



HEXAGON



**Enable. Accelerate.
Deploy.**

AutonomouStuff company overview

About AutonomouStuff

Vision

To **enable, accelerate and deploy the future of transportation** by significantly reducing development time of autonomy, driving our customers forward. We do this by bringing together the world's best technologies: products, engineering services, software and Data Intelligence.



Founded in 2010,
headquartered in
Morton, IL



Consistent,
continuous growth



Thousands of
customers worldwide



Globally recognized
brand & strong
worldwide presence



Acquired by Hexagon
in September 2018

Hexagon | AutonomouStuff

About the acquisition:

- Hexagon acquired AutonomouStuff in September 2018.
- AS joined NovAtel, Antcom, VERIPOS and GPS Solutions in Hexagon's Autonomy & Positioning division (formerly the Positioning Intelligence division).
- Integration of AS led to creation of Hexagon's Smart Autonomous Mobility solutions portfolio.
- Press release announcing the completion of the acquisition distributed September 27, 2018 (<https://bit.ly/3emJDsl>).
- AS CEO Bobby Hambrick becomes Hexagon's Autonomy & Positioning division's Chief Autonomous Officer.



Hexagon

Hexagon

Empowering an autonomous future

Hexagon's business activities are conducted through more than 300 operating companies in about 50 countries worldwide.

We are transformation focused, with 10–12% of net sales invested in R&D.

- 3,800+ employees in R&D
- 3,700+ active patents

More than 20,000 employees across 50 countries

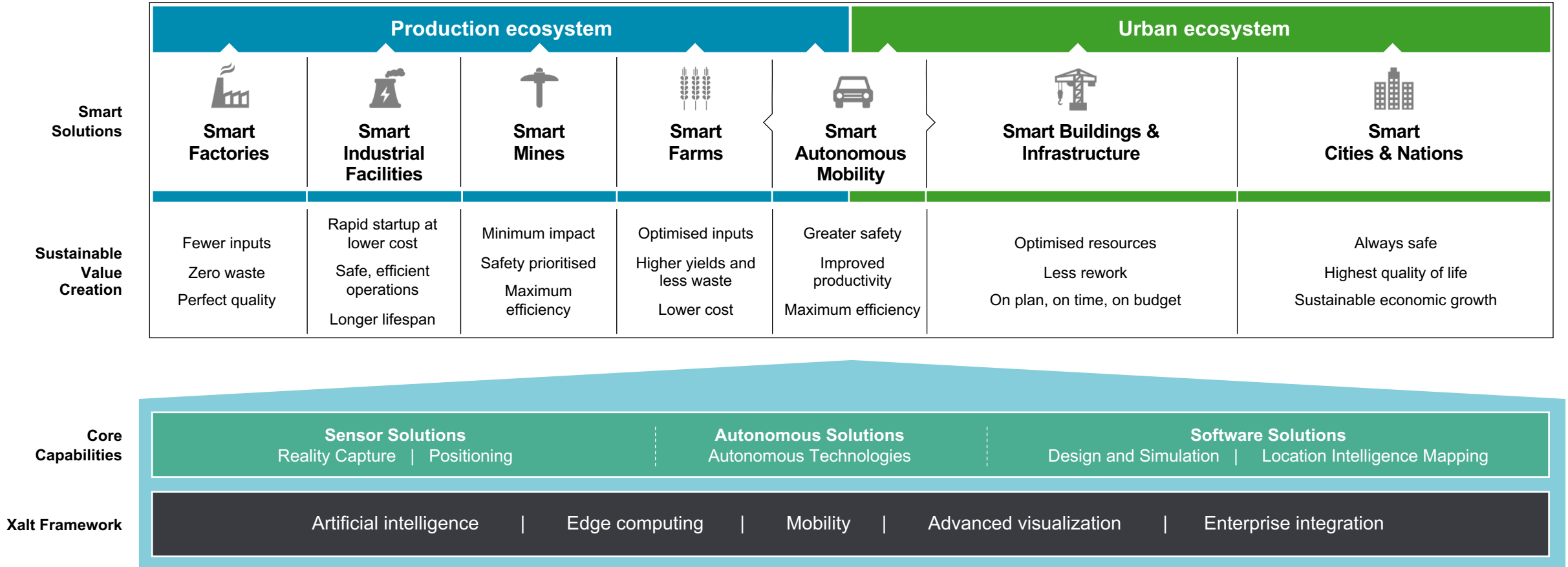
- 3.8 bn EUR in sales
- 25% operating margin

Hexagon is a global leader in sensor, software and autonomous solutions committed to a simple, yet powerful purpose: Putting data to work to empower an autonomous future.



Portfolio overview

By putting data to work our smart solutions empower increasingly autonomous, connected ecosystems that drive sustainable value creation



Smart Autonomous Mobility

Smart Autonomous Mobility

Enable. Accelerate. Deploy.

Hexagon's Autonomy & Positioning division

Hexagon's Autonomy & Positioning division

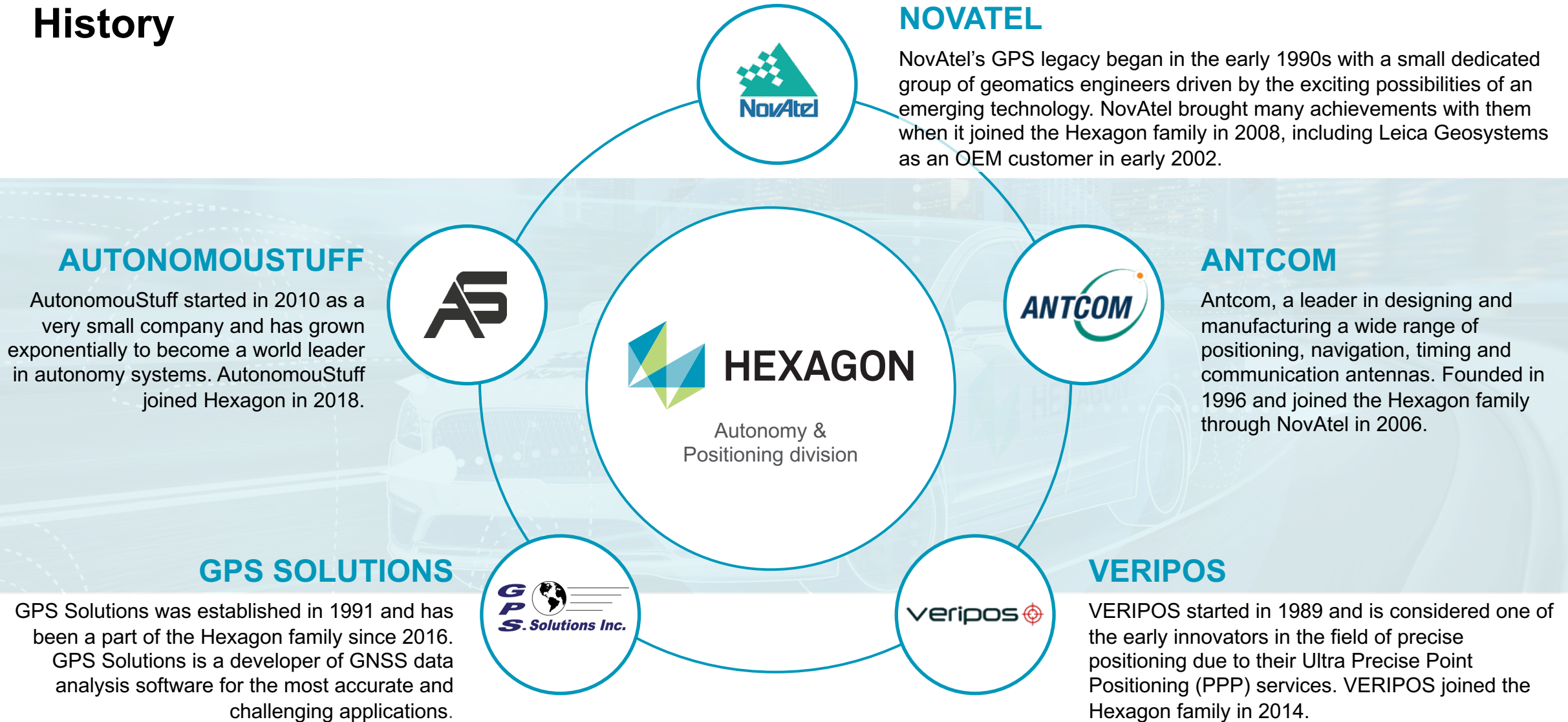
A GLOBAL TECHNOLOGY LEADER

that is pioneering end-to-end assured autonomy and positioning solutions
for land, sea, air.



We are the trusted partner, facilitating customized technical development and integration as well as providing expertise in specialized applications including safety of life.

History



AutonomouStuff

AutonomouStuff solutions



Products

Components &
latest technologies



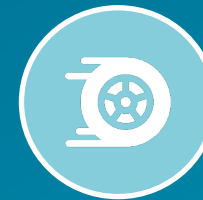
Services

Knowledgeable
engineering services



Software

Modular-based
software applications



Platforms

Automated
platforms for R&D

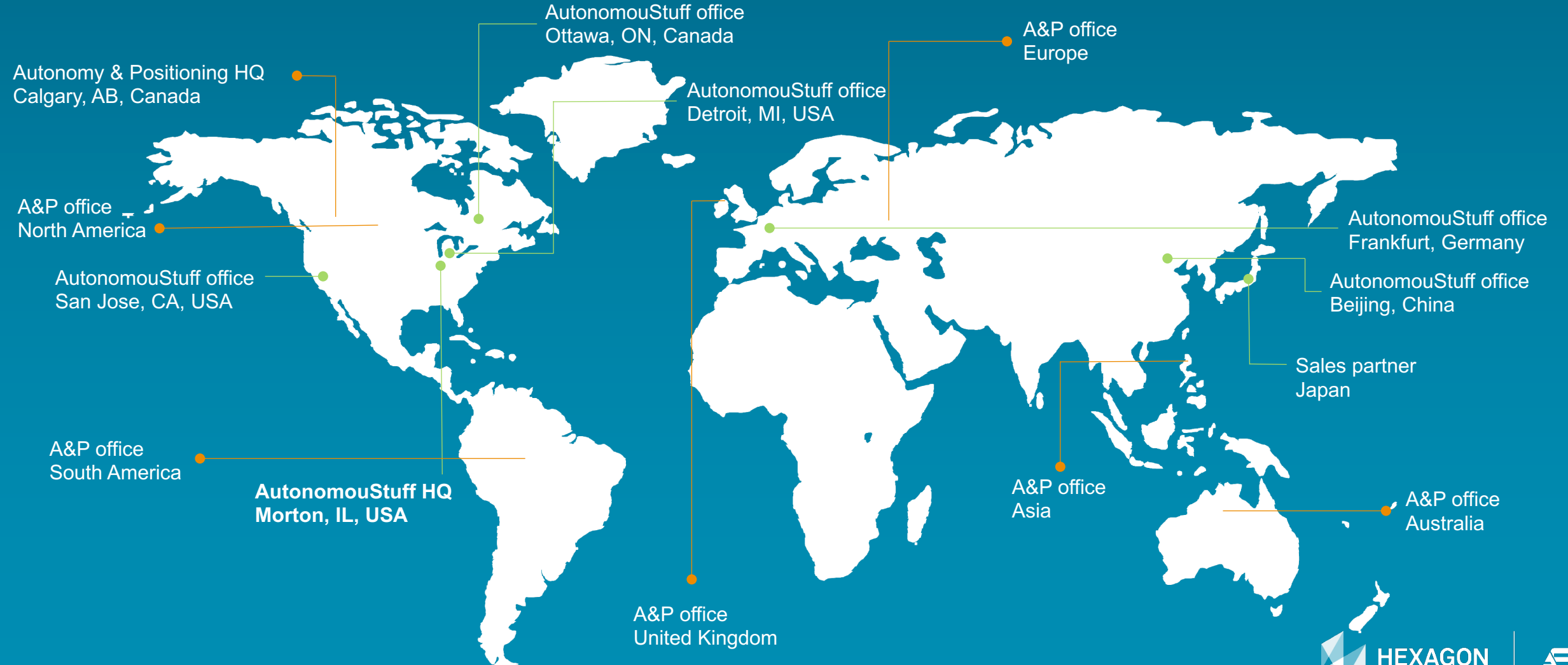


Data Intelligence

Build your own
cloud infrastructure

Strong global presence

Hexagon's Autonomy & Positioning division locations



Customers across all industries



Automotive



Universities



Maritime



Military



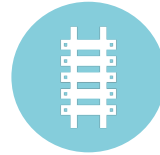
Robotics



Aerospace



Startups



Railroad



Agriculture



Mining

AutonomouStuff serves customers across a variety of industries.
We provide the best R&D platforms, products, software and engineering services to aide in the advancement of robotics and autonomy.

Supporting cutting-edge applications



Autonomous driving



3D mapping



Security & safety



Artificial intelligence



Convoy/road-train



Remote control
& monitoring



Object tracking &
classification



Robotics

AutonomouStuff's customers provide a variety of solutions.
Knowledge and experience are essential in mastering the challenge of
automated driving. We are dedicated to transforming the transportation industry.

A fleet of R&D vehicles



Lincoln MKZ



Ford Fusion



Lexus RX 450h



Ford Mondeo



Ford Ranger



Chrysler Pacifica



Toyota Minivan



Polaris GEM e2



Polaris GEM e4



Polaris GEM e6



Polaris GEM eL XD



Polaris Ranger



Tractor



Kenworth T680



Freightliner Cascadia



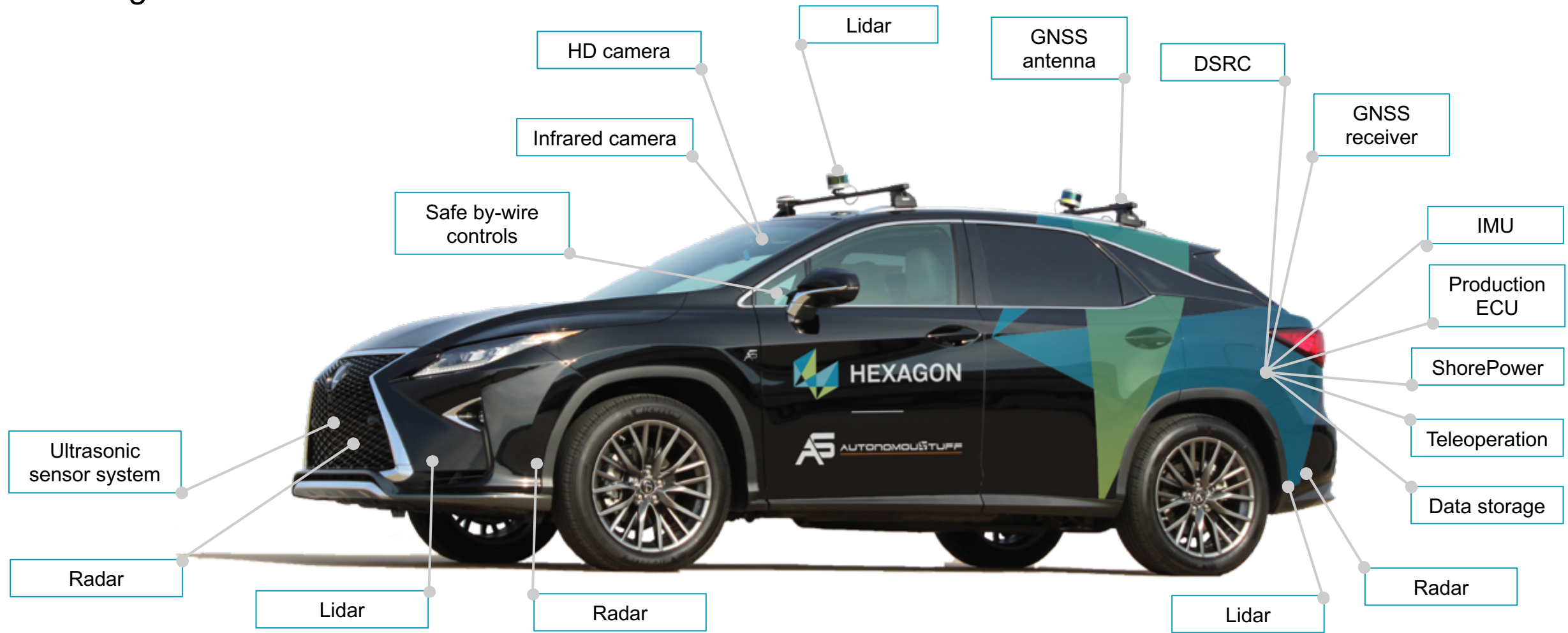
International Pro-Star



Custom vehicle

Components of an automated vehicle

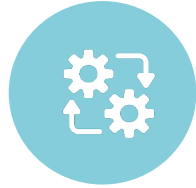
Driving autonomous R&D



Providing the industry's best products



3D



Actuation



By-wire controls



Computing



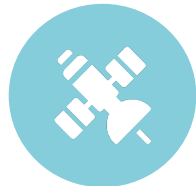
Data acquisition



Data storage



Enclosures



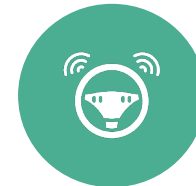
GPS-IMU FOG



Interface tools



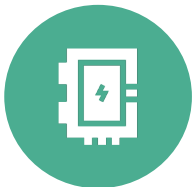
Kits



Lidar



Platforms



Power distribution



Radar



Software



Ultrasonic



Vision

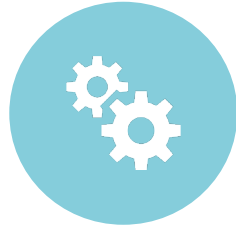


Wireless

Tailored services



Integration
services



Engineering
services



Consulting



Value-added
services

We provide components, engineering services and software that enable research and development in the autonomous industry. Our engineering services and ability to integrate best in class components are second to none.

State-of-the-art software



Highway
automation



Lidar Object
Processing



Shuttle
automation



Speed &
steering control

We are recognized by the automotive and robotics industries as leaders in developing platforms (middleware and software applications). We are leading the development of autonomous vehicles that work with a large network of partners to provide the world's most advanced software solutions.

Software solutions



AS Software:

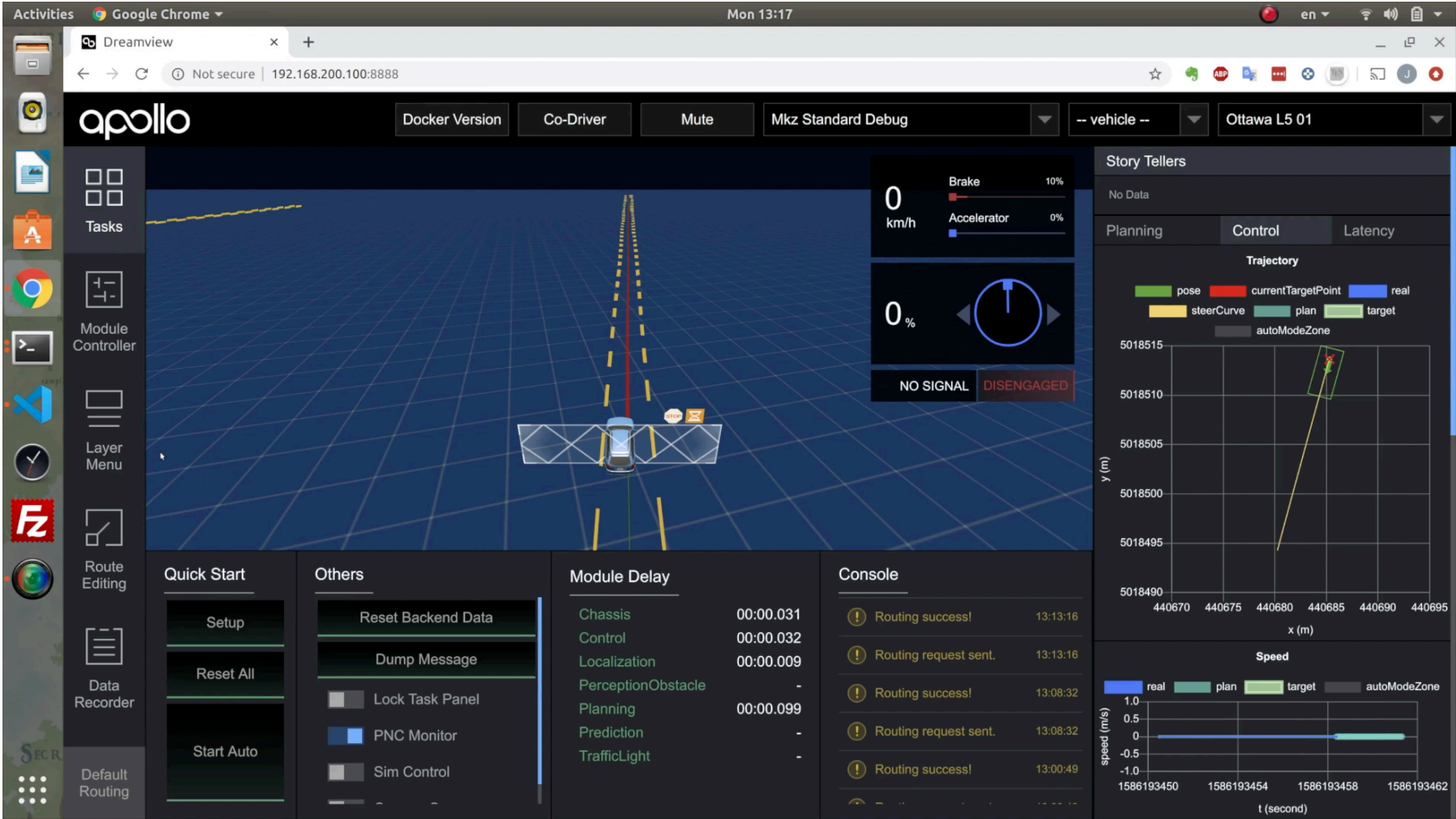
- Lane centering
- Stop & go
- Lane change
- Shuttle automation
- Speed & steering controls
- Camera based localization
- Lidar object processing
- Multi-sensor, localization-state estimation
- Adaptive cruise control



Partner Software:

- ROS integration
- HERE maps
- NVIDIA DriveWorks
- Kaarta Lidar localization
- Tier IV Autoware
- ibeo sensor referencing suite
- Baidu Apollo complete stack
- NovAtel GPS/GNSS post processing
- Designated Driver teleoperation

Apollo 5.5 with Open Autonomy Pilot



Cores of Data Intelligence



Data acquisition
& storage



Data classification
& labeling



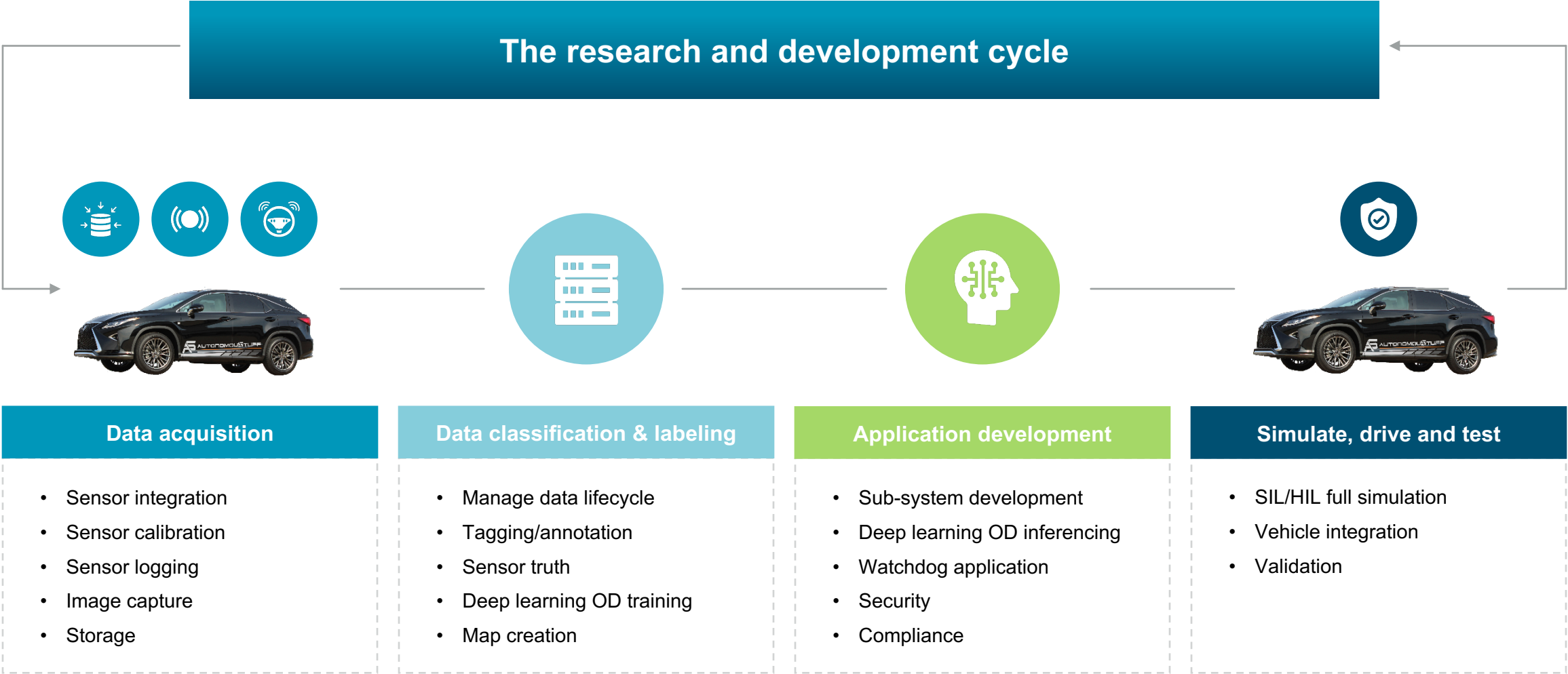
Application
development



Simulate,
drive & test

We help our customers by providing high performing economical storage solutions, sensor truth benchmarking, simulation expertise, data tagging/annotation expertise, data mining tools, mapping and many other areas.

Autonomous vehicle workflow





HEXAGON



AUTONOMOUS STUFF

