Empowering an autonomous future

Hexagon is 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.

Our technologies are shaping urban and production ecosystems to become increasingly connected and autonomous—ensuring a scalable, sustainable future.

Our story:
Hexagon is committed to a simple, yet powerful purpose: Putting data to work to empower an autonomous future.

In this future we’re empowering, data is doing its greatest work — leveraged to achieve its full potential. It’s a world where our customers possess the means to flourish, the room to grow, and the data-driven efficiencies, productivity, and quality outcomes to ensure that both humanity and sustainability thrive.

The idea of putting data to work is part of Hexagon’s DNA. Our legacy has always been linked to data, which our core capabilities demonstrate.

Our business is focused on helping customers leverage data within their workflows to achieve the greatest efficiency, productivity and quality outcomes possible. The ultimate form of data leverage is when tasks and processes become autonomous. This is the goal of our smart solutions portfolio.

Our core capabilities:

Sensors
• Reality capture: Digital capture of the physical world—from distance measurements (point A to point B) to attributes of physical world objects to creation of 3D environments
• Positioning: Locating, tracking, navigation, and/or control of anything, anywhere

Software
• Digital design and simulation: Replicating real-world scenarios in virtual environments
• Location intelligence mapping: Active, geo-referenced, situational intelligence for any application

Autonomy
• Autonomous technologies: Embedding autonomy into everything—tasks, work processes, entire operations or industries (e.g. autonomous mobility/transportation)
Customers served

Ecosystems vs. markets

Defining competition or customers by market is becoming an increasingly simplistic and outdated notion. Our world has become more interdependent, forcing organisations to look beyond their traditional market boundaries and think more systemically. The speed, volatility and complexity of doing business today demands it.

Hexagon participates in two of the most critical ecosystems on the planet: Production and Urban. As most of the planet’s GDP flows through these two ecosystems, we have an enormous opportunity to leverage data in ways that not only empowers our customers to dramatically improve business outcomes, but also do good things for a sustainable planet—simply by doing the right thing for our business.

Scalable sustainability: “Do Well to Do Good”

The path to economic growth does not have to come at the expense of the planet. Every organisation we work with is looking for increased efficiency, greater productivity and the highest quality outcomes. By putting data to work towards an increasingly autonomous future, our “do well to do good” approach will drive sustainability through efficiency gains, increased safety, improved productivity and less waste — the very business outcomes our customers seek.

Portfolio overview

Our smart solutions drive scalable, sustainable value creation

Our Smart Solutions are empowering increasingly autonomous and connected ecosystems where:

- **Smart Factories** learn and adapt quickly to changing conditions in real time, pursuing perfect quality with optimised inputs and zero waste.
- **Smart Industrial Facilities** ramp up quickly while operating safely and reliably throughout a more sustainable, longer-term lifespan.
- **Smart Mines** are efficient to operate, while maximising safety and minimally impacting the environment throughout the life of a mine.
- **Smart Farms** cultivate data in ways that will optimise inputs and drive higher yields while lowering costs.
- **Smart Autonomous Mobility** is reimagining autonomous transportation with sustainability in mind — ensured safety, clean and more efficient.
- **Smart Buildings & Infrastructure** projects are optimised to reduce rework and build to plan—on time and on budget—while protecting human and material resources throughout the life of the asset.
- **Smart Cities & Nations** ensure governments, industry, and citizens work together to build safe and vibrant communities that promise the highest quality of life and sustainable economic vitality.