



Printopia

A Special Events Case Study

About Us

TrueCore Technology was founded in 2016 by two brothers who aimed to revolutionize the way small businesses interact with technology providers. With a wealth of experience in the industry, they witnessed the challenges faced by businesses affording and implementing quality technical solutions. Inspired by this, the brothers set out on a mission to help businesses fully utilize technology.

TrueCore's Mission is to create enterprise-level solutions that are accessible and affordable for all businesses regardless of size.

- ✓ We understand the specific need of each client, tailoring our solutions to provide maximum business value
- ✓ We focus on delivering high-quality and cost-effective technology solutions driving growth, efficiency, and overall client success.

At TrueCore Technology, core values drive our commitment to creating value for our customers through accessible and affordable enterprise-level solutions. We conduct our business with integrity, ensuring reliable and responsive service, and continuously strive to exceed expectations, delivering exceptional results that propel our clients' success.

Overview

In this compelling case study, we explore the importance of printed copies in a digital era. Our client required a seamless printing solution for multiple users from diverse organizations across the campus. However, a significant challenge arose: not all users had the necessary administrative rights to install printers. Moreover, accommodating different operating systems like IOS, Android, Mac, and Windows added complexity.

While already on campus, we discovered that the current printing solution was not functional, posing a significant challenge for the event's operation. In a last-minute pivot, we had to act swiftly, tapping into our team's collective expertise to devise an alternative solution and ensure a workable printing system within an extremely tight timeframe. The pressure was on as we understood the critical importance of a reliable printing infrastructure for the success of the event, and we were determined to rise to the occasion with dedication and resourcefulness.

This captivating case study stands as a testament to how agility and ingenuity can overcome unforeseen challenges. It offers a glimpse into the art of conquering unique challenges faced by small business with TrueCore as your Partner.

Our Solutions

TrueCore implemented two separate solutions to enable secure and accessible printing:

Cloud Printing Via Papercut's Print Deploy

TrueCore leveraged cloud printing technology, allowing users to print from any location, even when the printer was not physically present on site. To achieve this, TrueCore set up a 3rd party service through PaperCut's Print Deploy. This service enabled users to print to any of the devices on the campus seamlessly. They achieved this by building a landing page accessible to authenticated users connected to the network acting as a proxy. This landing page allowed users to browse and install the necessary print drivers and access token for their machines, ensuring secure printing capabilities. This solution worked great for users with Windows or Mac devices who had the ability to install drivers on their machines.

Mobile Printing via Email Attachments

Mobile Printing via Email Attachments: While cloud printing solved most use cases, TrueCore realized that users with mobile devices lacked printing capabilities. To address this limitation, they quickly created an alternative solution. This solution involved leveraging email attachments for printing purposes. Users could email the document they wanted to print to a specific email address managed by TrueCore. As soon as the email attachment was received, the solution automatically triggered the printing process. To ensure security, TrueCore implemented domain whitelisting, which restricted printing access only to authorized users, providing an additional layer of control over the print process.

Results

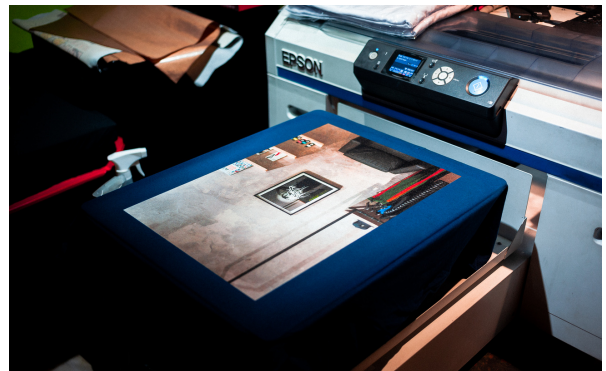
TrueCore delivered with a modern printing infrastructure, delivering an innovative and efficient solution that empowered users with unparalleled accessibility and security. Once finished, they achieved remarkable results that transformed the way users printed documents on their campus.

- **Improved Accessibility:** Cloud printing enabled users to print from any location, eliminating the constraints of physical printer proximity.
- **Streamlined Management:** Setting up cloud printing simplified print management across the campus, resulting in a more efficient and user-friendly experience.
- **Enhanced Security:** The landing page's authentication and network proxy ensured that only authorized users had access to print drivers and tokens. This robust security layer reduced the risk of unauthorized printing.
- **Mobile Device Capability:** The mobile printing solution filled the gap for users with mobile devices, enabling document printing via email attachments. With a simple email, mobile users could initiate the printing process without complex setups or direct printer access.
- **Controlled Access:** Domain whitelisting further bolstered security by allowing only approved email addresses or domains to trigger the printing process, preventing abuse or unauthorized use.

Future Plans

Our vision revolves around expanding our service portfolio to meet the evolving needs of our clients. In addition, we aim to establish strategic partnerships with leading technology vendors to enhance our service capabilities and provide comprehensive solutions. Finally, we focus on developing expanding or expertise in niche areas to provide the best recommendations for our clients.

- ✓ **Stay Cutting Edge:** Proactively embrace emerging technologies and trends to ensure our clients benefit from the latest innovations and maintain a competitive edge.
- ✓ **Foster Innovation:** Continually drive innovation to deliver unique and transformative technology solutions.
- ✓ **Ensure Client Success:** Prioritize client satisfaction by understanding their needs and exceeding expectations



"Fueled by an unwavering passion for innovation and a relentless pursuit of inventive solutions, I thrive on employing diverse techniques to revolutionize and optimize business processes."

Tyler Shobe
Managing Director at TrueCore



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