

# Hedgehog Technologies Fact Sheet

Two Decades of Engineering Excellence



Hedgehog Technologies is an electrical engineering consulting firm that specializes in risk management to deliver progressive and sustainable solutions where safety is paramount. We stay on the frontier of innovation to make complex visions a practical reality for our clients.

Proudly diverse in both backgrounds and skill-sets, our employees include PMP® Project Management Professionals, TÜV Rheinland certified functional safety experts, and professional engineers with decades of experience.

Our impact is global with a track record of supporting multinational foreign companies, remote Indigenous communities and local municipalities.

Global Impact  
Operations



## QUICK FACTS

- ✓ Company: Hedgehog Technologies Inc., a registered corporation in British Columbia
- ✓ Founded: 2001
- ✓ Size: Small Business (under 250 Employees)
- ✓ Ownership: 100% Canadian
- ✓ Website: [www.hedgehogtech.com](http://www.hedgehogtech.com)

## KEY INDUSTRIES



**Industrial  
Automation**



**Renewable  
Energy**



**Amusement &  
Thrill Rides**



**Oil & Gas**



**Rail  
Transportation**



**Mining**

## LEADERSHIP TEAM



**Dr. Michael Wrinch**  
Founder and CEO



**Younes Rashidi**  
Director of Engineering



**Erin Martin-Serrano**  
Director of Business  
Development



**Janesa Charles**  
Accounting Manager

## SERVICES

### Electrical Engineering

- ✓ Advanced Energy Systems
- ✓ Energy Optimization
- ✓ Energy Storage Solutions
- ✓ Feasibility and Economic Analysis
- ✓ Industrial Power Systems Design
- ✓ Power Systems Studies & Simulations

### Safety-Critical Systems

- ✓ Harsh and Hazardous Environments
- ✓ Hazard Analysis
- ✓ Root Cause Analysis
- ✓ Safety Rated Controls
- ✓ Safety Rated Power Systems
- ✓ Safety Risk Assessments

### Industrial Automation and Controls

- ✓ Complete System Development
- ✓ Data Acquisition
- ✓ HMI and SCADA Systems
- ✓ Instrumentation and Sensors
- ✓ Motion and Drive Systems

### Project Development

- ✓ Business Case Studies
- ✓ Community Engagement
- ✓ Feasibility Studies
- ✓ Indigenous Community Relations
- ✓ Owner's Engineers
- ✓ Project Management

## ACHIEVEMENTS

- ✓ FS Eng (TÜV Rheinland) Certified
- ✓ PMP (Project Management Professional) Certified
- ✓ Leadership: Hedgehog principal Michael Wrinch, Engineers Canada Board of Directors for British Columbia
- ✓ Leadership: Hedgehog principal Michael Wrinch, President of EGBC (Engineers and Geoscientists BC)
- ✓ EGBC (Engineers and Geoscientists BC) - Certified Organizational Quality Management System (OQM)

## TIMELINE

