

INNOVATE · ACCELERATE · CHALLENGE

Connected medical devices: capturing value and controlling its costs, the impossible equation?

Conference Med'Inov 2019

Healthcare data is rising at a faster pace than ever



2,314 EXABYTES...

... of Healthcare data will be available in 2020

More than 15 times than in it was in 2013

i.e. an annual growth rate of 48%



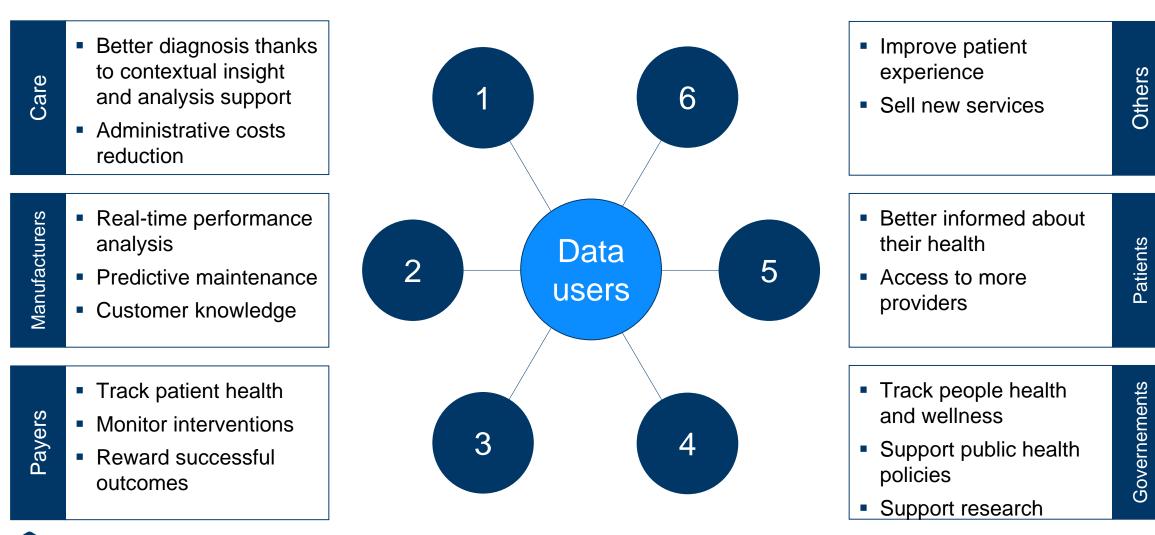
Every healthcare company is concerned, medical devices are a major source with 16% of data creation

Healthcare data sources per type of owner Connected medical devices EMR Medical images Providers Other medical records... EHR – global files (birth to death) Cost estimates Payors Utilization of care... Clinical trials Pharma R&D High-throughput-screening libraries Wearables Social media Patient Purchasing history...

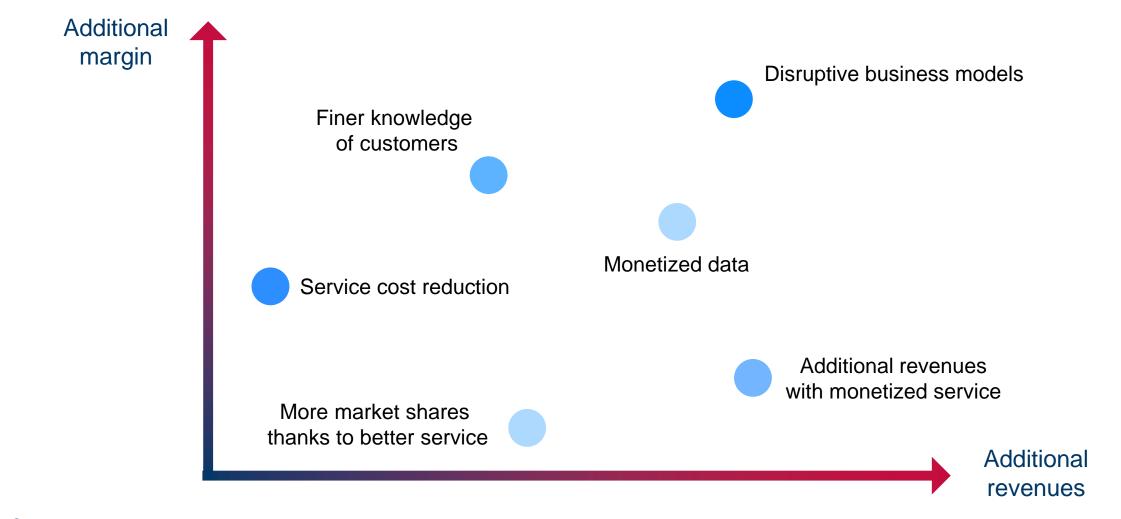
IAC PARTNERS

Data will be of use for every actor of the value chain

PARTNERS



Companies that take the lead can leverage on data to create more value





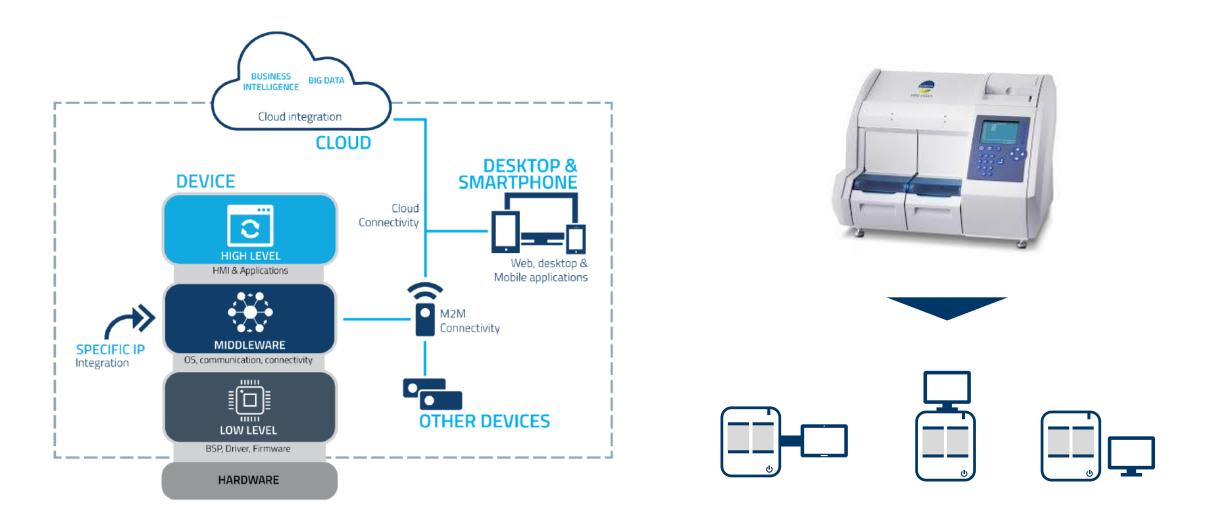
However, costs are among the main challenges of manufacturers in this shift





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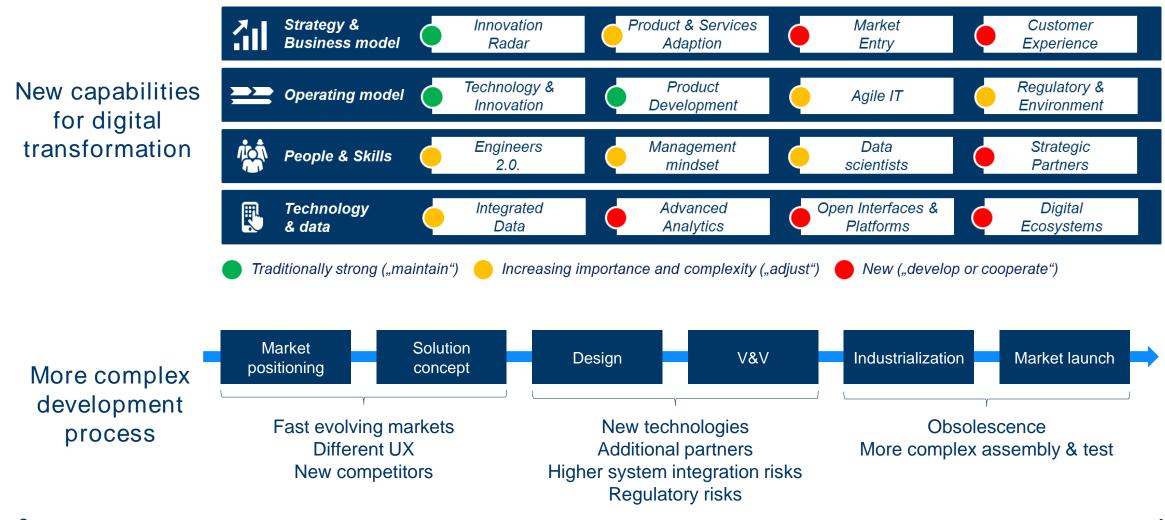
Additional technology is required, hence higher production costs



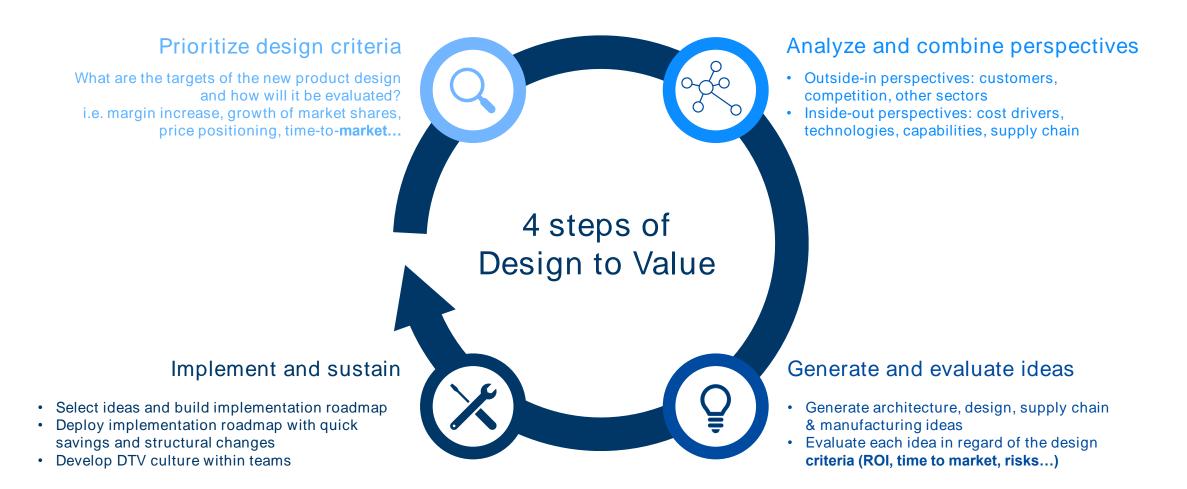


Source: Witekio

New capabilities need to be onboarded, development lead times and costs can increase due to higher risk and more complex environment

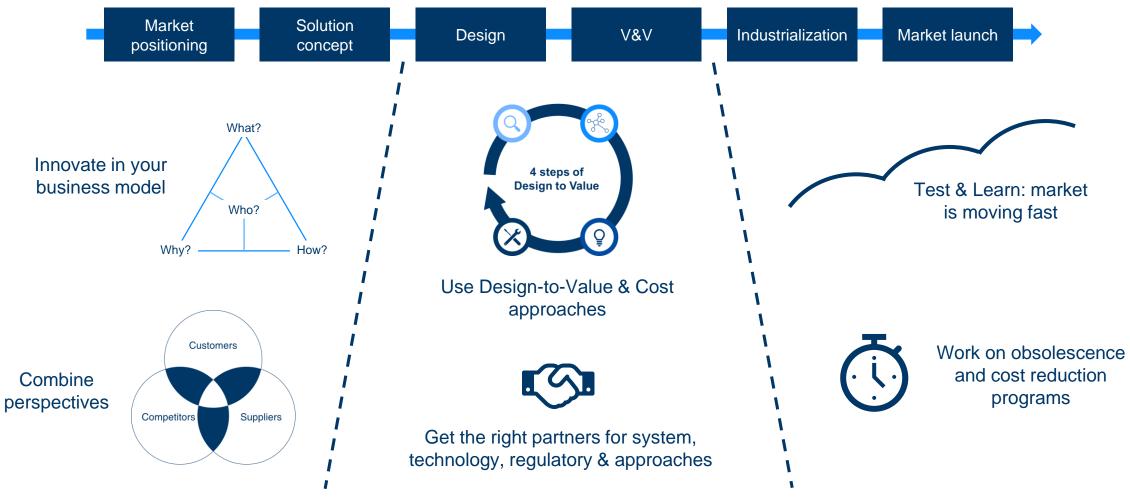


Reducing the costs through design-to-value & cost becomes necessary more than ever, in an industry not used to it



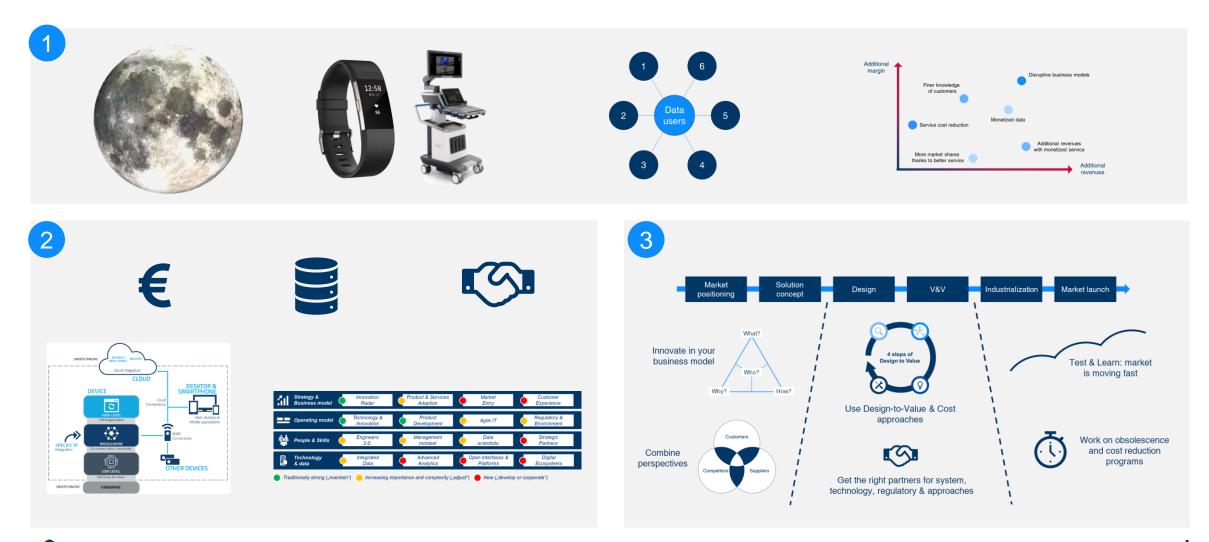


But the key to success is to limit cost increase while focusing on capturing the value





In a nutshell...

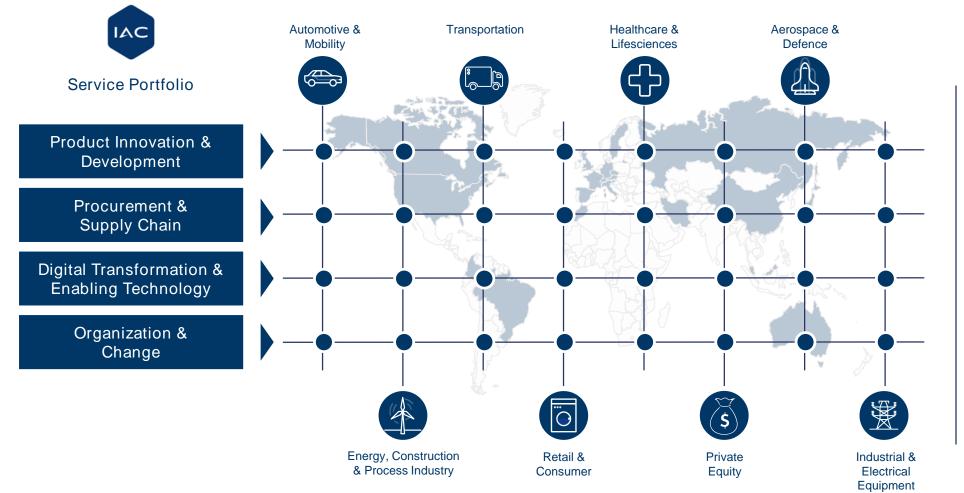


IAC PARTNERS



IAC in brief

IAC Partners combines top-tier strategy consulting mind- & tool-set with real-life industry expertise and hands-on delivery



PARTNERS

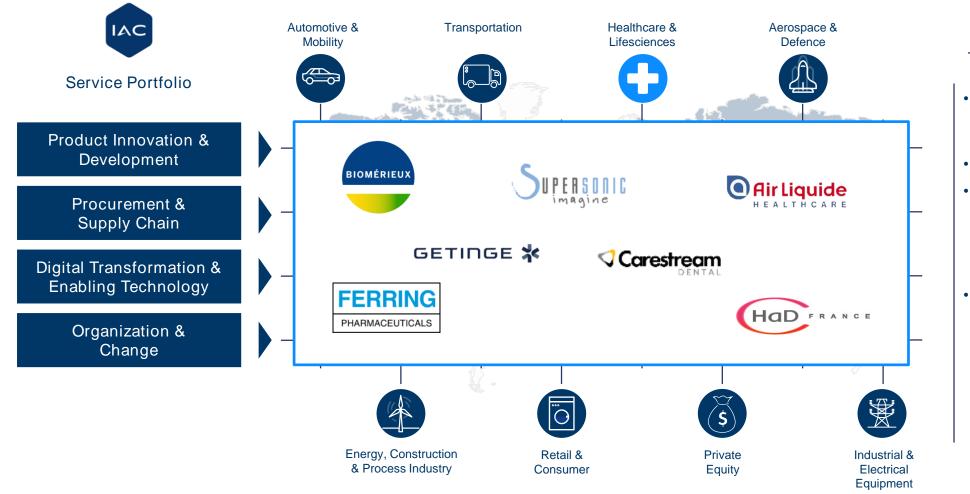
Value Proposition

- Top-Tier Strategy
 Consulting Mind- & Tool Set
- Real-life industry expertise
- Hands-on delivery of topquality consulting services

 from strategy to organizational implementation
- Global footprint with offices in France, Germany and US, APAC to be opened beginning of 2019

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IAC Partners has strong credentials on the healthcare value chain, from device manufacturers and pharma to homecare

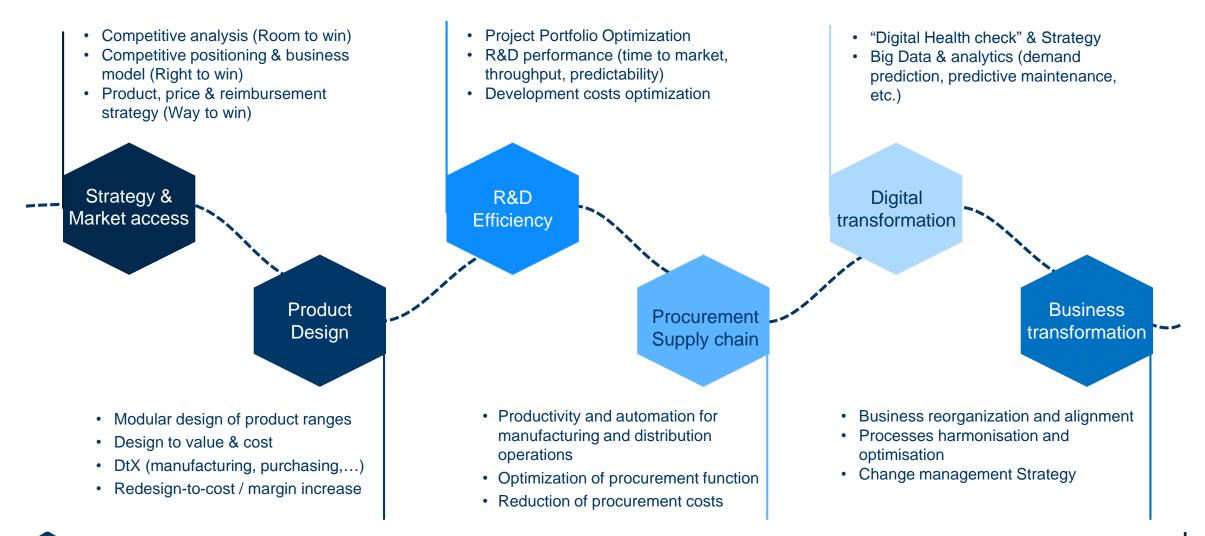


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IAC supports its customers in the medical device sector in their transformation journey and focuses on *making change happen*



IAC PARTNERS

Jean-Baptiste GUILLAUME – Sector and Practice Lead



PARTNER Jean-Baptiste GUILLAUME

Education

Jean-Baptiste is an engineer holding a degree from National Institute for Applied Sciences of Lyon in Electrical Engineering and from HEC Paris in Strategic Management.

Career

Prior to joining IAC Jean-Baptiste was senior consultant in Ernst & Young Strategy and Performance Improvement consulting activity, where he conducted strategic planning projects for startups to international companies.

Jean-Baptiste joined IAC in 2010 and now leads the Product Development & Innovation practice as well as the Healthcare sector.

Expertise

The project range includes:

- Develop new product or product ranges, from market positioning to product launch
- R&D Excellence
- Innovation management
- Industrial performance

Selected References:

- Healthcare
 - BIOMERIEUX
 - GETINGE
 - AIR LIQUIDE Healthcare
 - SUPERSONIC
 - IMAGINE
- ACTEON
- Soins & Santé
- Aerospace
 - AIRBUS
 - ZODIAC
 - THALES
 - SAFRAN

Publications :

2016 - Accelerate time-to-market: which stakes, which solutions?

- Consumer goods

PLASTIC OMNIUM

GRAMMER GmbH

- Industrial equipment

SAUER Compressors

MAGNA GmbH

Groupe SEB

BEABA

- Automotive

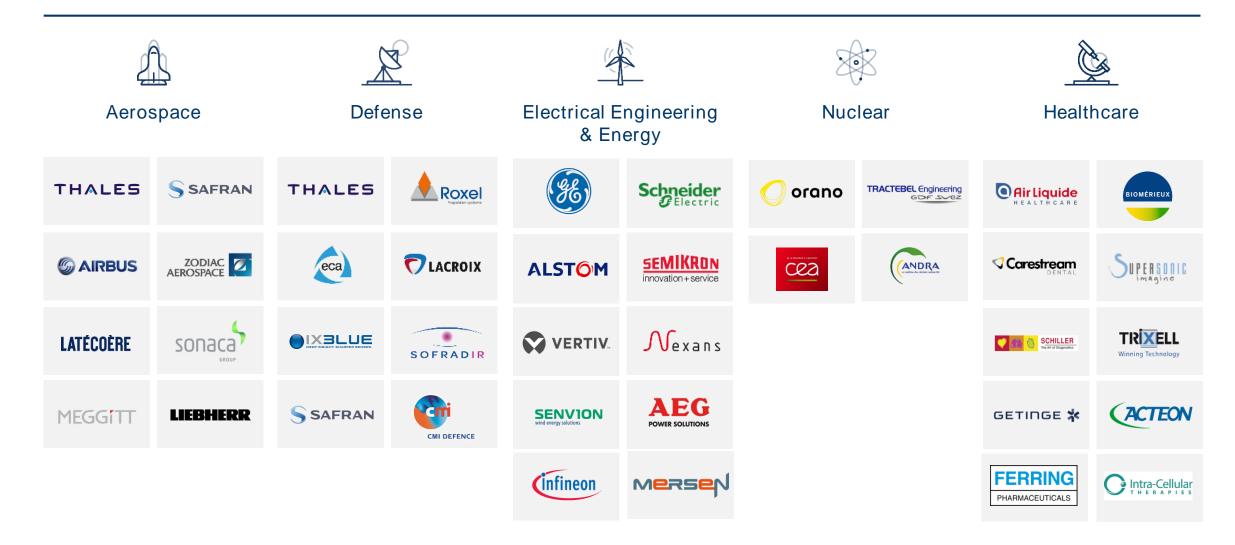
VEOLIA

VERTIV

- 2017 Connected objects: don't forget the object!
- 2017 Emerging markets: how to succeed?
- 2018 Ecodesign: towards new business models
- 2018 Made in France: customer's willingness won't be enough
- 2018 Technomimetics: an alternative to biomimetics

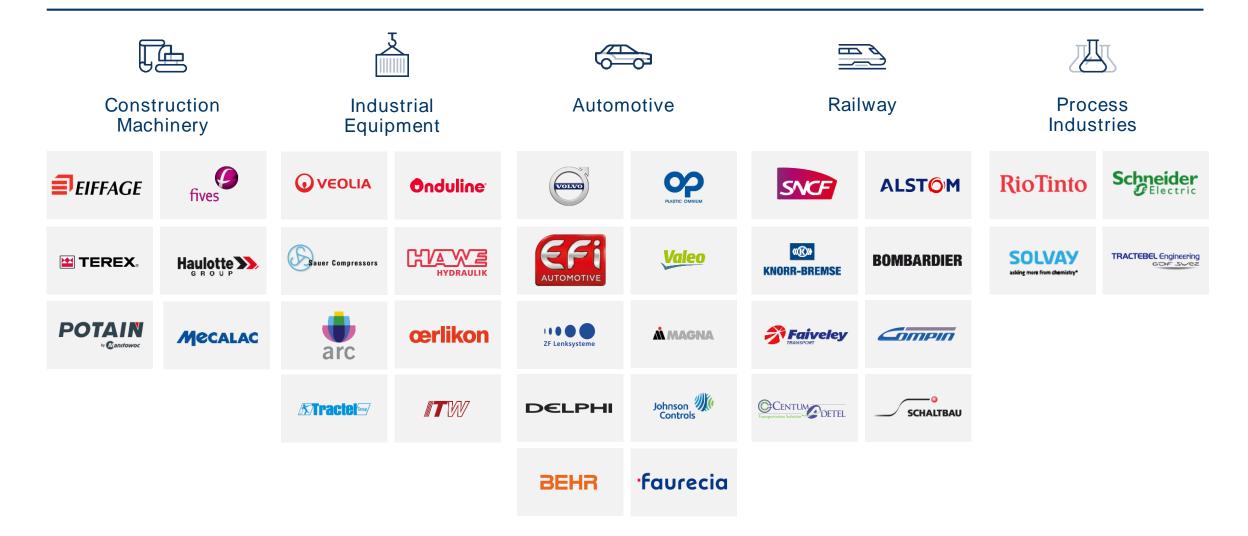


Selected customer references





Selected customer references





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Our network of privileged partners



Costing, Benchmark, Sourcing and online Consultations with The Price Hub



Take advantage of the innovations of CEA Tech and benefit from their technologies in our consulting missions



Data Science experts Predictive maintenance Sales forecast



We digitalize the PMO activities with secure, virtual meeting rooms for real time, multi-site collaboration, anytime and anywhere.



Industrialization experts Production site in France



Industrialization Design to manufacturing China production network



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Publications recently released



Secure and optimize project development budgets

Focus on aerospace and defence study costs



Hydrogen: A breakthrough is underway!

What will be the implications of hydrogen in the coming years?



Predictive costing at the service of your competitiveness

How to optimize the design of your new products thanks to data science and new digital tools





Relocation in France: Yes we can!

The visible or hidden costs and gains of an industrial relocation are studied with a global Total Cost of Ownership (TCO) approach

Platforming, gain in competitiveness

Platforming has the advantage of offering a great diversity in aesthetic designs, thus satisfying a wider spectrum of customers, and easily addressing markets

Additive manufacturing: which benefits and how to leverage on them

IAC answers your questions about 3D printing



- Emerging markets: how to succeed?
- IAC presents the three key conditions to successfully implement and commercialize its offer in emerging countries



Accelerate your Timeto-market

to IAC's social media

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articles.

publications,

case studies

and more on

iacpartners.com

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Challenges and solutions



Connected devices: let's not forget the object

How to implement a connected object project efficiently and cost-effectively?









Watch our videos on Youtube

Clients testimonials

Atlantic, Sauer, Vertiv...They trust IAC to improve their competitivness. Watch their video testimonials!







Industry leads

For over 30 years, our managers and directors have been active in all major industrial sectors. Find out their insights on the ongoing mutations.







Careers @ IAC Partners

IAC is above all made up of men and women who have a common objective: to achieve excellence.







Senior Advisors

Learn about the career paths of Henri Brochet (Former Deputy Managing Director of Thales Alenia Space) and Guy Maugis (former Director of Bosch).









Contacts

Industries

Aerospace & Defence	Automotive & Mobility	Industrial & Electrical Equip ^t	Transportation	Benoît Petit
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