



MORRISON HERSHFIELD

People • Culture • Capabilities

Your First Call for
TELECOM & TECHNOLOGY SOLUTIONS
That Make a Difference.



94%

of our telecom clients are
satisfied or very satisfied.

Through the Net Promoter Score approach,
we are able to collect valuable client feedback,
use it to achieve our client satisfaction goals
and continuously improve our project delivery
processes.

“Excellent service - MH is one of my most reliable and easy to work with contractors.”

- National Telecom Carrier, Southeast

Why choose Morrison Hershfield?

OUR CLIENTS BENEFIT from a well-organized nimble team with local presence backed by over 1000 staff in 24 offices across North America and beyond; ensuring your project is delivered according to your vision, schedule and requirements.

- ▶ **CLIENT-FOCUSED** - Over 90% of our business comes from repeat clients. Our goal is to provide an unmatched client experience, and we are proud to maintain an “excellent” client satisfaction rating.
- ▶ **RESPONSIVE** - With over 1000 employees across North America, we have the resources to help you anytime, anywhere.
- ▶ **INVESTED** - Our employee-owned business culture allows us to attract and retain the best talent who are invested in the success of our clients' projects.
- ▶ **INNOVATIVE** - Our award-winning solutions are provided by subject matter experts who work on some of the biggest and most complex projects in Canada, the U.S. and internationally.
- ▶ **FAST-PACED** - Our intimate knowledge of regulatory processes and multitude of contacts will help move you through the permitting process so that your project obtains required approvals as quickly as possible.
- ▶ **ONE-STOP-SHOP** - Take advantage of our integrated multidisciplinary team approach by bundling services early on to save time and money and add value to your projects.
- ▶ **ONE SIZE DOES NOT FIT ALL** - Our team of technical experts helps communities find the right solutions to their unique challenges. Predefined solutions do not drive our work.

Make us your first call.



CLIENT SOLUTION
PROVIDERS



PROBLEM
SOLVERS



PARTNERS WITH
OUR CLIENTS



PROJECT TYPES

- Critical Facilities
- Centralized-RAN
- Data Centers
- Fiber
- Distributed Antenna Systems
- Microwave
- Small Cell
- Rooftops
- Satellite
- Telecom Switches
- Towers

ENGINEERING & SERVICES

- A&E Design
- Drone Inspections
- Due Diligence & Audits
- Environmental
- FTTx OSP Design
- Geotechnical
- Inspections
- NEIR
- Permitting
- Site Acquisition
- Tower Engineering

CELL SITES

Across North America

SERVICES

- A&E Design, ZDs & CDs
- Drone Services
- Due Diligence & Audits
- Inspections
- NEIR
- Permitting
- Site Acquisition
- Tower Engineering

ROOFTOP
SITES

5G
DEPLOYMENT

A&E DESIGN
PERMITTING

The team partnered with a national carrier on their 5G trials and initial build out, providing site evaluations and engineering design services. The scope of work included the addition of antennas and radios to existing rooftop sites. We leveraged our knowledge of site layouts in the client's existing urban portfolio with our experience from deployments across North America.

SMALL CELL Across North America

SERVICES

- A&E Design, ZDs & CDs
- Drone Services
- Due Diligence & Audits
- Inspections
- NEIR
- Permitting
- Site Acquisition
- Tower Engineering



**SMALL CELL
DEPLOYMENT**

**NEUTRAL
HOST**

**A&E DESIGN
DRONE SERVICES**

Morrison Hershfield provided A&E design and drone services for the small cell installation at the Hardrock Stadium, Miami. The design included oDAS hubs and small cell design in the stadium building and the provisioning of a separate neutral host facility that includes the head-end and volt server infrastructure to host three carriers in the same compound. The drone services provide a multi-party team with real-time, bird's-eye views of construction progress and methods across a large geographic area, from a single monitor in the parking lot.

TOWERS

Across North America

**TOWER
MODIFICATION**

**ALL TOWER
TYPES**

**STRUCTURAL ANALYSIS
TOWER MODIFICATIONS**

Morrison Hershfield provided a LTE 3500 upgrade to the client's existing tower. The scope of work included installing new GPS antenna material. The team successfully completed construction in accordance with the latest issue of applicable CSA standards.

SERVICES

- Drone Services
- Mount Analysis
- Structural Analyses
- Structural Modifications
- Tower Mappings

MISSION CRITICAL FACILITIES

Across North America

SERVICES

- Assessment & Planning
- Design
- Commissioning
- Operations Consulting

**GREENFIELD
CRITICAL
FACILITIES**

**405K SF
1.18 PUE**

**CONCEPTUAL &
MEP DESIGN**

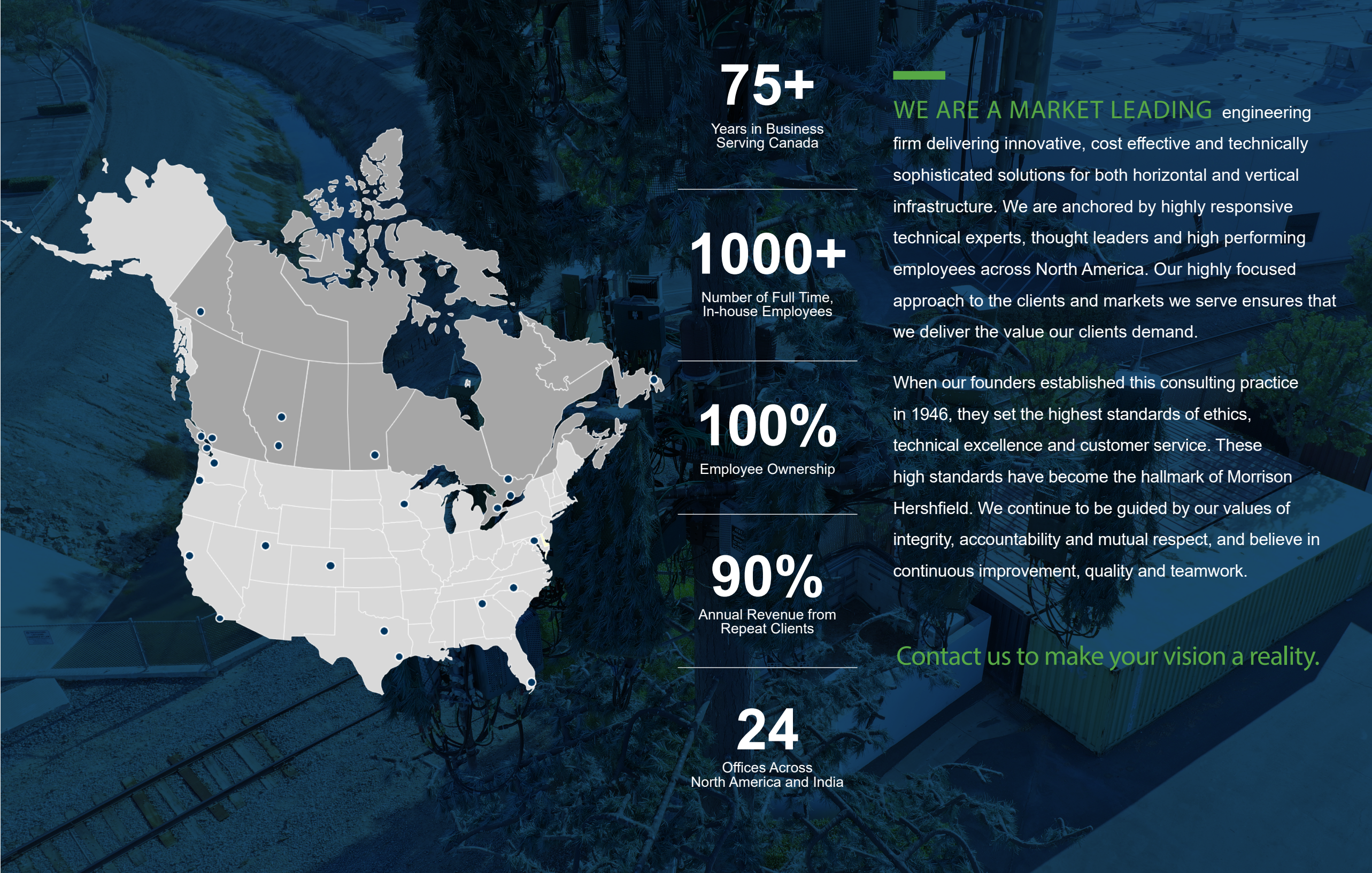
Morrison Hershfield acted as the lead conceptual designer and MEP Engineer of Record for CloudHQ's first wholesale data center. The 405,000 SF building includes 240,000 SF of IT space. The facility features a diesel rotary UPS system in an isolated-parallel configuration, while rooftop heat-transfer wheel cooling permits variable critical load densities up to 300 W/SF and alternative levels of redundancy.

FOUNDED on
technical excellence
and ethics.

OUR RICH HISTORY of
diverse projects provide exposure to
emerging trends in process and design
technologies spanning different industry
sectors, keeping us ahead of the curve.
We regularly adapt and integrate these
technologies into solutions for our clients.
Our passion to design and build
our projects right the first time is
recognized throughout the industry
and in our communities.



▲ Recognized as a leading North American
designer of telecommunications and
technology infrastructure.



75+

Years in Business
Serving Canada

WE ARE A MARKET LEADING engineering

firm delivering innovative, cost effective and technically
sophisticated solutions for both horizontal and vertical
infrastructure. We are anchored by highly responsive
technical experts, thought leaders and high performing
employees across North America. Our highly focused
approach to the clients and markets we serve ensures that
we deliver the value our clients demand.

1000+

Number of Full Time,
In-house Employees

100%

Employee Ownership

When our founders established this consulting practice
in 1946, they set the highest standards of ethics,
technical excellence and customer service. These
high standards have become the hallmark of Morrison
Hershfield. We continue to be guided by our values of
integrity, accountability and mutual respect, and believe in
continuous improvement, quality and teamwork.

90%

Annual Revenue from
Repeat Clients

24

Offices Across
North America and India

Contact us to make your vision a reality.



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morrisonhershfield.com