

Industry X CENTER

Intelligent and Cybersecure Industry

The image shows the exterior of a building with a large, stylized logo on its facade. The logo consists of a black triangle pointing right, with a bright yellow chevron shape inside it. Below the triangle, the word "accenture" is written in white, lowercase, sans-serif letters. A smaller yellow chevron symbol is positioned above the letter 't'. The building is set against a backdrop of mountains and a cloudy sky.

accenture

Industry X Center

Intelligent and Cybersecure Industry

We invite you to discover the new Industry X Center in Bilbao, dedicated to intelligent and cybersecure industry. An innovative space where you can find the leading technologies, highly specialized talent and our deep industrial knowledge.

The Center is dedicated to digitally reinventing industry by transforming the core industrial processes (engineering, production and maintenance), enhancing workers' experiences and creating new digital business models. A center where innovation is scaled up and implemented in Basque, Spanish and European companies.

We also work with industrial clients using a co-creation process: from conceiving the business strategies and digital transformation to creating prototypes and use cases, scaling and implementing solutions and offering cybersecurity training for industrial operators.


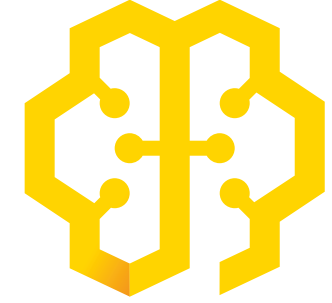

We accommodate top level industrial companies and organizations related to the industrial innovation ecosystem such as technology centers and universities. A collaboration center integrated with the Basque Science and Technology Network and the Accenture Global Innovation Centers Network.



An innovative space

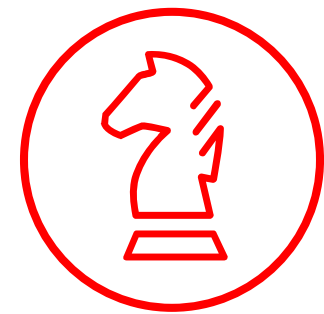


ZAMUDIO TECHNOLOGY PARK (Bilbao)

FLOOR 0	Floor -1	Floor -2
		
Showroom An immersive industrial experience	Innovation LAB Industrial products and ideas	Digital factory and cybersecurity We make it come true

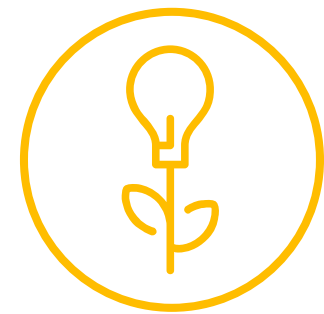
+ 2.000 m² of facilities

Integrated to our Innovation Architecture



ACCENTURE RESEARCH

Uncovers industry trends and shapes data-driven insights



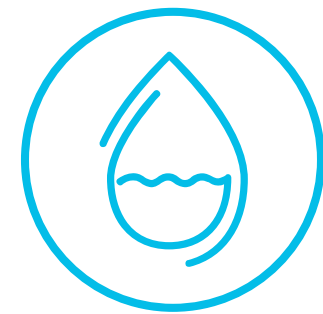
ACCENTURE VENTURES

Partners with and invests in growth-stage companies using and open innovation approach



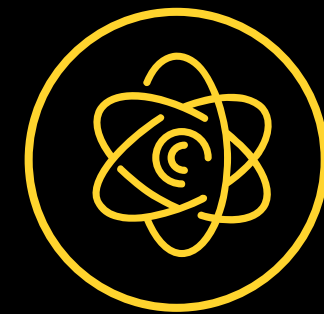
ACCENTURE LABS

Redefine what is possible through applied R&D



ACCENTURE STUDIOS

Build innovative solutions with speed and agility



ACCENTURE INNOVATION CENTERS

Demonstrate and re-use innovation use cases and assets



ACCENTURE DELIVERY CENTERS

Scale innovations across the business through our unparalleled global network of delivery centers

Accenture's Innovation Architecture helps our clients develop and deliver disruptive innovations, and scale them faster. We help companies imagine the future and bring it to life.

The pace of technological change is accelerating and impacting organizations as never before.

In our changing digital environment, companies need to continuously reinvent themselves for long-term success.

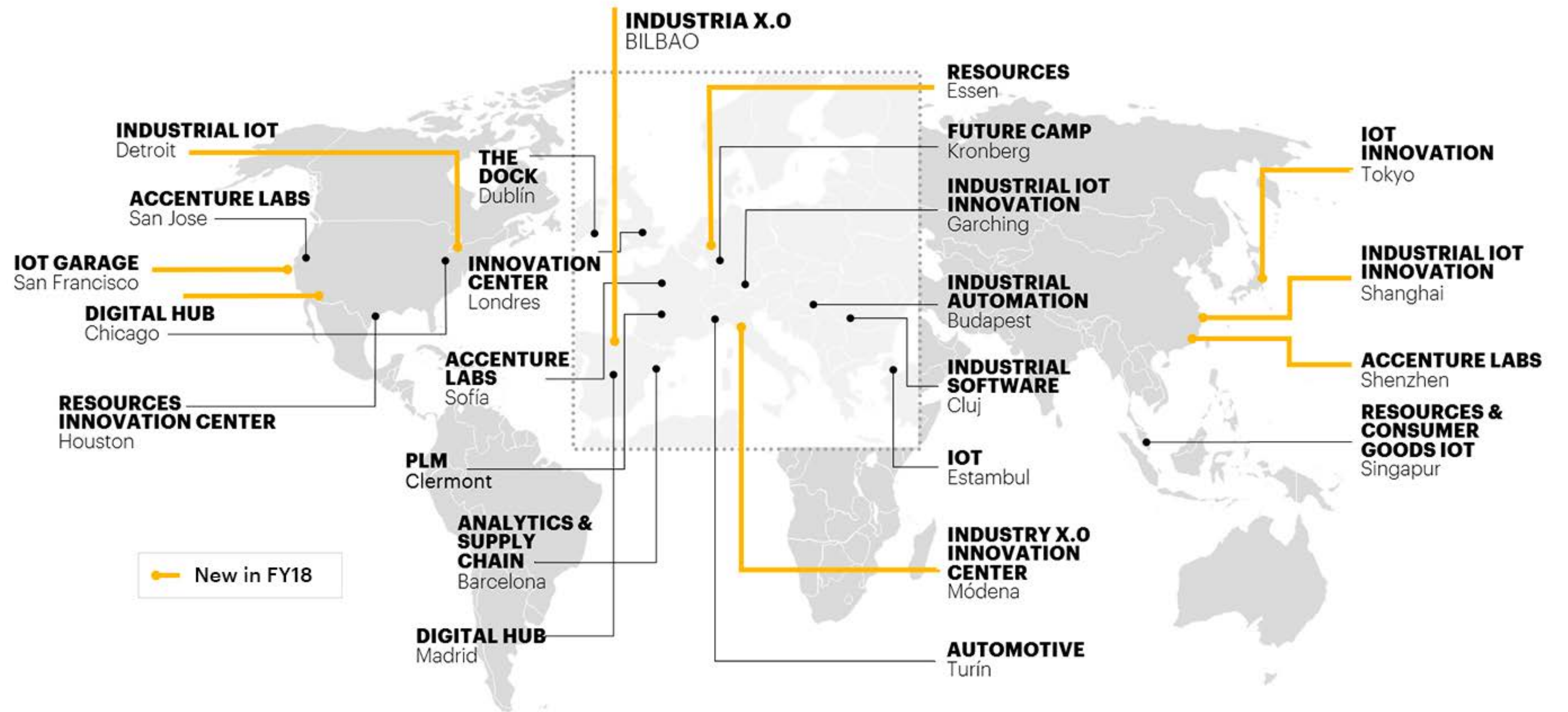
That's why we constantly seek to anticipate the future via an innovative approach to help clients to imagine and invent their own.

www.accenture.com/innovation-architecture

An international center of reference



A collaboration center integrated with the Global Innovation Centers of Accenture.



An unrivalled ecosystem

Cybersecurity Partners



Technology Partners



Universities and other bodies



Start-ups



Multiple possible technologies

Combine and conquer

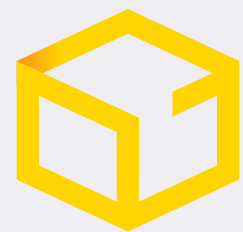
We help our clients to make a thorough selection of the technologies to be combined to conquer the new industrial revolution. These are just some of those you will find at our center.



ARTIFICIAL INTELLIGENCE



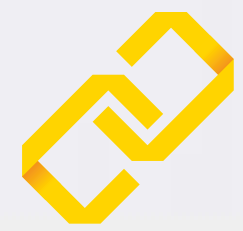
MOBILE COMPUTING



AUGMENTED AND VIRTUAL REALITY



CYBERSECURITY



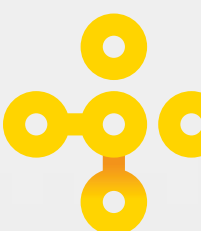
BLOCKCHAIN



IMMERSIVE EXPERIENCES



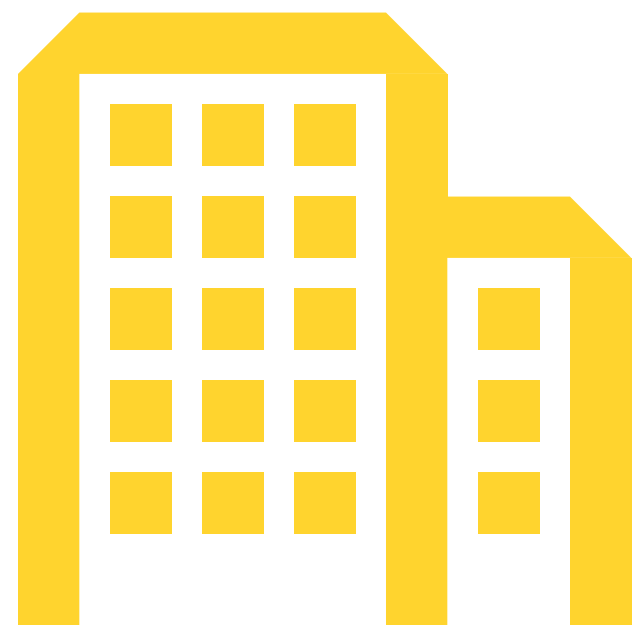
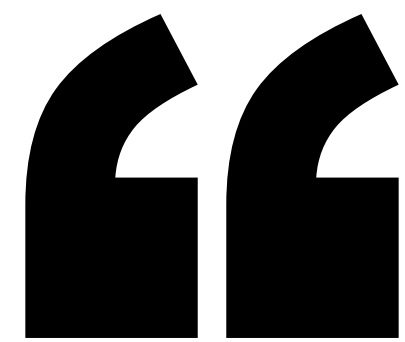
BIG DATA AND ANALYTICS



INTERNET OF THINGS

We drive real, successful transformation of industrial organizations

What is Industry X?



It is the digital reinvention of industry. Companies must transform their business core, their workers' experience and create new business models.

Because * :

Companies that combine new technologies can **increase their market capitalization** by over 6,000 million dollars.

Via systems, processes, sensorization and new intelligence, **new levels of efficiency** can be achieved in innovation and development, engineering, production, manufacturing and business support.

New technologies are expected to create **new jobs** while companies reinvent themselves.



*Results of the Accenture study "Combine and conquer" which surveyed 50 directors of 18 Spanish industrial companies.

Our capabilities to accelerate industrial transformation

INDUSTRIAL INTELLIGENCE

We anticipate and optimize results using analytic information to predict behavior across the entire supply chain.

FLEXIBLE OPERATIONS

We improve industrial costs from start to finish: from development to client service, leveraging digital technologies to gain in flexibility and speed.

CONNECTED INDUSTRIAL WORKER

Via wearable technologies such as sensors and mobiles, monitoring of assets and analytics, we help to increase the productivity of qualified employees.

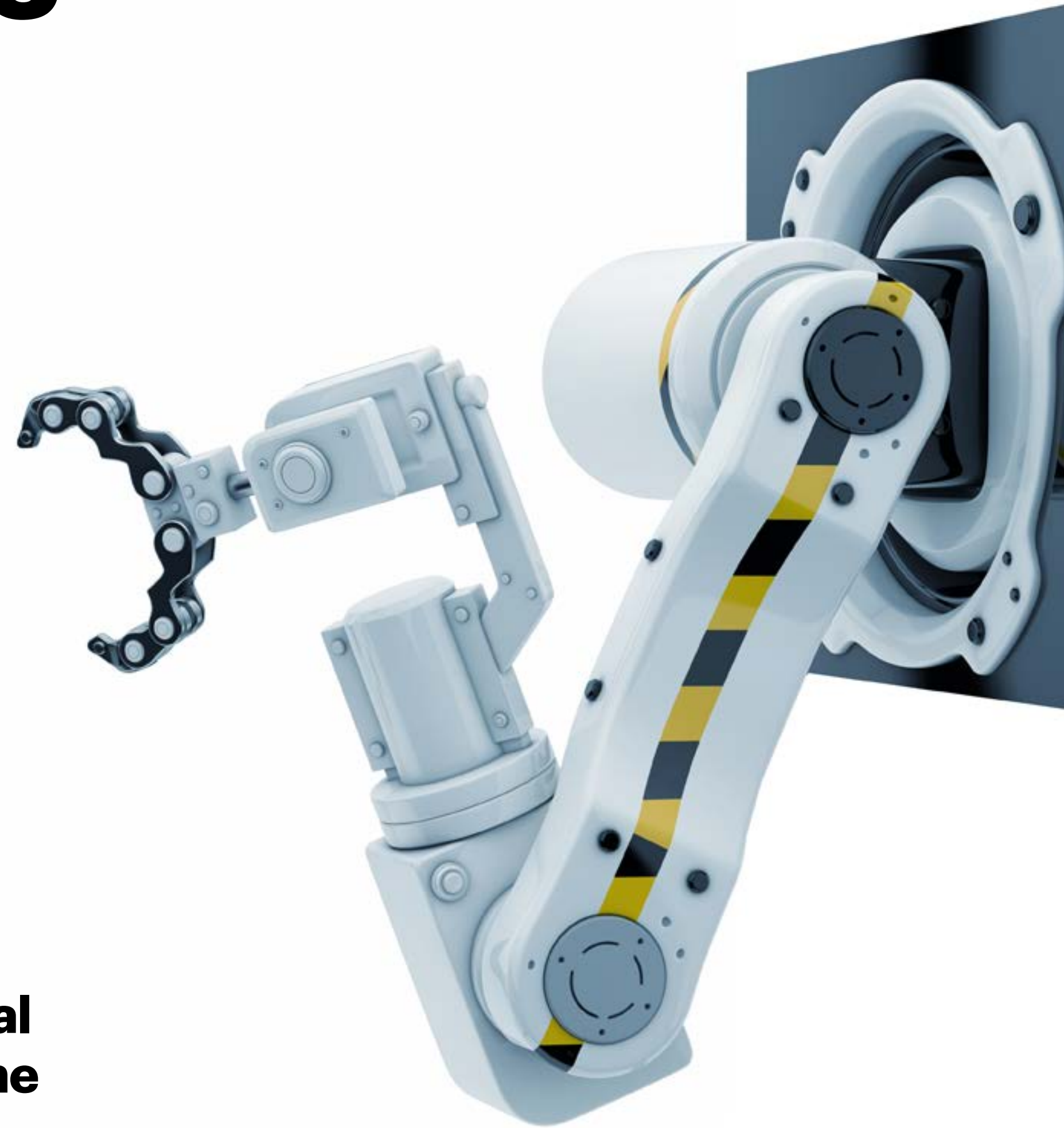
SERVITIZATION

We help to create new business models, via the servitization of products, increased use of assets or monetizing of data.

INDUSTRIAL SECURITY

We analyze the convergence and security of IOT. We conduct vulnerability, economic impact and supplier analysis.

The Industry X Center, Intelligent and Cybersecure Industry is differential in the industrial ecosystem thanks to the combination of five capabilities.



We focus on Industrial Security



Our mission is to help the secure transformation of industry.

At the Industry X CENTER we work to:

Develop and co-develop
new technologies with the collaboration of start-ups, technology centers and players in the field of R&D

Technically analyze
new technologies

Develop
R&D programs

Generate talent
via the ICS Security Academy

ICS Security Academy

We have real infrastructures and an academy to generate talent in the field of cybersecurity

Roles-based training

Learning platform

Real customizable 3D environment



Come and visit our center

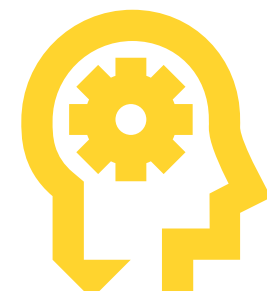
**WHAT DO
WE OFFER?**

Start your journey to transformation here



Discover our specialized knowledge

The Industry X Center is an innovative and intelligent space where you can find the leading technologies, highly specialized talent and our deep industrial knowledge.



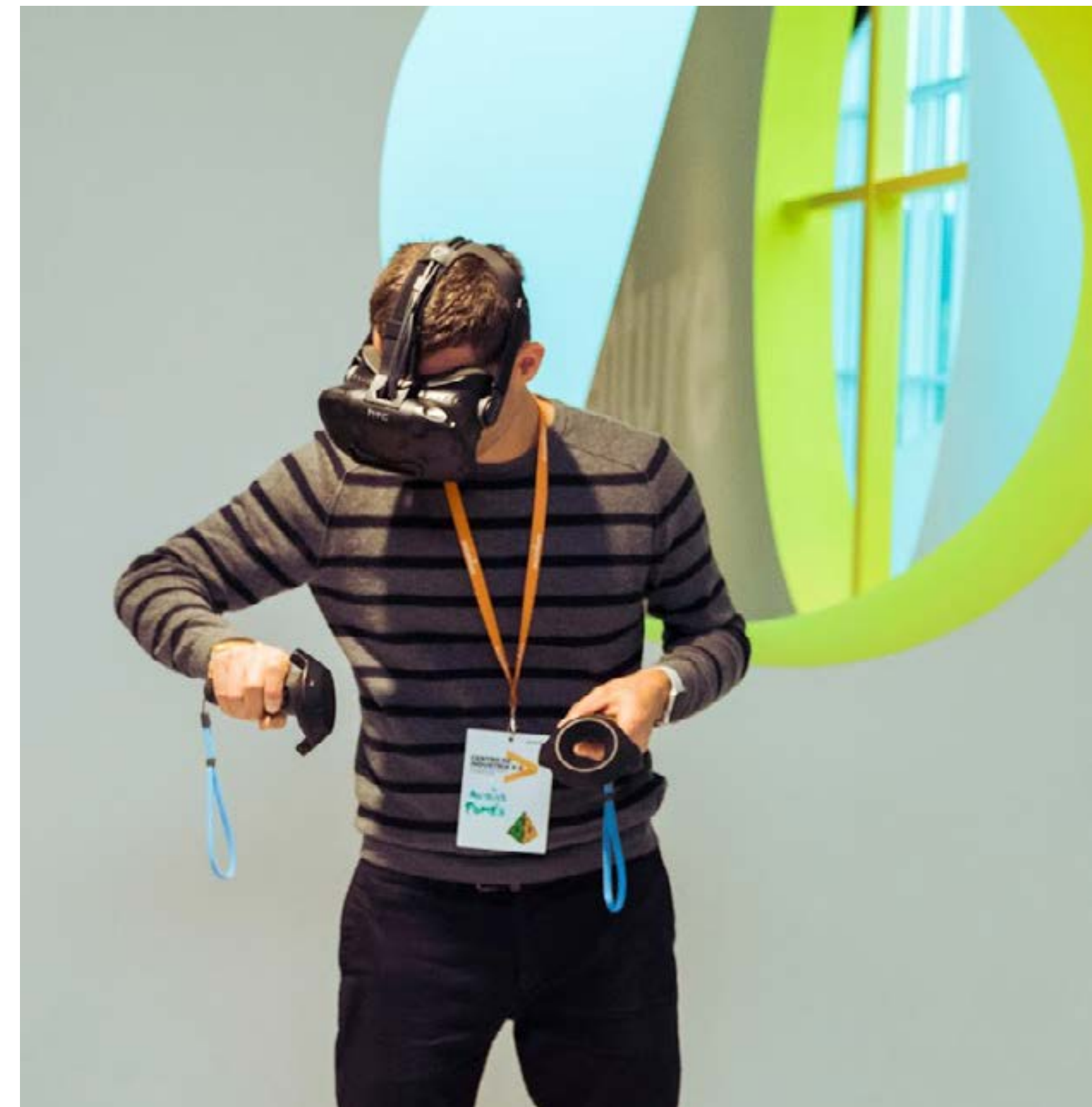
Live an immersive and customized experience

You can test the latest technologies in real corporate contexts and take part in different workshops and visits to help you innovate and conquer the market by realizing the digital transformation of your industrial processes in a cyber-resilient manner.



We join forces with the ecosystem

We are not alone in facing the challenge of accelerating the digital transformation of companies. We work shoulder to shoulder with universities, our partners and Public Administrations to drive industrial innovation.



From observer to key player

Be inspired Innovate

You'll be surprised by the latest market trends. Don't miss the changes in Industry X that other leading companies are already adopting and which you can apply to your organization.

Be inspired by specific examples of how to apply the changes offered by Industry X.

We'll tell you how to implement them in your industry.

Discover what a perfect Industry X plant is like from the inside. Become a worker of the future and interact with the technologies that can help you transform your business.

Discover the capabilities of an Industry X plant.

Interact with some of the technologies that can help your company reach new levels of efficiency.

Discover the latest in cybersecurity to protect your business.

Create

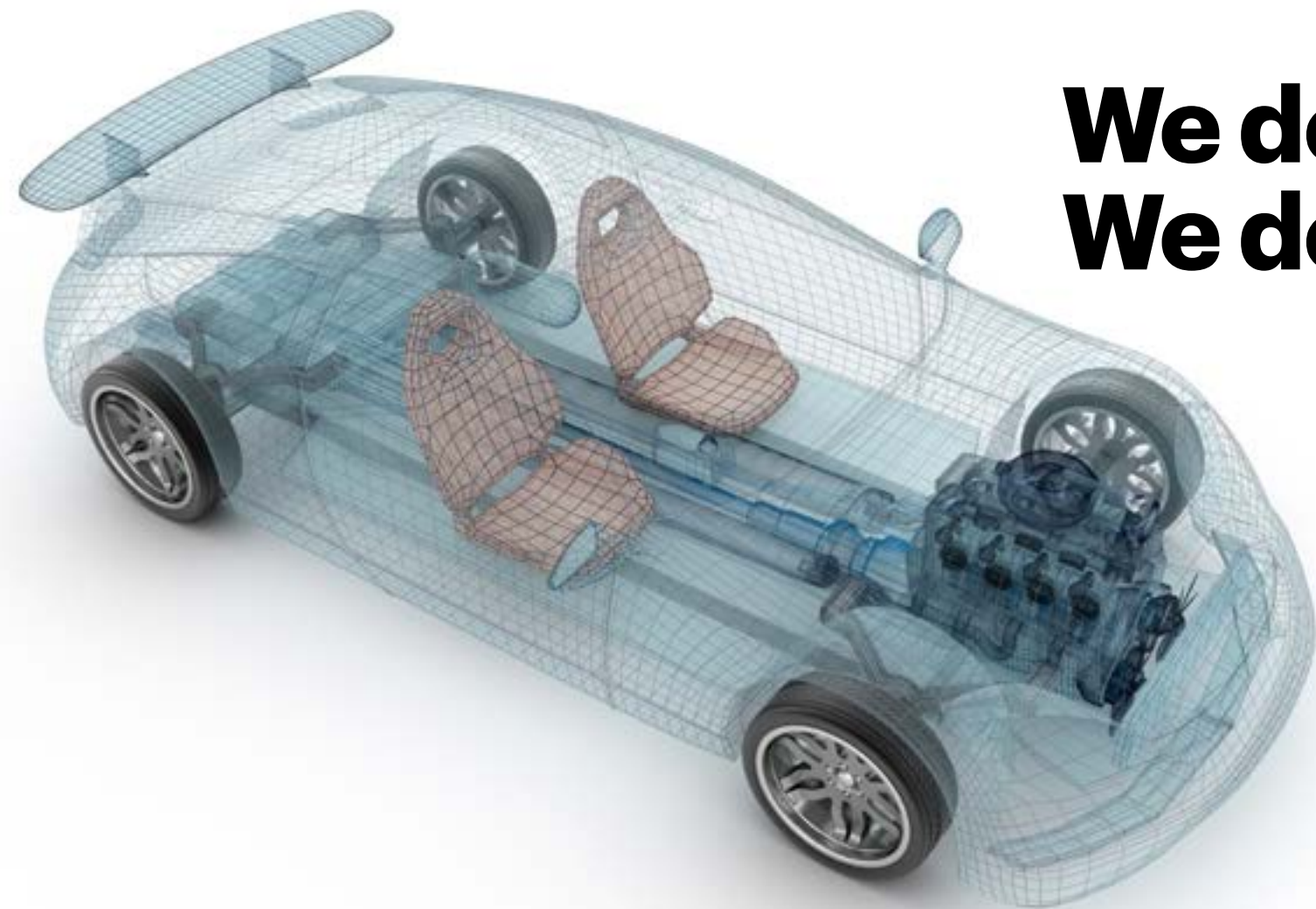
Explore new ideas and solutions for your company by applying the lessons learned. With our design thinking sessions, we co-create solutions to turn your business around.

Co-create with our Industry X experts in design- thinking sessions.

Anticipate the opportunities this new age holds.



Discover our practical cases



**We don't explain.
We demonstrate**

Discover an immersive experience in which you will see how we are applying the latest technologies to face the challenges in industry. Solutions you can apply to your organization now.

Based on the knowledge that Accenture has of the different industrial sectors, we have identified the trends that will characterize their development and evolution over the coming years. The use cases implemented by our clients and which are displayed at the Center were developed based on these trends.

Industrial Intelligence

Supply chain management using blockchain
Monitoring in store
IoT Platform
Control tower
Intelligent industrial cabin
Water Analytics supply chain tower - SAP Leonardo
Intelligent Climate - SAP Leonardo
Automated visual inspection
Production quality
OptiBat

Renewable energies

O&M Platform Wind farm
O&M Platform Wind Advanced Analytics
PPA Supply-Demand Matching Solution
Live TTF solar EnSight & wind EnSight simulation
Drone inspection of wind turbines
E2E High Solar Scale
On-field services for renewables

Speedy operations

BIM Digital Twin
Print evaluation in 3D XG Private LTE Network
Track & Trace
Network connection at IX.O center
Digital tour around an industrial factory
Industrial Robots
PLCs
Agile Manufacturing

Servitization

Client success stories

T Connected Industrial worker

Connected worker: Operations, health & safety
Wired
Assembly instructions remote assistance
XRS Immersive training Ergonomic evaluation Stress monitoring
Intelligent watch Exoskeleton
Security with video analytics

Ciberseguridad

Industrial Cybersabotage simulation
Protection against cybersabotage
Network simulation
Cyber-Coaching

Meet our experts



Javier Rodríguez

Accenture Industry X
Managing Director

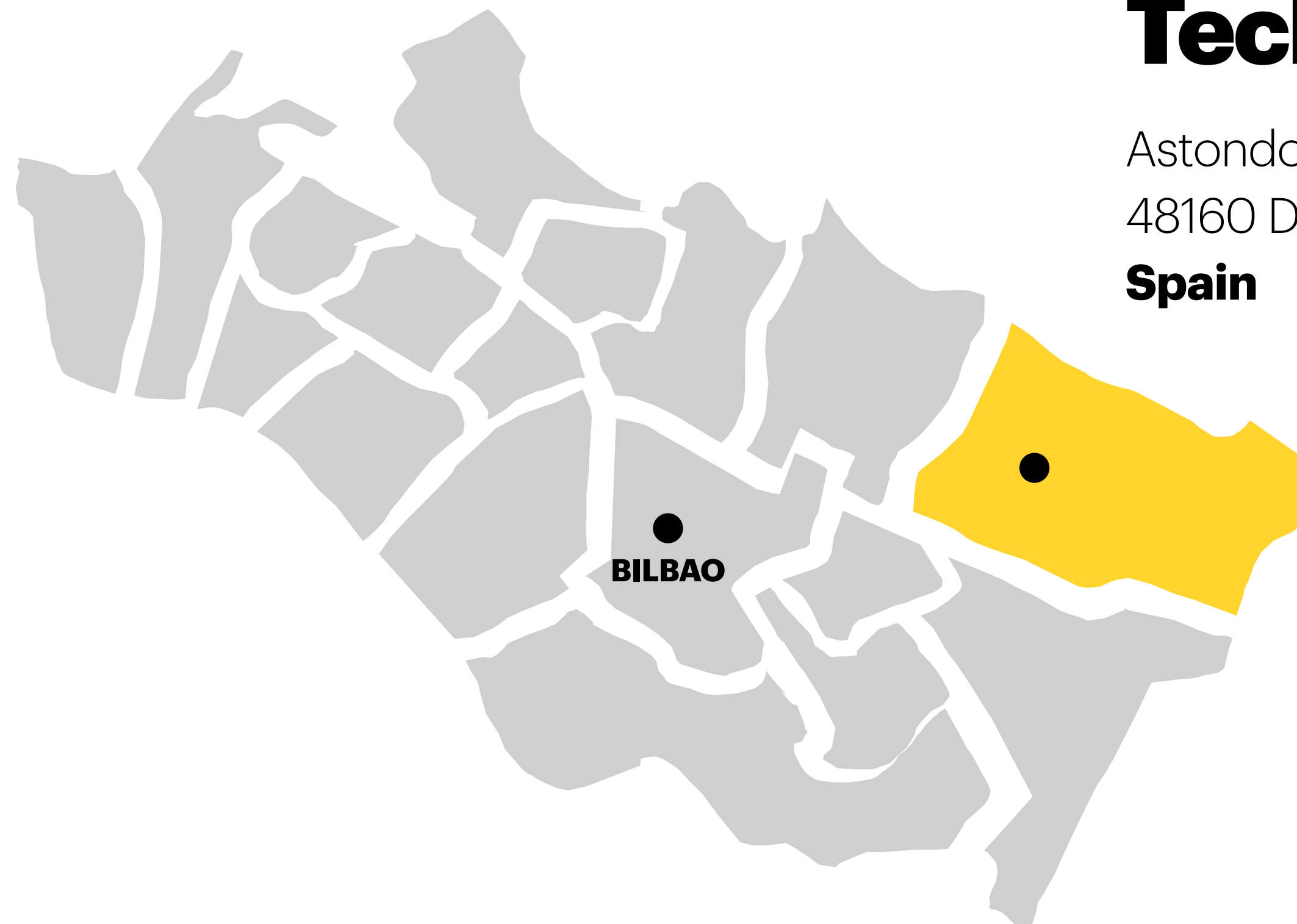


Xabier Mitxelena

Accenture Security
Managing Director

Contact

us



Zamudio Technology Park

Astondo Bidea, Building 602
48160 Derio, Vizcaya
Spain



Contact
us to arrange a visit

ABOUT Industry X

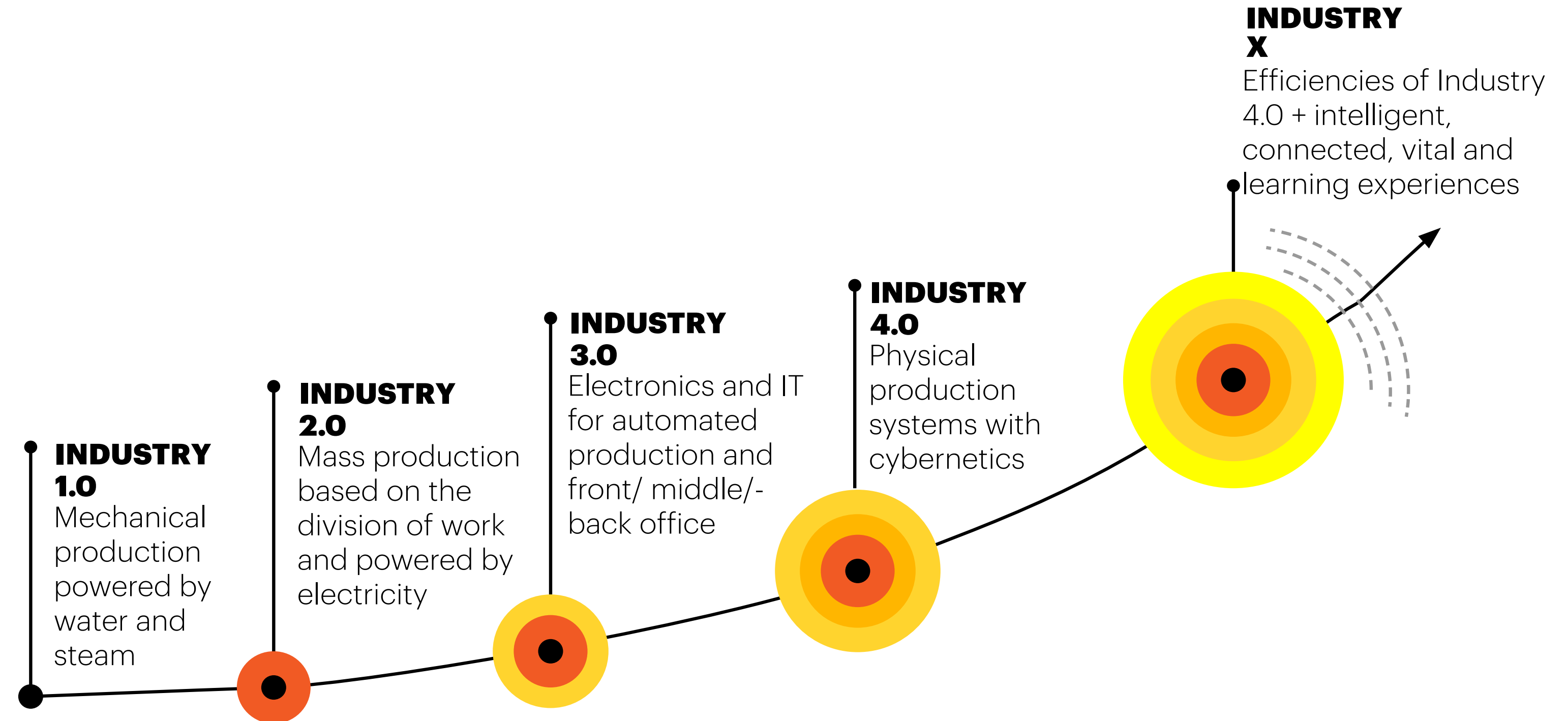


The right combination to transform industry



There is no doubt that digital technologies help companies achieve astounding results.

At Accenture we believe that in Spain there is unexploited potential to develop the right combination of technologies and business models to transform industry in a cybersecure manner, seeking to maintain and develop the positioning and competitiveness of Spanish industry in the global economy.



6 needs for Spanish industry

1

Core transformation

Digitalize the engineering and production functions to increase efficiency

2

Innovation in new business models

Generating value for clients by combining digital technologies

3

Focus on experiences and results

Creating digital points of contact across the product lifecycle

4

Building the workforce

Attracting, training and retaining talent with digital skills

5

Re-architecting the new ecosystem

Feeding a robust ecosystem to drive innovation

6

Intelligent balance management

Creating digital points of contact across the product lifecycle



Why does industry have to be cybersecurity?



Industrial companies need to take measures to mitigate the risk of cyberattacks that jeopardize their processes.

That's why cybersecurity must be in place across every phase of the digital transformation project.

At Accenture, we cover the entire value chain, from design to implementation and monitoring.

Some of the services we offer are:

Design of cybersecurity master plans

Establishing an industrial cybersecurity framework

Application of technical measures, network segmentation, end-point protection and white lists

24x7 **monitoring** via the SOC

What is a perfect Industry X plant like?

Autonomous

It connects equipment, workers and assets to make the factory more accessible with monitoring of collaborative processes and remote assistance

Totally flexible

It can simulate “what if” scenarios across the entire processes, from design to the supply chain.

Intelligent and cybersecurity

It has intelligent assets with Artificial Intelligence capabilities to protect against any attack.

Monetizing data

Data is king. But it is not only a question of extracting it, but maximizing it via advanced analytics.

Efficient

It is capable of empowering workers who will make decisions based on the data shown by their gadgets to anticipate events.

Sustainable and circular

It uses digital technologies in its operations. It prioritizes the use of renewable resources and tends towards the circular economy.



About Accenture

Accenture is a global professional services company with leading capabilities in digital, cloud and security. Combining unmatched experience and specialized skills across more than 40 industries, we offer Strategy and Consulting, Interactive, Technology and Operations services—all powered by the world's largest network of Advanced Technology and Intelligent Operations centers. Our 506,000 people deliver on the promise of technology and human ingenuity every day, serving clients in more than 120 countries. We embrace the power of change to create value and shared success for our clients, people, shareholders, partners and communities. Visit us at www.accenture.com.

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