Digital transformation for manufacturing

Connecting and automating processes and data to drive greater value
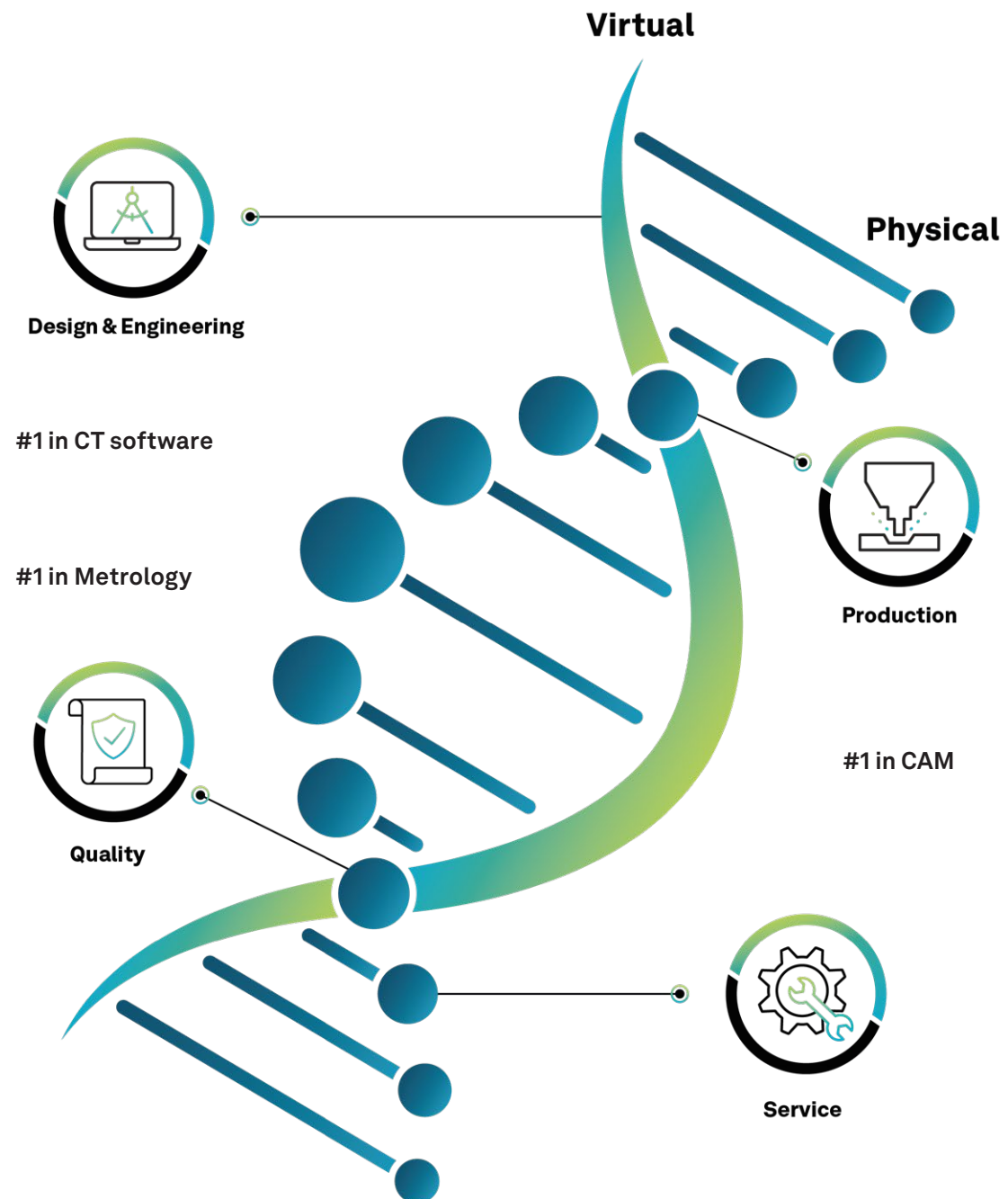
Why Hexagon?

Smart manufacturing is in our DNA

Hexagon's heritage and expertise is in manufacturing data, with digital touchpoints that converge the physical and digital worlds throughout the entire process: from concept to customer. As a global leader in manufacturing intelligence, Hexagon connects ever-expanding sources of data – from assets, and operations to development and production systems.

By putting this data to work, we connect and accelerate workflows and provide manufacturers with increasingly autonomous processes.

Virtual

Physical

Design & Engineering

#1 in CT software

#1 in Metrology

Quality

Production

#1 in CAM

Service

HxGN SFx integrates and automates smart manufacturing processes

SFx is a digital platform comprising of a unique set of industry technology services that integrates, automates and transforms customer manufacturing environments.

These open, modern, cloud native, services can be flexibly and dynamically utilised, integrated and deployed as part of a set of common services on which to integrate, automate and build a wide variety of solutions for Hexagon, its customers and its partners.

Features:

- Manage site, project, user, asset and manufacturing data and information, and automate key manufacturing processes

- Leverage real-time, modern IOT, sensors and assets, edge data processing, analysis, notifications and dashboarding to monitor efficiency in real time

- Facilitate enterprise integration with advanced plug in, no/lo code tools

- Engage with rich digital twin AR/VR visualisation and interaction

- Gain insight with advanced analytics and AI/ML

- Quickly build and deploy on PC or mobile apps (iOS/Android)

- Cloud-based, distributed microservices architecture, provides scalability, flexibility and accessibility

- Better ensure cybersecurity and mitigate risk

Leading the world in quality and unleashing the power of autonomy for global manufacturers

Corbins Electric
+200% revenue
with connected worker apps

Mueller
+40% productivity
on shop-floor operations

Exotic Metals Forming Company LLC
90-day app
implementation

Gentiva
Zero paper forms
with digital paperless traveller solution

Enabling smart workflows

Digital world

Unified data source	Data-driven dashboards	Complete accessibility	Flexible platform	Cloud-based	Highly secure	ML and AI analytics	Apps

Real world

Design → **Production** → **Quality** → **Maintenance**

SFx, a modern cloud platform to integrate, analyse and transform data into actionable, autonomous, information

HxGN SFx helps connect and integrate sensors, devices and applications, sending live event data which can be used to generate immediate and real-time insight. In turn, these insights can be used to generate actions to help improve a business or process.

People
Personnel, site and workflow integration

- User and site management
- Collaborative projects
- Workflows and task automation

Applications
Application and data integration

- Application encapsulation and integration
- Document management
- Data integration

Devices
Machine, device and edge integration

- IoT device management
- IoT hub
- Real-time event hub, management and notifications

Visibility and transparency
Mobility, visualisation, dashboards, reporting and analytics

- Mobility services
- Visualisation
- Dashboards, reporting and analytics

Predictive power and autonomy
Intelligence and automation

- Statistical analytics (via Q-DAS)
- Engineering (via CADLM ODYSSEE)
- AI services (via Xalt)

Sustainable growth

Hexagon's SFx technologies enable digital transformation to better realise new growth opportunities

Visibility and transparency

Data is increasingly managed, available, transparent, visible and secure.

Digitisation and connectivity

Relevant processes are increasingly digitally supported.

Predictive insight

Projection of data and learning, for future-based scenario modelling to better anticipate unexpected events.

Autonomous execution

Delegating decisions to drive automated responeses, based on data past respnses and learnt outcomes.

Get started with real-world, practical engagement!

We serve 49,000 leading manufacturers | 95% renewal rate | 500,000 installed software licences

hexagonmi.com/SFx

HEXAGON

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.

Hexagon's Manufacturing Intelligence division provides solutions that utilise data from design and engineering, production and metrology to make manufacturing smarter. For more information, visit hexagonmi.com.

Learn more about Hexagon (Nasdaq Stockholm: HEXA B) at hexagon.com and follow us @HexagonAB.