



Proudfoot

**WHAT IF YOU
COULD...**

protect your people
and your equipment
by engaging your
teams in the pursuit
of zero-harm
while maximizing
operational excellence?

**...WITH HEXAGON
AND PROUDFOOT,
YOU CAN**



Accelerate your pursuit
of zero-harm results
to protect your people
& assets.

**A proven methodology enabling people to rapidly
and sustainably adopt your new market-leading
safety technology, processes, and operating practice.**

HUMANIZE. OPTIMIZE. DIGITIZE. DE-RISK

Attain rapid and sustainable adoption of your safety technology and speed-up your path to zero-harm results

World-class technology backed by a world-class implementation methodology can make achieving your technology objectives and outcomes a reality.

**Proudfoot**

Market-leading safety systems for

- Collision Avoidance (CAS)
- Operator Alertness System (OAS)
- Vehicle Intervention
- MineProtect Personal Alert
- Slope Monitoring

Proven and recognized Hexagon scorecard

- 60% of addressable safety market
- Only Level-9 vehicle intervention
- 35,000+ CAS units at work daily
- 20,000 employed and \$4.3M net sales
- Here for the long term

74+ years of successful transformations

- Employee-change adoption model
- Bespoke sequenced agile transformation program
- People solutions focused
- Boots on the ground at the heart of transformative change

Digital: The future of business is (still) people

Scorecard for Implementation Projects

621 Improvement Programs

110% Results Driven

400% Year 1 Return on Investment



De-risking operations so equipment is protected, and everyone goes home safely.

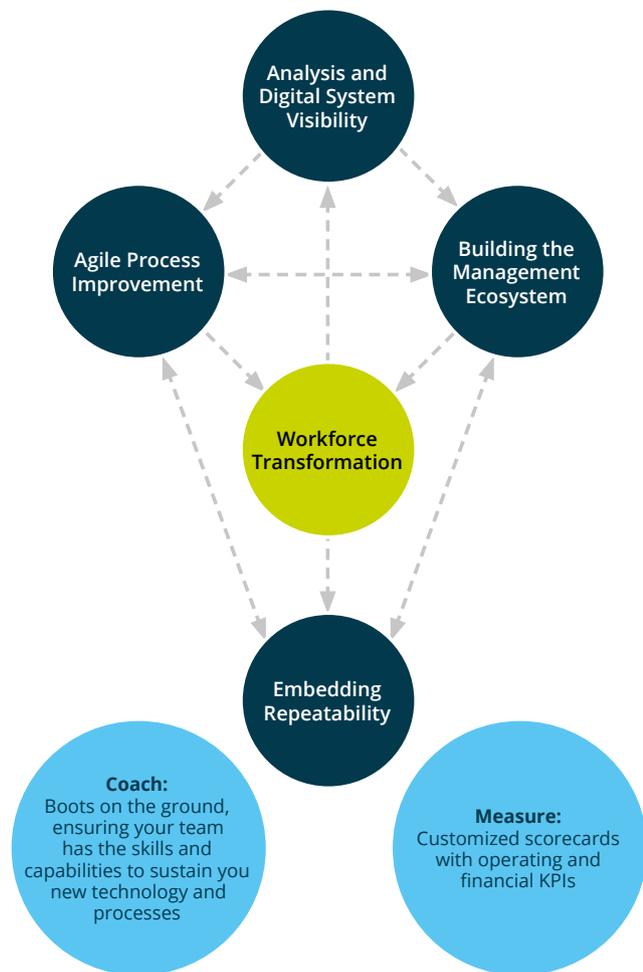
A POWERFUL ALLIANCE: HOW HEXAGON AND PROUDFOOT CAN HELP

We engage with your people to ensure your digital transformation and technology adoption is successful; beating the odds of failure and maximizing your digital ROI.

1. Our approach ensures a **clear roadmap to success by ensuring your technology, processes and people are aligned** with your safety and operational behaviors and performance requirements. We commit for the life of the program. We work with your team to create an environment of safe operations.

2. We set out the concepts and **step by-step requirements any operator should follow to engage your people and communities**, ensure your chosen technology is the best fit, and maximize the return on your safety investment.

3. We **train and coach your people in the use of the systems, processes and behaviors** that drive the use of those technologies to achieve sustainable change.



Accelerate your pursuit of zero harm with a proven approach that prioritizes safety and increases productivity

A POWERFUL ALLIANCE: HOW HEXAGON AND PROUDFOOT CAN HELP

A POWERFUL ALLIANCE: HOW HEXAGON AND PROUDFOOT CAN HELP

The most important assets in a mining operation are the people who make it possible. What's more, safer mines are more productive and increase shareholder value. Many technology tools promise to improve visibility into operations and safeguard people and equipment, but to make a lasting impact they must be accompanied by an effective change management strategy.

To address this obstacle, Hexagon, a market leader in mine safety technology, has partnered with Proudfoot, whose seasoned experts have decades of experience facilitating successful operational transformations at mining companies. This powerful alliance brings together the leading safety technology with a proven, people-centric implementation methodology.

The results: accelerated user adoption, safer mines, and better performance.

FOUR ELEMENTS TO OUR JOINT APPROACH:

Hexagon and Proudfoot have pioneered a comprehensive safety solution that maximizes the benefits and ROI for mining companies.

ROADMAP

Together, we develop a **bespoke change blueprint for your organization** that clearly identifies partners and desired outcomes for a successful implementation. A clear road map establishes standards to measure risk, opportunities, and results across safety, finance, operations, and **culture and builds them into a coherent transformation plan to achieve results and mitigate risk.**

CO-VENTURE™

Hexagon and Proudfoot work with your team to identify and connect the right people, at all levels, to achieve sustainable safety change.

THE METHODOLOGY

With the road map focused on safety, the joint **implementation methodology embeds change by reinforcing people's behaviors and the appropriate interactions within their operating environment.** To pursue zero harm and improve productivity, this methodology creates and **implements an operating model comprising technology, process, and management tools.**

THE PEOPLE

Our solution engages employees at every level, triggering a transformation while promoting frontline leadership. **We pave the way for leaders and their teams to change their behavior and ways of working to enable safety.**

DE-RISKING OPERATIONS EXPEDITING DIGITAL TRANSFORMATION SUCCESS.

Equipment is protected and everyone goes home safely.

Areas of Impact



ACHIEVED THROUGH THE SUSTAINABLE ADOPTION OF HEXAGON MINE PROJECT:

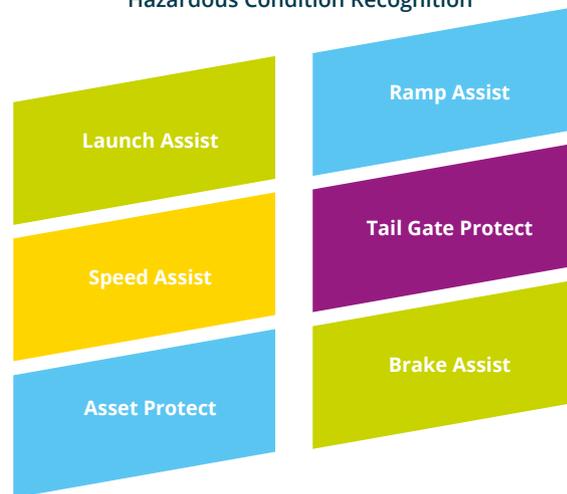
Collision Avoidance System (CAS):
Proximity Detection

Personal Alert: Time in flight technology for accident avoidance

(Designed for haul trucks, ADTs, and all other heavy and light machinery in mining operations)

Operator Awareness System (OAS): Fatigue and Distraction

Vehicle Intervention System (VIS):
Hazardous Condition Recognition



“Successful digital transformation is achieved, sustained and accelerated when you engage, enable and energize people in the process. The opportunity to marry this with a zero-harm culture is not only important but has never been more critical.”

**PAMELA HACKETT,
CEO,
PROUDFOOT**

“There’s nothing more powerful to me than knowing that our technology truly is saving people’s lives.”

**NICK HARE,
PRESIDENT,
HEXAGON MINING**

Hexagon and mining safety

Hexagon believes safety solutions that put people first need not be at the expense of efficiency and results. Our market-leading mining safety portfolio is built on a collision avoidance system proven at mines worldwide for more than a decade.

Support is integral to maximizing your investment in technology. At Hexagon, our services connect technology, people and processes by streamlining implementation and maximizing the potential of solutions. We offer support and services for:

- **Safety and Operations:** Dedicated technical and support staff committed to resolving issues quickly from support bases in key mining areas throughout the world
- **Planning:** Offices on five continents offering planning support via phone and email
- **Implementation:** Using a proven management philosophy, we work with customers to identify needs, tailoring technology to suit individual mining operations
- **Training:** We empower customers on-site or via our worldwide office network with structured, competency-based training and accreditation
- **Consulting:** Our wide range of consulting services help you get more from your technology, allowing you to draw intelligent conclusions and make meaningful improvements

Hexagon highlights

- A global leader in sensor, software and autonomous solutions. We are putting data to work to boost efficiency, productivity, and quality across industrial, manufacturing, infrastructure, safety, and mobility applications
- The only company to solve surface and underground challenges with proven technologies for planning, operations, and safety
- Helping companies to create smart mines that are efficient to operate while maximizing safety and minimally impacting the environment throughout the life of a mine
- Delivering expertise in and connecting all stages of the mining lifecycle:
 - **PLANNING:** Geology, engineering and production suites for exploration, modeling, design, scheduling, & operation
 - **OPERATIONS:** Fleet management, machine guidance, & operator assist
 - **SAFETY:** Collision avoidance, vehicle intervention, fatigue monitoring and personal protection
 - **ENTERPRISE:** Connecting processes and converting data into real-time information for proactive mine management
 - **SURVEY & MONITORING:** Slope stability monitoring and mine measurement systems



Proudfoot and Sustainable Change

We know that businesses are managed and people are led. We engage with your people, at every level, to enable successful transformation in an environment where people change by choice, not by force.

1. We are an operational consulting startup that's over 70 years old

Proudfoot has been delivering measurable operational and financial results for companies since the 1940s.

2. Delivering Value Creation for Maximum Shareholder Returns

We understand and help companies to accelerate the delivery of value in a wide range of industries.

3. Getting your people to lead the results

Our people know how to coach your people to transform and change their business to achieve the results you need tomorrow, long after we have left the site.

4. Delivering operational solutions to strategic challenges you need solved

We collaborate with management, operating partners, and frontline teams to transform operations and the business they do to generate lasting increased EBITDA and financial results that hit your asset's P&L.

5. We do the things you expect from a true partner

Our people are boots on the ground where the work gets done — there is no other way to help you achieve sustainable change. We understand the technical and subject matter expertise required to safely achieve results on site with speed and scale.



We get people involved and engaged

While we achieve hard, measurable financial results, we also:

- Help **people** understand and gain alignment to their aspirations and the scope of their challenge.
- We enable **people** to participate; “stepping up and feeling all-in” for the journey, therefore gaining speed and scale when implementing transformation.
- We **roll up our sleeves** and put on our safety boots (physically or metaphorically) to help implement the transformation.
- And **we help make it stick...** until the organization needs to change again.
- Importantly, we focus on **developing and building the capability** of our client's people, so that next time, they can **do it themselves**.

In short, **we help people change** the way they work to change their business for the better.

They change their outcomes.

“Hexagon is putting together a very good team of people and I think we are in good hands with them.”

**BALDOMERO GUTIERREZ,
CIO, FRESNILLO**

“Since we got the unified software from Hexagon, we’ve been able to make the day-to-day decisions in real time.”

**JOHN ESTANO,
SOUTHERN PERU
COPPER CORP.**

“To achieve what we wanted demanded more than just a technical approach. Working with Proudfoot meant we took only six months to see those results instead of four years if we’d continued alone.”

**MINE COO
(BARRICK GOLD)**

Proudfoot

www.proudfoot.com
info@proudfoot.com

 **HEXAGON**

www.hexagonmining.com
info.min@hexagon.com