

case study



AECON GROUP BUILDS PRINT EXCELLENCE IN CHALLENGING ENVIRONMENTS

With over 140 years of experience and some of Canada's largest infrastructure projects under its belt, Aecon Group knows that flawless execution starts with the right tools—no matter how remote or rugged the job site. From corporate offices to extreme environments like Baffin Island, Aecon relies on precise, high-volume printing for technical drawings, bid packages, compliance records, and critical project documentation.

To meet the demands of these fast-paced and high-stakes operations, Aecon deployed a flexible, secure, and scalable Managed Print Services solution—ensuring teams can print what they need, when and where they need it, without compromise.



OBJECTIVES

Aecon aimed to implement a standardized, secure Managed Print Services (MPS) solution that delivers reliable print management across both corporate offices and remote construction sites. Their key objectives included rapid deployment and redeployment of print devices, improving print fleet efficiency, reducing print waste and operational costs through secure pull printing and user accountability, and gaining real-time data and analytics for fleet visibility and continuous print optimization. The solution also needed to ensure document security, high-quality output, and consistent performance to support mission-critical workflows in harsh field environments.



CHALLENGES & SOLUTIONS

Aecon faced significant challenges managing print services in remote, rugged construction sites, including harsh conditions such as extreme cold, dust, and limited support access. and Transient devices often arrived damaged or outdated, causing delays.

Our solution included a streamlined Managed Print Services (MPS) program powered by HP PageWide A3 and A4 printers—durable, energy-efficient, and fully maintained for rapid deployment. Our cloud-based print management combined with HP Access Control enabled secure pull printing, cost control, and full fleet visibility. This proactive, secure print solution reduced downtime, automated workflows, enhanced compliance, and ensured real-time support with QRX and HP engineers.



KEY BENEFITS

- Certified HP PageWide A3 and A4 printers ready for fast deployment between job sites.
- Durable, energy efficient, & plug-and-play devices built for extreme, remote, and rugged environments.
- Secure pull printing and real-time print analytics improve fleet visibility, reduce print waste, and increase user accountability.
- Proactive onsite service and IT support with direct collaboration from QRX and HP engineers to ensure maximum uptime.
- Comprehensive print usage reporting supports cost control, fleet optimization, and strategic decision-making.
- Sustainability-focused solutions help reduce waste, lower energy consumption, and contribute to Aecon's environmental goals.

"Printing just works—whether in a corporate office or on a construction site in the Arctic. QRX and HP deliver exactly what we need, when we need it."

— Aecon Group

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Partnership: QRX Technology Group & HP

To address Aecon's unique needs, QRX Technology Group, a trusted HP Premier Partner, partnered with HP Managed Print Services (MPS) to deliver a nationwide, scalable, and secure print management solution. This partnership combined QRX's expertise in proactive service, print fleet management, and agile logistics with HP PageWide technology, offering energy-efficient, durable, and high-performance printers optimized for both office and rugged field conditions. Together, they provided Aecon with secure pull printing, real-time print analytics, full fleet visibility, and cost-effective, reliable printing, ensuring productivity, document security, and business continuity across all job sites in Canada.



Since deployment in 2018, Aecon has seen significant improvements in print reliability and user satisfaction. The ability to monitor print usage in near real-time has empowered management to make informed decisions and implement targeted print reduction initiatives. The partnership between QRX and HP continues to evolve, offering Aecon new print features and enhanced security measures to keep pace with their growing operational needs. With QRX and HP handling print management, Aecon can focus confidently on its core mission—building Canada's future infrastructure—without worrying about print service interruptions.

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"The service from QRX and HP has been phenomenal. The HP PageWide printers are incredibly durable, reliable, and efficient—even in some of the harshest construction environments we work in. Our print operations are now streamlined, secure, and cost-effective. We no longer worry about device failures or supply delays on remote job sites. QRX's proactive support and HP's innovative technology have transformed how we manage printing—allowing us to focus on what we do best: building infrastructure across Canada."

— Service Operations Analyst, Aecon Group Inc.

EMPOWER YOUR BUSINESS WITH PRINT SOLUTIONS BUILT FOR BOTH OFFICES AND THE TOUGHEST JOB SITES.



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QRX Technology Group