



## Fueling Inspiration: Barcodes, Inc. and Indigo reshape a whole wireless infrastructure for a new customer experience in 5 weeks.

Customer expectations are constantly evolving. Studies show that at least 90% of shoppers today prefer buy-online-pick-in-store transactions while almost three fourths use multiple channels when online shopping. To stay ahead of competitors, retailers like Indigo Books & Music Inc. are optimizing their digital infrastructure to close communication gaps between distributors, associates, and customers. By expanding visibility through a tailored modernization strategy, companies like Indigo can expect high worker and customer engagement, leading to enhanced brand awareness and loyalty.

### Business Challenge

As one of Canada's top book and music retailers, Indigo sought to further improve customer experiences by integrating new storefront technologies such as voice searching, mobile points-of-sale, and customer apps. However, legacy wireless and hardware systems could not accommodate new storefront initiatives, resulting in multiple dropped WiFi sessions, communication breakdowns, and bottlenecks.

Moreover, outdated devices proved to be more difficult for new employees to navigate due to their size and lagging interface. While most employees preferred a simplistic iOS solution, they still required a more ruggedized approach to hardware.

## Indigo

**Industry:** Retail

**Application:** Wireless connectivity

**Challenge:** Outdated devices caused lagging and complicated training sessions for new employees

**Featured Solution:** Apple iOS, Honeywell's data capture sleds, and SOTI's MDM services worked together in creating a modernized wireless infrastructure

**Key Benefits:** Improved transaction times are now built on sub second responses, all while providing real-time visibility across 90 locations with minimal employee training

## Indigo

Lastly, large warehouses struggled in maintaining unbroken internet connectivity due to their size. Poor signals further worsened low pick rates, delays, and worker performance, which directly impacted the end user's experience.

### The Solution

Working with a wide variety of vendors and tech giants, Barcodes, Inc. redesigned Indigo's 8-year-old wireless system with Extreme's Wireless Solution across 90 storefronts. By creating a new wireless infrastructure, technicians could certify PCI compliance and remote diagnosis for additional solution hardware. Within 5 weeks, Indigo facilities were ready to integrate:

- **Apple's iOS** – Apple was selected for its unbeatable familiarity and ease-of-use which required no user training. Indigo's inhouse software development team was then able to create scanning apps dedicated to retail optimization.
- **Honeywell data capture sleds** – Over 700 iPods were equipped, staged, and deployed across 90 stores to add a rugged enterprise-ready layer to Apple's intuitive devices.
- **SOTI's MDM services** – Devices received one standard configuration to facilitate sharing across facilities as well as seamless device management and faster reconnection in the event devices went offline.

In addition to software and hardware changes, Barcodes, Inc. continued to support Indigo through additional services such as TrueSupport tech assistance and spare pool device management for seamless repairs that keep workers equipped with the tools they need to succeed.

### Benefits and Results

Efficient warehouse and back-of-store modernization facilitated the integration and usage of newer devices in the storefront, upholding the customer-centric environment Indigo sought to preserve. Unbroken connectivity enabled:

- Improved transaction times from 5-10 seconds to sub-second responses
- Real-time retail analytics for all 90 stores
- Minimal training time
- Improved customer service

As Indigo continues to grow, it is expected that current automation solutions will be able to adapt and accommodate expanding workforce sizes and customer demands such as same-day shipping and real-time order tracking. Barcodes, Inc. continues to foster a positive relationship with Indigo to maximize solution efficiency for an improved shopping experience.

“ Barcodes, Inc. provided a true and trusted partnership,” said Ben Turgeon, Vice President of IT Operations at Indigo. “Our mission has been to inspire retail and digital environments, and they helped us accomplish that.”

– Ben Turgeon, Indigo

**Indigo**



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Since 1994, Barcodes, Inc. has earned a reputation as being a comprehensive solutions and services provider in the automatic identification and data collection industry. With deep technology expertise across over 70 different product categories, we offer an end-to-end approach and implement world-class solutions for our customers. With a large client portfolio base spanning all major industries, we've helped over 200,000 companies worldwide, including most of the fortune 500. Our goals are to help customers increase efficiency, reduce costs and implement fast, accurate automated workflow solutions for any budget or business size.