



**NEDGRAPHICS**  
INSPIRING CREATIVITY

**dyefin** textiles

# SUCCESS STORY DYEFIN TEXTILES

## ABOUT DYEFIN TEXTILES

Established in 1989 and now located in Durban, South Africa, Dyefin Textiles specializes in dyeing and finishing knitted and woven fabrics made out of cotton, viscose, polyester and nylon plus their blends.

The company offers both pigment and reactive printing alongside stock and bespoke design services through their in-house design studio. For creative design services, Dyefin Textiles uses the latest NedGraphics Printing Studio solution.



## BUSINESS CHALLENGES

Dyefin Textiles faced challenges in achieving consistent colors between those seen on screen and those produced on the printing machines. This led to uncertainty in predicting how patterns would appear on different fabrics and printers. Creating unique patterns and prints with accurate color reproductions required a high level of attention to detail.

Additionally, achieving consistency in color harmony in the production of seasonal collections required a significant investment of time and resources for the country's leading retail and garment companies for which Dyefin made their fabric prints. It was also important for these companies to see their pre-production designs in the right colors at Dyefin Textiles. It was vital for all companies to use correctly calibrated screens and printers to build confidence in the final products produced by Dyefin Textiles, which would be the same as those envisioned by the clothing manufacturers' design teams.



Color Printing Issues



Inaccurate Color Combinations



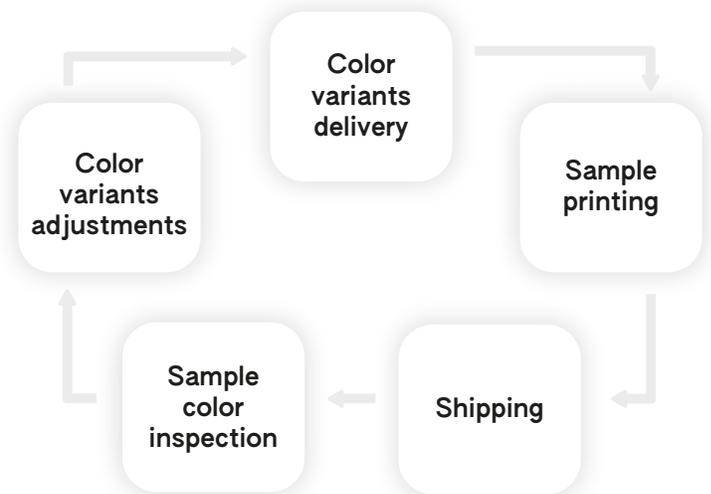
Screen Calibration Failures

## The Vicious Circle of Color Matching

## BUSINESS GOALS

Dyefin Textiles is the company that prints the designs for the country's leading independent retail groups on printing machines. The businesses have been using NedGraphics' Printing Studio for years, easily modifying designs while leveraging tools for fast color reduction and cleaning.

Since the businesses are located in different cities, they needed color communication support to improve their workflow efficiency and enable the visualization of the final product during the design stage.



## THE NEDGRAPHICS SOLUTION

NedGraphics calibrated Dyefin Textiles' digital print machines, screens and printers to ensure consistent and accurate color communication. This was achieved through the implementation of its Color Calibration solution, which enabled accurate color capture across devices for screen, paper and fabric printing.



Consistent  
Color  
Output



Accurate  
Color  
Capture



Predictable  
Pattern  
Outcomes

## RESULTS

The NedGraphics Color Calibration solution was also applied to the retail companies screens and printers, which achieved the same calibration values as Dyefin Textiles.

The calibration of four different fabric types also eliminated the need for guesswork when reproducing patterns on different fabrics and printers. NedGraphics helped businesses save time and costs while increasing productivity and reducing waste.

Eliminated  
Color  
Guesswork

Increased  
Designer  
Productivity

Reduced  
Paper and  
Ink Waste

