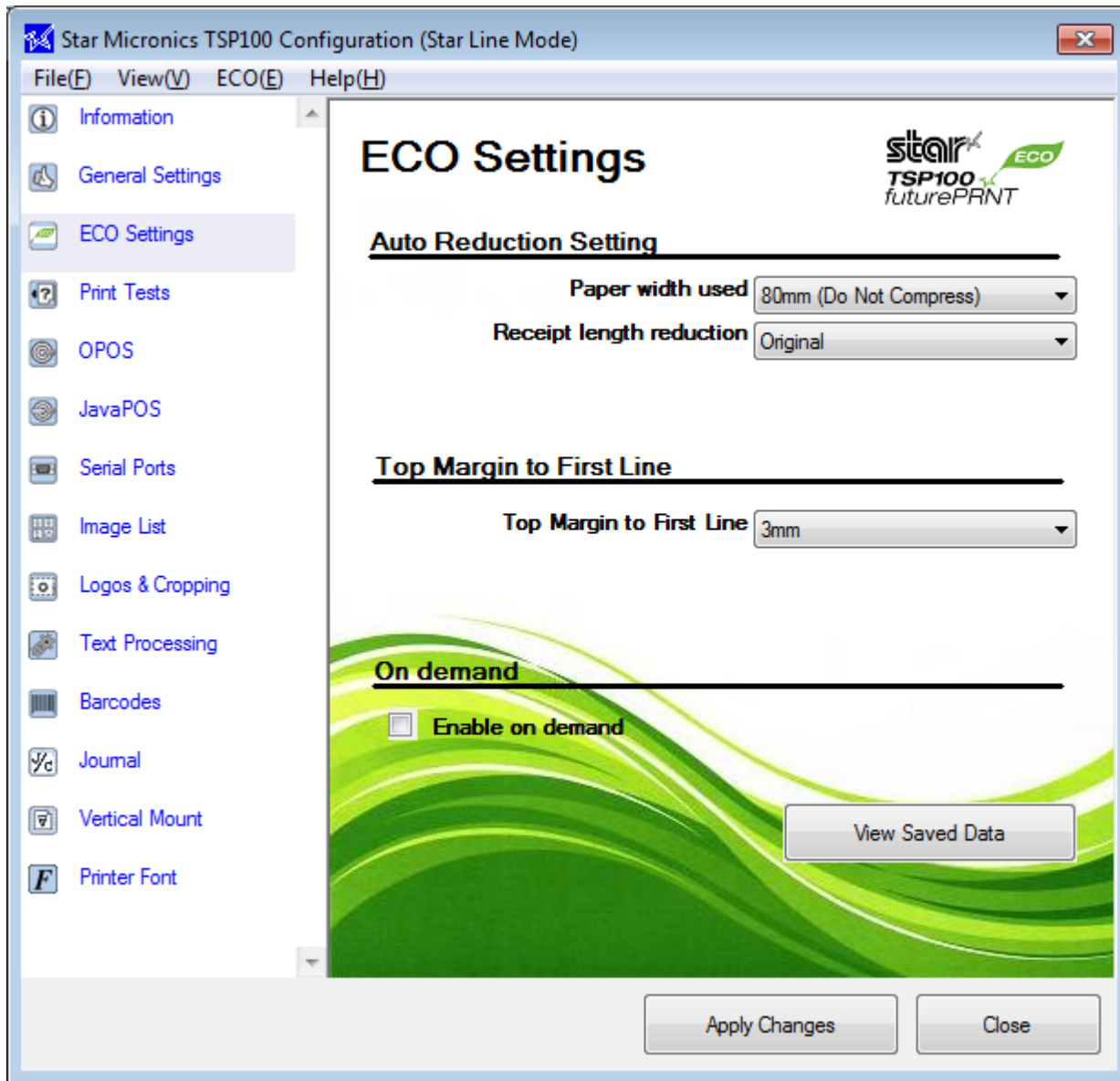
2. Click the Windows Start button and navigate StarMicronics > Star TSP100 > Configuration Utility. This opens the *future*PRNT Configuration Utility.

3. Select "Star Line Mode (default)" and click OK.

4. Click "ECO Settings".

The settings to reduce paper are available in the top portion of the Eco Settings screen.

To reduce paper vertically, click here to jump to Compress Receipts Vertically.
To reduce paper horizontally, click here to jump to Compress Receipts Horizontally.
To reduce paper both vertically and horizontally, click here to jump to Compress Receipts Vertically and Horizontally.
To get an estimate amount of money and paper savings, click here to jump to TSP100ECO Savings Calculator.

III. Compress Receipts Vertically

This feature compresses the height of the receipt, but not the width.

1. Set "Receipt length reduction" to the reduction amount desired.
2. Leave "Paper width used" set to 80mm (Do Not Compress).

0% (Original Size)

25%

50%

IV. Compress Receipts Horizontally

This feature compresses the width of the receipt, but not the height.

1. Set "Paper width used" to 80mm -> 58mm.
2. Leave "Receipt length reduction" set to Original.

80 mm Width (Original)   **58 mm Width**

V. Compress Receipts Vertically and Horizontally

This feature compresses both the height and width of the receipt for maximum paper savings.

ECO Settings

Auto Reduction Setting

Paper width used	80mm --> 58mm ▼
Receipt length reduction	50% reduction ▼

1. Set "Paper width used" to 80mm -> 58mm.
2. Set "Receipt length reduction" to the reduction amount desired.

80 mm Wide, 0% Vertical (Original)

58 mm Wide, 25% Vertical

58 mm Wide, 50% Vertical

VI. TSP100ECO Savings Calculator

Star Micronics created an ECO Simulation Tool, giving users a convenient way to estimate how much money and percent of paper could be saved in any given period of time. This tool can assist in deciding what percentage of reduction to set based on an organization's savings target.

Visit http://www.futureprnt.com/eco-tool/ to see how much the TSP100ECO could be saving your business!

Star Micronics is a global leader in the manufacturing of small printers. We apply over 50 years of knowhow and innovation to provide elite printing solutions that are rich in stellar reliability and industry-respected features. Offering a diverse line of Thermal, Hybrid, Mobile, Kiosk and Impact Dot Matrix printers, we are obsessed with exceeding the demands of our valued customers every day.

We have a long history of implementations into Retail, Point of Sale, Hospitality, Restaurants and Kitchens, Kiosks and Digital Signage, Gaming and Lottery, ATMs, Ticketing, Labeling, Salons and Spas, Banking and Credit Unions, Medical, Law Enforcement, Payment Processing, and more!

High Quality POS Receipts, Interactive Coupons with Triggers, Logo Printing for Branding, Advanced Drivers for Windows, Mac and Linux, Complete SDK Packages, Android, iOS, Blackberry Printing Support, OPOS, JavaPOS, POS for .NET, Eco-Friendly Paper and Power Savings with Reporting Utility, ENERGY STAR, MSR Reading, *future*PRNT, StarPRNT… How can Star help you fulfill the needs of your application?

Don't just settle on hardware that won't work as hard as you do. Demand everything from your printer. Demand a Star!

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