



Strategize the AI journey  
for any industry now



**Atos**

# Artificial Intelligence (AI), the cornerstone of digital transformation

Artificial Intelligence (AI) has created a new paradigm for applications in the scientific and industrial domains, catalyzing the translation from data to actionable insights.



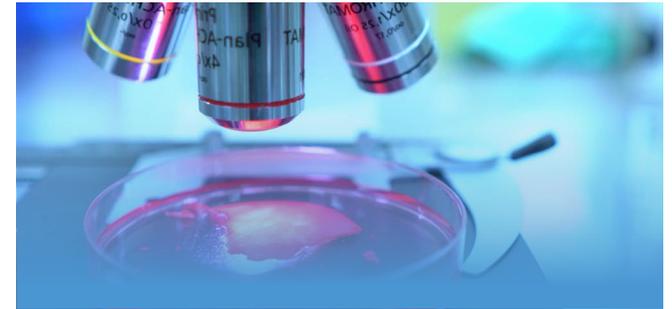
## Smart cities

Human screeners are not always able to detect threats during security screenings. Machine learning solutions can improve the effectiveness of security screening and ensure public safety. qui blaborem et, sit, sit, omni del eiuntest elicitos doluptatur, sum autem cupratiur re duntesciet ut ut hicis rovid ebision



## Driverless cars

For a driverless car to reach its destination safely and efficiently, a vast amount of data must be processed. Combined with an efficient storage system, a trained computer can make intelligent decisions like a human.



## Drug discovery

The current drug design process can take up to 10 to 15 years of exhaustive research, huge financial investments and clinical trials to discover a valid molecule. AI can significantly accelerate the process and saves lives.

According to PwC 's global study, AI will provide up to a 26% boost in GDP for local economies by 2030.<sup>1</sup>

# The challenge

AI/ML (Machine Learning) requires enormous quantities of data and an exponential need in terms of computing power. Dedicated high-performance AI infrastructures become crucial for enterprise competitiveness and future research breakthrough.



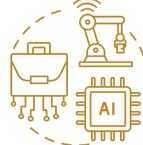
## Data quality, strategy governance

Secure, qualified, unbiased data and a clear strategy are the starting point for good ML models.



## Design complexity

It's critical to understand the computing goals of AI for fast, capable and cost-efficient systems.



## AI literacy

Efforts can be hindered by a lack of AI proficiency in the workforce, thwarting efforts to efficiently run, operate and capitalize the system.



## Industrialization and scalability

The cost of a large-scale AI system is substantial and often hidden.



## Digital security

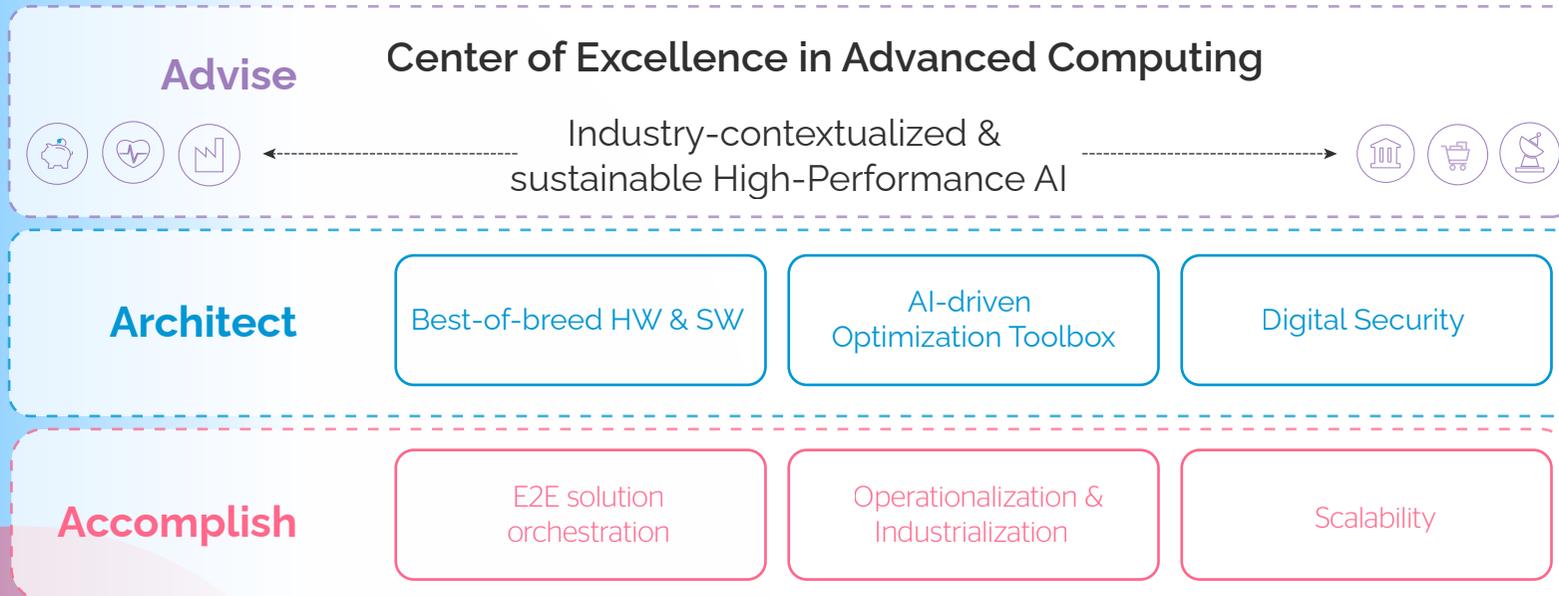
Lack of knowledge about the security risks of computing platforms, data and algorithm trust in AI projects.



# Atos ThinkAI solution

Atos ThinkAI enables enterprises and researchers to envision, architect, build, and deliver scalable, energy-efficient high-performance AI solutions in weeks.

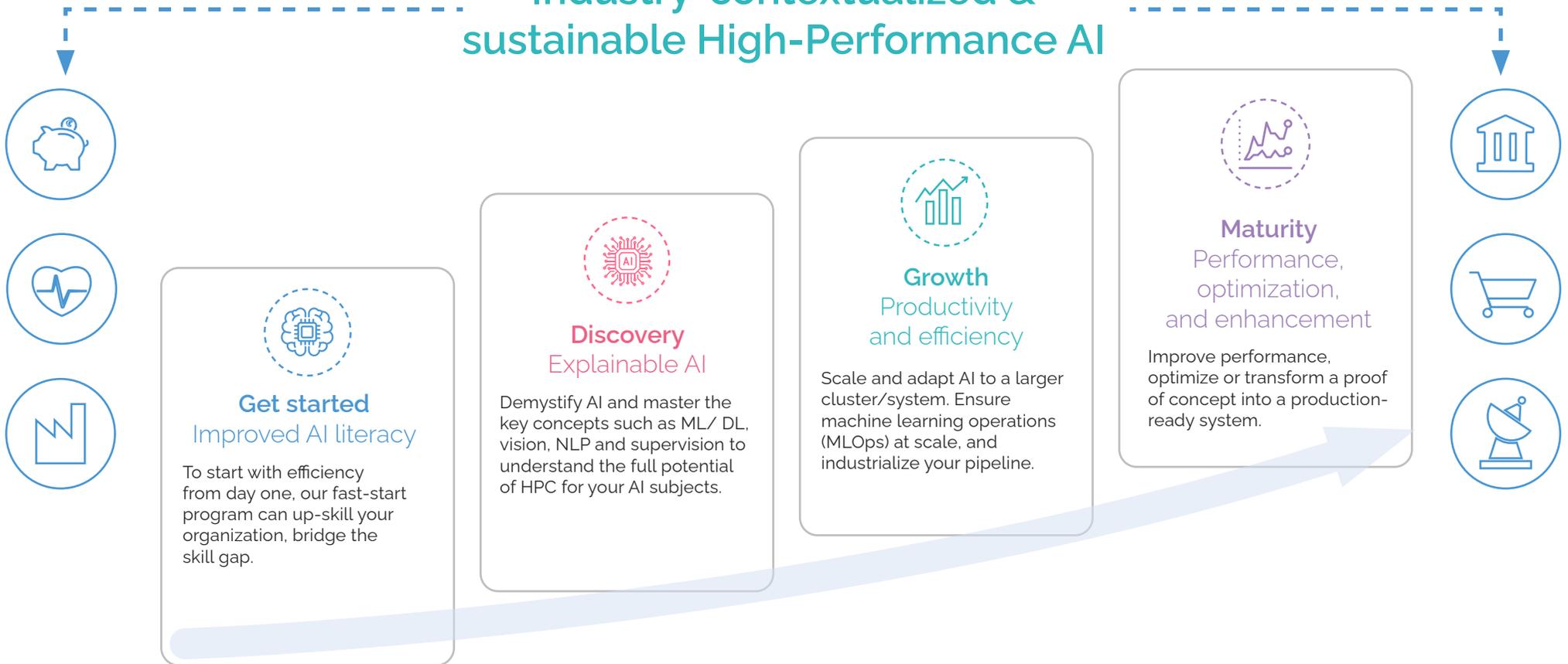
## Solution Framework



# Advise: Center of Excellence in Advanced Computing

The Atos CoE in Advanced Computing provides all the experts and specialists necessary for each step in your AI journey. Our domain experts are specialized by industry, capable of understanding and mastering the challenges and expectations of our clients and partners.

## Industry-contextualized & sustainable High-Performance AI



# Architect

Building scalable AI applications requires resources, skills, and knowledge that go beyond just hardware or software. This specialized knowledge and experience are beyond the reach of most organizations, so a trusted partner is essential to reap the full benefits that AI can deliver.



**Best-of-breed  
AI hardware  
and software**

To start with efficiency from day one, our fast-start program can up-skill your organization, bridge the skill gap.

● ● ●



**AI-driven  
optimization  
toolbox**

Atos brings value-added software, like HPC Software Suites, accelerating AI development for specific industries and optimizing system uptime.

● ● ●



**Digital security**

Atos is able to provide AI computing platform products and services, as well as perform risk analysis on AI projects to identify potential threats.

● ● ●



# Accomplish

By orchestrating best-of-breed hardware, software, and expertise in digital security, Atos supports enterprises and academic institutions to tackle the daunting complexity, accelerating your time to AI operationalization and industrialization at optimized cost.



## End-to-end solution orchestration

With a deep understanding of client objectives and partnership management, as well as long-standing experience in HPC deployment, Atos is the prime leader to ensure execution excellence.



## Operationalization and industrialization

Our abilities include designing, building, and running large-scale, mission-critical solutions, leveraging our secured AI computing continuum portfolio.

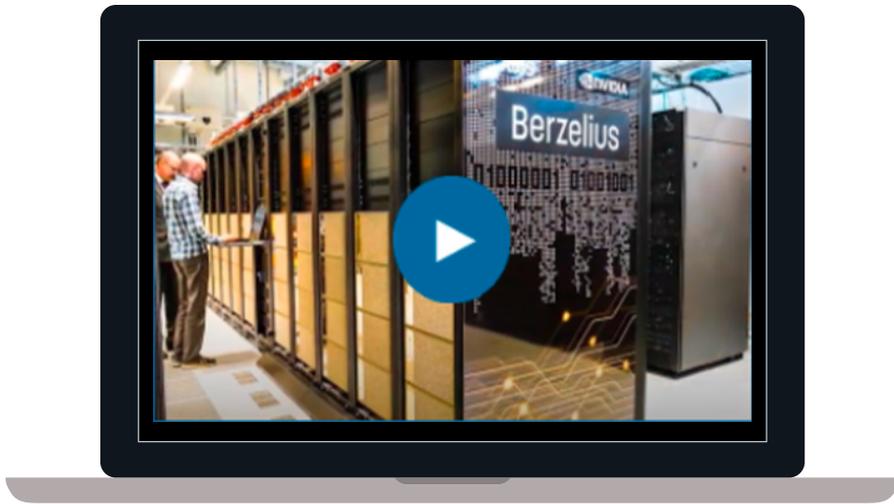


## Scalability

AI-powered simulations can only change the game for enterprises and institutions when industry-contextualized AI algorithms/applications are developed and executed at scale.



## Client story



By “Advising, Architecting, and Accomplishing”, Atos “ThinkAI” is empowering enterprises and researchers to reap the benefit of AI for their core business!

Atos recently delivered and installed Berzelius, Sweden's fastest supercomputer for AI. Berzelius is a powerful resource to advance AI research and boost collaboration between academia and industry in Sweden.

[Learn more...](#)

## Contact us



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# About Atos

Atos is a global leader in digital transformation with 105,000 employees and annual revenue of over € 11 billion.

European number one in cybersecurity, cloud and high performance computing, the Group provides tailored end-to-end solutions for all industries in 71 countries. A pioneer in decarbonization services and products, Atos is committed to a secure and decarbonized digital for its clients. Atos operates under the brands Atos and Atos|Syntel. Atos is a SE (Societas Europaea), listed on the Next 20 Paris Stock Index.

The purpose of Atos is to help design the future of the information space. Its expertise and services support the development of knowledge, education and research in a multicultural approach and contribute to the development of scientific and technological excellence. Across the world, the Group enables its customers and employees, and members of societies at large to live, work and develop sustainably, in a safe and secure information space.

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Let's start a discussion together



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