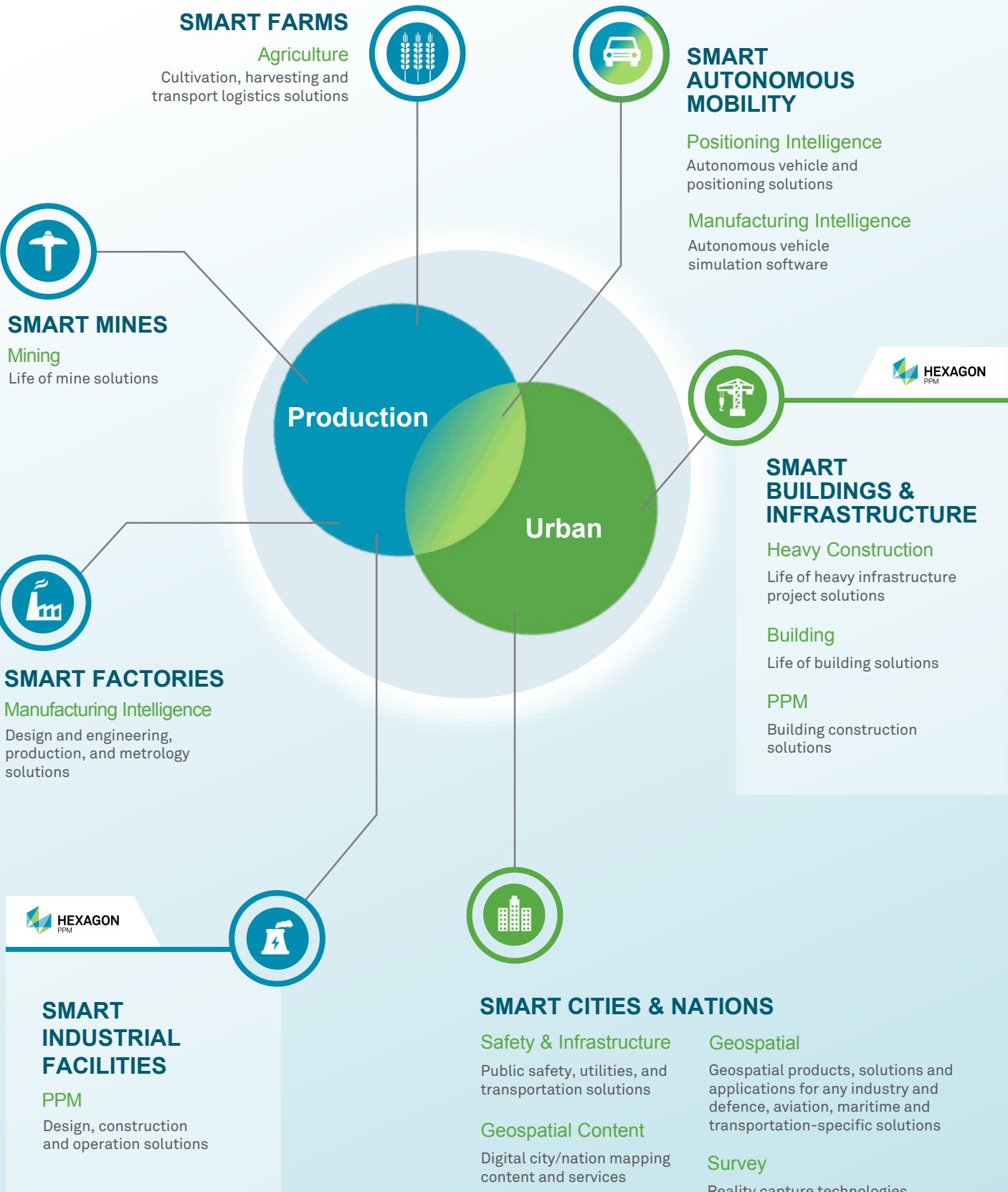


HEXAGON GROUP'S DOMAIN EXPERTISE SMART SOLUTIONS EXPERTS



HEXAGON TECHNOLOGY STACK

Hexagon, the parent company of PPM, is a leading global provider of information technologies that drive productivity and quality across industrial and geospatial enterprise applications.

Hexagon’s solutions integrate sensors, software, domain knowledge and customer workflows into intelligent information ecosystems that deliver actionable information used in a broad range of vital industries.

Industrial Enterprise Solutions
The business area comprises the following divisions:
Manufacturing Intelligence
PPM

Geospatial Enterprise Solutions
The business area comprises the following divisions:
Geosystems
Safety & Infrastructure
Positioning Intelligence

Group Functions
Finance
HR
Legal
Marketing
Strategy

Contact our support centres:

New South Wales Level 4, 32 Walker Street North Sydney NSW 2060 Phone: +61 2 9956 4000	Victoria Ground Floor, 660 Doncaster Road Doncaster VIC 3108 Phone: +61 3 9856 1900	Western Australia Level 16, 140 St Georges Terrace Perth WA 6000 Phone: +61 8 6465 2000	Queensland 270 Gladstone Road Dutton Park QLD 4102 Phone: +61 7 3510 8900
---	--	--	---

hexagonppm.com/digital-transformation-solutions

HEXAGON PPM: EVOLVE YOUR BUSINESS

SOLVING ENGINEERING
 DESIGN, CONSTRUCTION
 AND OPERATION PROBLEMS
 SOFTWARE SOLUTIONS



50 years ago, two men – whose work with IBM helped create the technology that sent a man to the moon – began an engineering design revolution when they opened a company which provided interactive graphics software that visualised data captured in the field. This company was called Intergraph.

1973 was a landmark year for Intergraph's culture. The metropolitan government of Nashville/Davidson county, working with Ph.D. Mathematician Dr. Joel Orr, needed a municipal mapping system to analyse traffic accident reports. Intergraph had no mapping systems, but in a feat of engineering excellence, proposed adapting its visualisation software from integrated circuit design to managing geospatial data. This included digitising and interfacing this data with the metro government's IBM 370/145 Mainframe computer, allowing the government body to view maps on a CRT screen, edit and interact with those maps, and generate reports for a wide range of functions, such as school districts, fire and police departments.

This one piece of work put Intergraph on the map, and the company's growth exploded.

Today, while we carry a new name - Hexagon PPM – and many more software solutions outside of design and visualisation, we also carry that pedigree of adapting engineering solutions to each business' needs, in whatever industries they operate, from government to AEC.

Engineering is the beating heart of our company. We solve problems, no matter how large or small. Today's market dictates we must prepare for digital transformation across our entire industries. Accordingly, we have acquired new technology to empower you with the solutions needed to achieve profitable business outcomes.

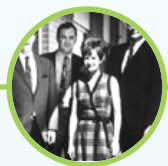
In 1969, Hexagon PPM helped send man to the moon – Today, we aim to prepare your business for the 22nd century.

THE '70s-'80s
GROWTH & DOMINANCE



1978-1984
EXPLOSIVE GROWTH

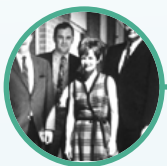
By understanding the human factors in system design, M&S Computing's (now Intergraph) revenue grows by a factor of 20 to over \$400 million becoming the dominate engineering design and mapping system vendor. Company enters AEC market and develop process plant engineering software for attribute data - which becomes 60% of the business by 1981.



1985-87
UNIX REVOLUTION

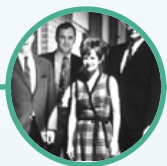
Intergraph assists customers in transitioning from VAX/VMS host-based software environments to UNIX environments using networked computers and servers. Begins building object-orientated design software from the ground up, opposed to porting from VAX / VMS.

THE '90s
IDENTITY CRISIS



1993-1998
THE PLATEAU

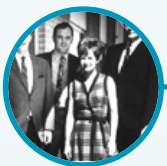
Intergraph is spread thin across hardware and software as specialised competitors in each vertical, such as Intel, Microsoft and Hewlett-Packard, begin to effectively challenge the company's product offering. The astronomical growth of the 80s stalls.



1999
DARKEST BEFORE DAWN

Share prices hit a dramatic low of \$3.19 in 1999, down from \$17+ in 1989. Eroding faith from Wall Street triggers a major restructure at Intergraph, which sells all its hardware divisions and casts off non-core software products. This process coalesces into a new focus - a pure engineering software company. The company enters the new millennium battered and bruised, but ultimately - unbroken.

THE '00s
FROM THE ASHES...



2003
LANDMARK

Intergraph launches SmartPlant 3D after significant development effort. This platform breaks new ground in engineering design, allowing for concurrent work with clash detection running in the background. The challenges of geographically -dispersed and asynchronous design were conquered. Intergraph reports a profit and will continue to do so.



2005
THE PHOENIX RISES

Share price explodes to a new high of \$51.47 - a factor of 17 increase from the 1999 low. In just five years, Intergraph restored Wall Street's faith and transformed the business into a focused entity, which now has just two division – Power, Process & Marine (PP&M) and Security, Government & Infrastructure (SG&I). A private equity firm acquires Intergraph in 2006 and sells the company to Hexagon AB in 2010 for a 10-figure sum.



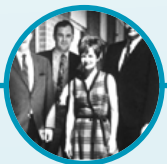
2015

Intergraph PP&M acquires project performance software company EcoSys. This software gives customer the power to report more accurately on cost and identify overrun before it occurs, signaling a strategic move toward 5D Modelling (visualising time and cost) when combined with its existing SDx Platform.



2017

Intergraph PP&M rebrands to Hexagon AB's mission of linking information silos and delivering actionable information that enables customers to make smart changes across diverse business and industry landscapes. Hexagon PPM launches SDA Collaboration, a platform which links data from project and construction to operations and maintenance.



2018
RETURN TO AEC

Hexagon PPM acquires BricsCAD and signals a return to the AEC market. BricsCAD supports 2D/3D general, mechanical and sheet metal design and building information modelling (BIM) in one system and is based on the .dwg format, giving users access to many vertical CAD applications. At the same time, Hexagon can now provide an end-to-end platform to connect, automate and autonomise the entire building and construction ecosystem.



2019 & BEYOND

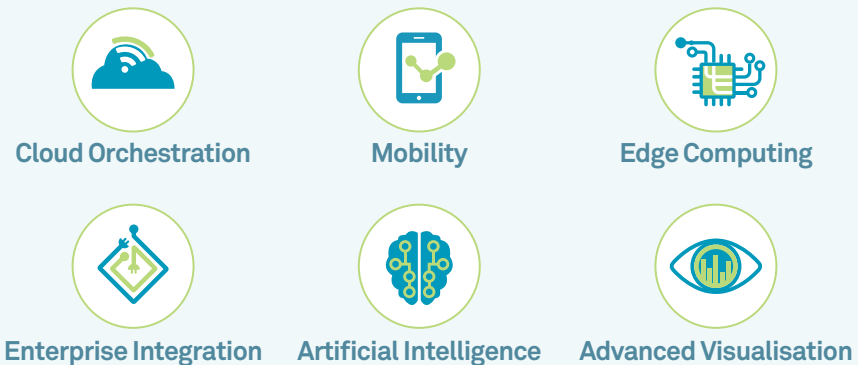
Hexagon PPM, with its 50-year pedigree and vision of the future, sits poised to help industrial and civil engineering, manufacturing and geospatial industries "put their data to work". The only question that remains is – how can we evolve your business?

HEXAGON PPM PRODUCTS ASSET LIFECYCLE

Design	Deliver	Control	Operations
Concept Design Detailed Design HEXAGON PPM BRICS CAD	Procurement Fabrication Construction Completions & Commissioning SmartPlant Electrical SmartPlant Materials SmartPlant 3D SmartPlant P&ID	Project Performance Performance Contracts HEXAGON PPM EcoSys™	Incident Management Inspections Smart Procedures Turnaround Planning Brownfield Digitisation Process Safety Management Permit to Work Connected Operator IIOT Operations Change Management Work Instructions international
Collaborate	Deliverables Management	Collaboration	Interoperability

X ALT PLATFORM

Powering PPM's products with next-generation technologies



WE AIM TO PREPARE YOUR BUSINESS FOR THE 22ND CENTURY