

Creating the connected enterprise of the future

# Industrie 4.0 The Atos Way

Trusted partner for your Digital Journey

**Atos**

# It's all about data

The 21<sup>st</sup> century will be the century of data – the new resource to boost the economy, as finance was in the previous century. Gathering and using data will transform our lives while at home, traveling, shopping or even receiving healthcare.

It will help us to control our energy spending, allow industry to use equipment more efficiently and provide greater flexibility in manufacturing.

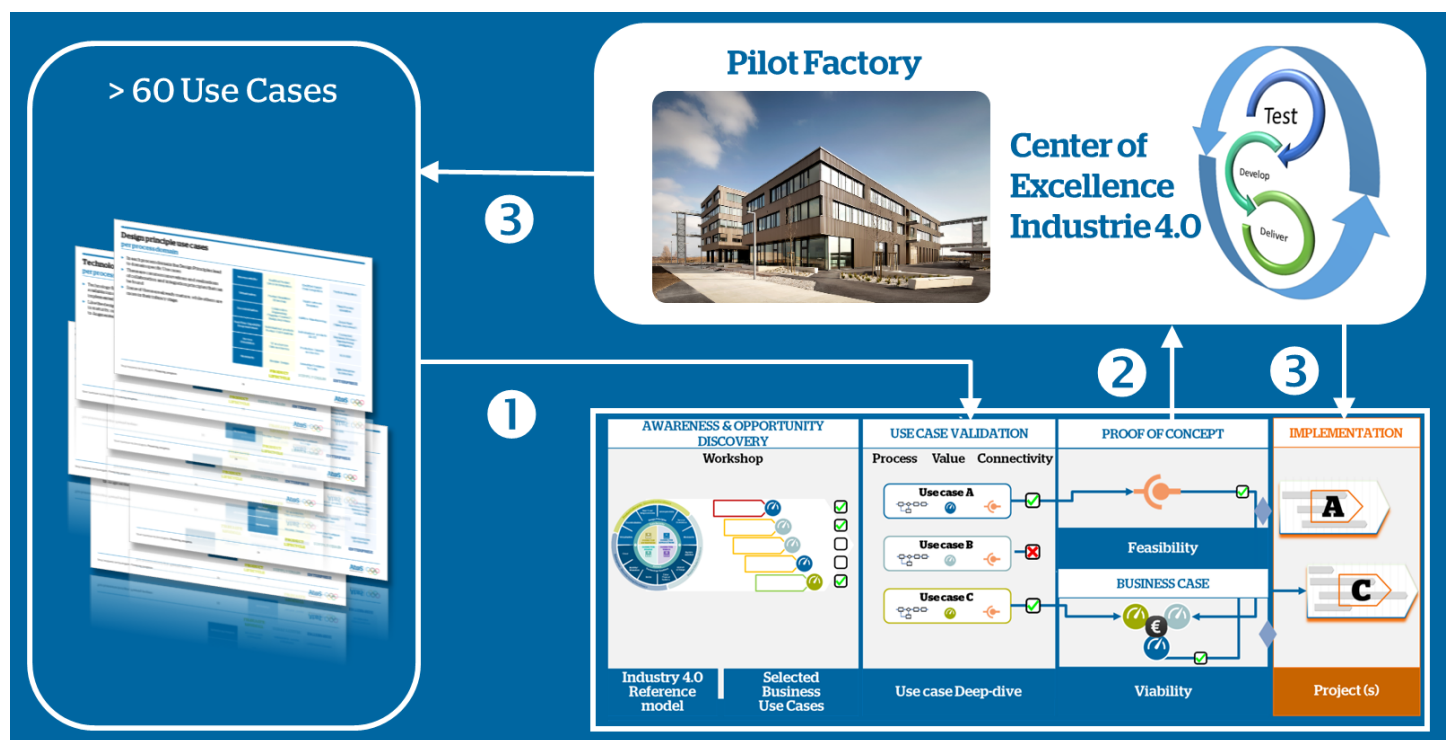
## Industrie 4.0 – A Game Changer

More and more systems are being connected:

- ▶ The core of digital Industrie 4.0 is composed of highly intelligent connected systems (e.g. cyber physical systems).
- ▶ Connected intelligent products are communicating with users.
- ▶ In machine-to-machine communication additional data are collected.
- ▶ Data from shop floor machinery and field equipment are also processed.
- ▶ The digital journey leads to disruptive trends and technologies through the interaction of machines, components, products, people and processes.
- ▶ Manufacturing on premise and isolated production cycles are interrupted significantly.
- ▶ New business models and new as-a-service-models will be evaluated.
- ▶ Through automated processes and as-a-service-models costs can be significantly reduced.



## Industrie 4.0 – The Atos Way



The Atos Industrie 4.0 approach aims to discover the value of Industrie 4.0 for our customers and build first proof of concepts which can easily be rolled out on a broader scope. The core element of this approach is a consulting methodology which consists of best practices, like more than 60 defined use cases and existing projects.



## Atos Industrie 4.0 Use Case Catalogue



> 60 Use Cases



A selection of our Industrie 4.0 Use Cases

This consulting approach is leveraged by two initiatives which are both situated at the Lake City which is a complete newly built smart city area at Vienna, Austria:

- ▶ **The Pilot Factory** - Austria's first Industrie 4.0 Pilot Factory can be visited to show real use cases at a real smart production where real products are being produced. That means you get the possibility to see and "feel" various use cases from the Atos Industrie 4.0 Use Case Catalogue in a real-life environment. This includes mobile, location based and flexible solutions, augmented reality, additive manufacturing and more. Scanning the QR code below leads to a 360° view of the Pilot Factory's mechanical production area. There are also other areas like logistics, assembly or quality assurance in place.
- ▶ **The Atos Center of Excellence Industrie 4.0** is the place where we can work together with our customers to rapidly create first proof of concepts and where we, for example, are also developing the Atos apps for Siemens Mindsphere. In the near future, we will also have a series of Industrie 4.0 related seminars at this site dealing with different topics like security or big data analytics.



## What's in it for you if you visit the Pilot Factory?

The usual Industrie 4.0 events raise more questions than they give answers - our goal is to present real use cases in a real production environment and find out together how we can jumpstart your way to Industrie 4.0 using our experience and methodology. We have developed strong relationships with research facilities like the University of Technology Vienna or the Technikum Vienna. Besides having our own Atos experts in place this provides us with the possibility to also include experts from these research facilities which are renowned specialists in their research fields like production technologies, robotics, AGVs, automation, etc. into your visit. Such a visit will help you to focus your view on Industrie 4.0 and enable you to follow our main recommendation:

**"Be quick, don't wait for rules and standards but start and realize projects, cooperate, learn while doing and adapt later if necessary."**

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# About Atos

Atos SE (Societas Europaea) is a leader in digital services with pro forma annual revenue of circa €12 billion and circa 100,000 employees in 72 countries. Serving a global client base, the Group provides Consulting & Systems Integration services, Managed Services & BPO, Cloud operations, Big Data & Cyber-security solutions, as well as transactional services through Worldline, the European leader in the payments and transactional services industry. With its deep technology expertise and industry knowledge, the Group works with clients across different business sectors: Defense, Financial Services, Health, Manufacturing, Media, Utilities, Public sector, Retail, Telecommunications, and Transportation.

Atos is focused on business technology that powers progress and helps organizations to create their firm of the future. The Group is the Worldwide Information Technology Partner for the Olympic & Paralympic Games and is listed on the Euronext Paris market. Atos operates under the brands Atos, Atos Consulting, Atos Worldgrid, Bull, Canopy, Unify and Worldline.

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