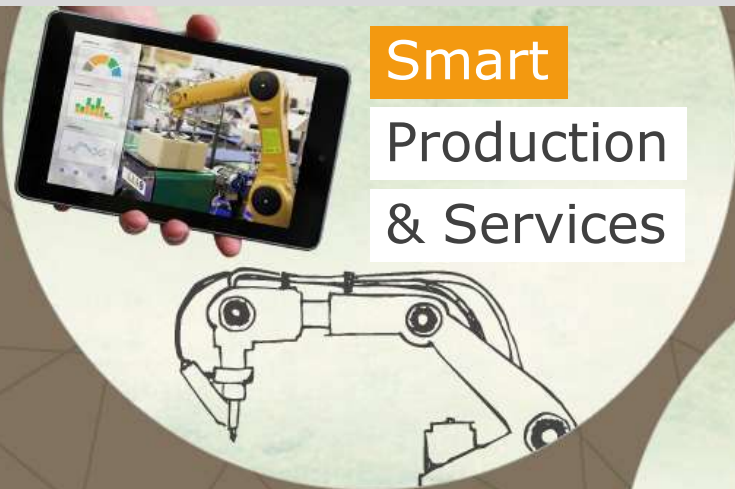


## Competence Centre for Digital Assistance Systems



**evolaris is a centre of excellence with more than 15 years of experience in the field of mobile technologies and services.**



Founded in 2000



Managing Director  
Dr. Christian Kittl



40 Employees (FTE)



Locations  
Hugo-Wolf-Gasse 8/8a, 8010 Graz  
Spittelberggasse 3 II/6, 1070 Wien



Owners  
45% AVL List GmbH  
45% Kapsch BusinessCom AG  
10% Dr. Christian Kittl



[www.evolaris.net](http://www.evolaris.net)

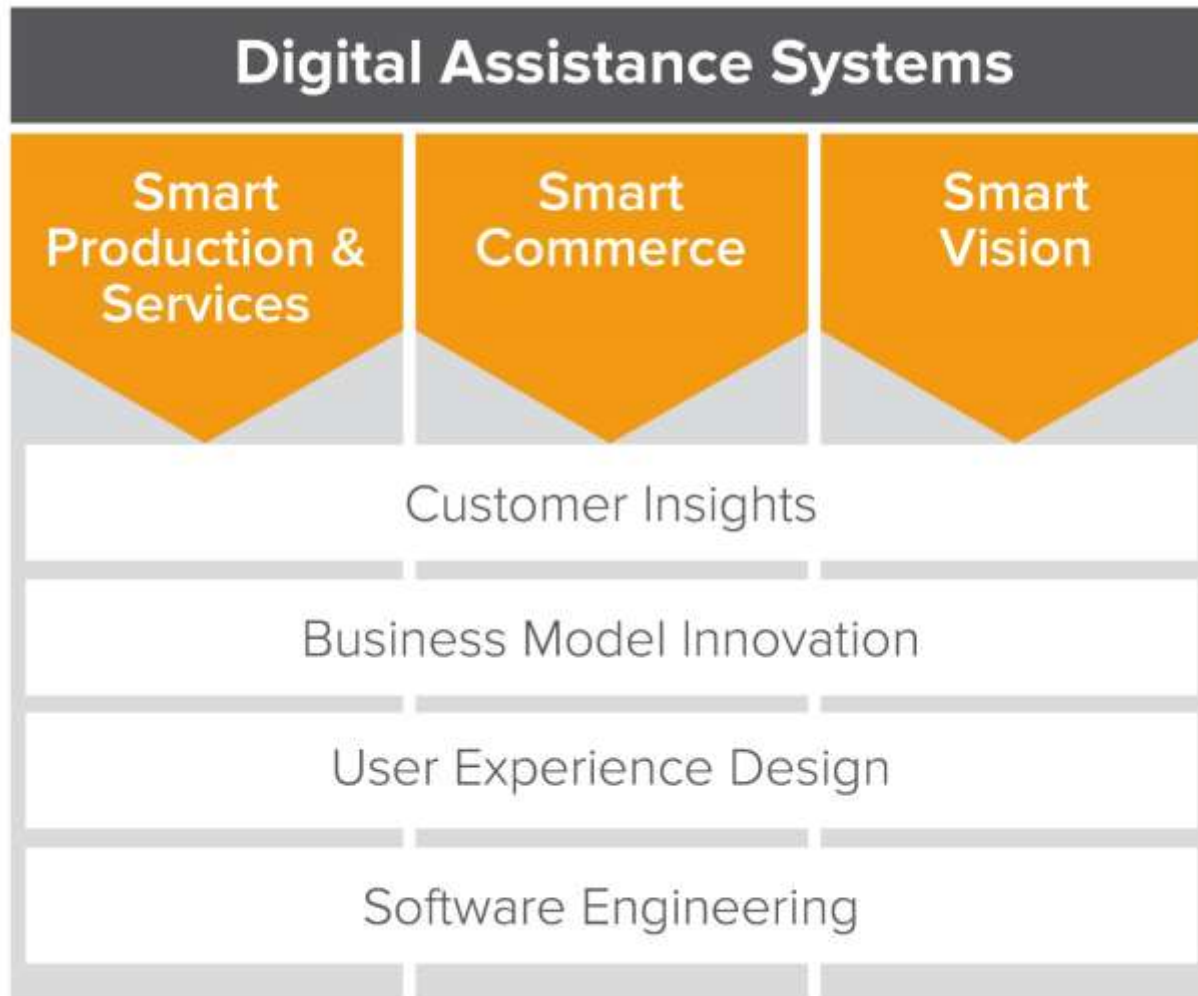
evolaris cooperates with many known national and international partners from industry and science.



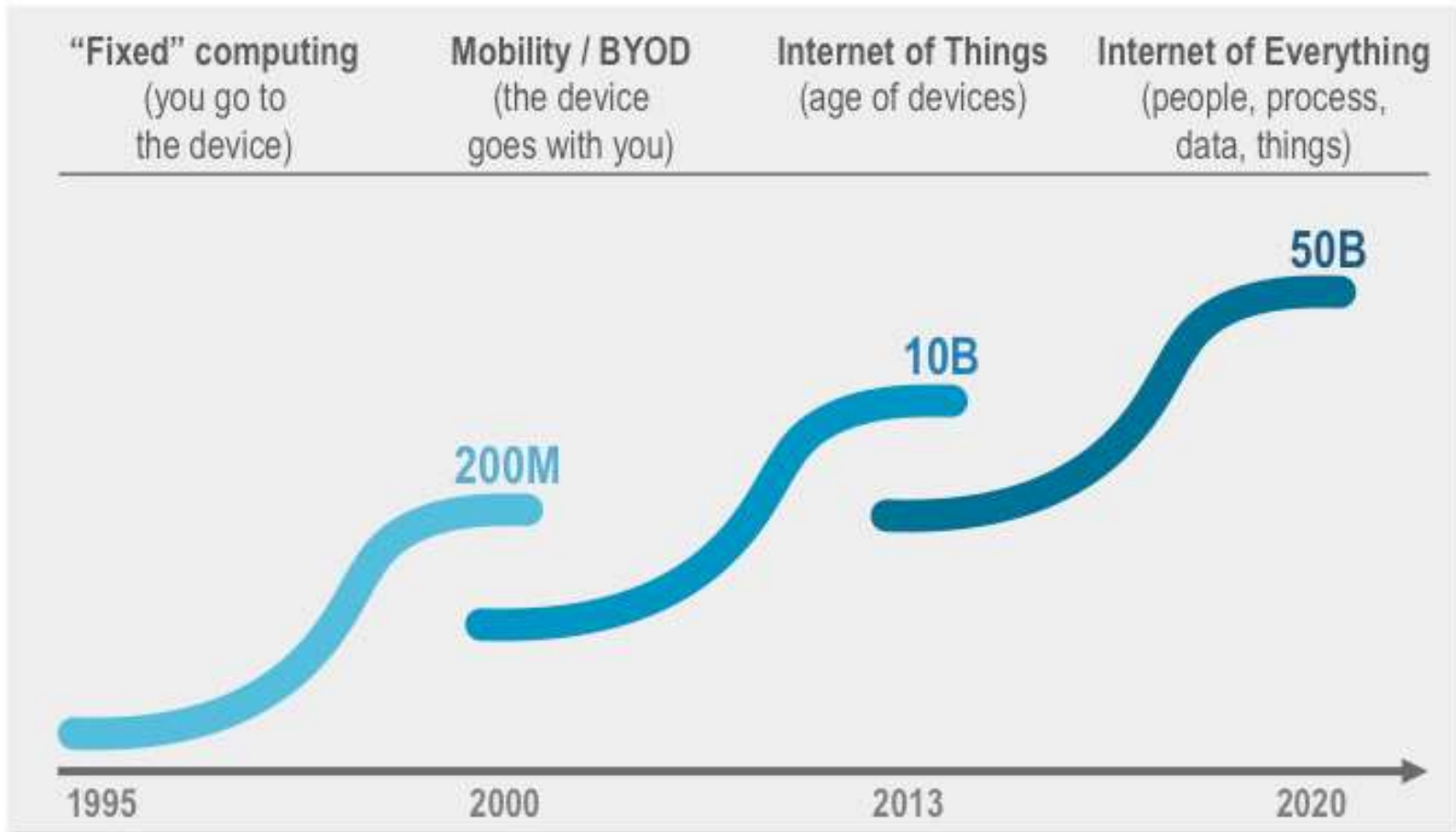
Business Partners

Science Partners

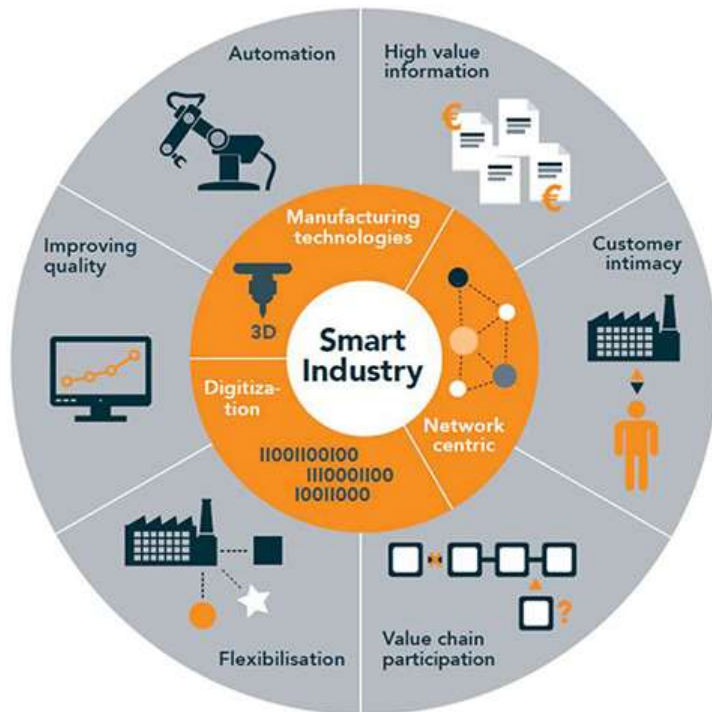

**evolaris combines applied research with profitable business applications.**



**From stationary Internet > via Mobile > to Connected Life/IoE**



## The key element of a Smart Factory is the increasing digital interconnection of various components.



- German industrial companies annually invest up to 40 billion € until the year 2020.
- In five years from now, more than 80% of companies will have digitalised their value chain.
- Significant efficiency gains up to 20% within the next five years, based on Industry 4.0.
- Digital products will generate up to 30 billion € additional revenues.
- Integrated analysis and utilization of data is the central ability of Industry 4.0.
- Transformation of enterprises; needs to be discussed on CEO level.



A man with short brown hair and a goatee, wearing a black polo shirt and white smart glasses, is focused on his work in a factory. He is surrounded by complex machinery, including a large robotic arm with a silver, perforated nozzle. The background shows industrial equipment and a bright, well-lit environment. The overall scene conveys a sense of advanced manufacturing and technology.

Smart

Production & Services

**The project ASSIST 4.0 focuses on the development of context-based assistance systems for an intelligent production at the interfaces between humans, machines and data.**



### Project description

- FFG Call Production of the Future (national, AT)
- Consortium
  - Knapp AG (consortium leader)
  - Infineon Technologies Austria AG
  - AVL List GmbH
  - evolaris next level GmbH
  - Research Studios Austria Forschungsgesellschaft mbH
  - Paris-Lodron-Universität Salzburg
  - XiTrust Secure Technologies GmbH
- Runtime: January 2014 until June 2016 (30 months)
- Project volume: 2,96 Mio
- Funding: 1,92 Mio



## Main functions of the ASSIST 4.0 Solution

Order Management

Display relevant user generated data or information from various data sources

Measurement values and dashboards based on the connected device

Document the work intuitively via photos, videos, speech and text

Spare part order management

Live-Video-Remote-Support





## Worker Centric Workplaces in Smart Factories

Acronym	<b>FACTS4WORKERS</b>
Start date	1.12.2014
Duration	48 months
Total estimated project costs	7,9 mio €
Requested Grant	6,3 mio €
Total person months	1081
H2020-FoF4	Developing smart factories that are attractive to workers

Within the F4W-project Evolaris is designing and developing intuitive user interfaces and outstanding user experiences for certain use cases.

<http://facts4workers.eu/>

## Consortium Partners

- 4 Large Industry Partners
- 2 SME's
- 5 non-profit Research Centers
- 4 Universities



## I40 related Funding- and Research Projects

- **COMET K1-Centre Pro<sup>2</sup>Future**
  - [https://www.ffg.at/sites/default/files/allgemeine\\_downloads/strukturprogramme/comet\\_k1\\_call4\\_factsheet\\_pro2future\\_en\\_final.pdf](https://www.ffg.at/sites/default/files/allgemeine_downloads/strukturprogramme/comet_k1_call4_factsheet_pro2future_en_final.pdf)
- **Workstep** Software-System for better planning processes on construction sites
- **Assist 4.0** <https://www.evolaris.net/en/project/assist-4-0/>
- **Arrowhead** <http://www.arrowhead.eu/>
- **MMassist** National I40 flagship project
- **Facts4Workers** <http://facts4workers.eu/>
- **I40-Transform** Business Model Study for Federal Austrian Ministry
- **Pilotfabrik Aspern** Pilot and demonstration fab
  
- **Knowledge & Technology Transfer Projects**
- **3D-Central** <http://www.interreg-central.eu/Content.Node/3DCentral.html>
- **Smart Production** <http://www.smart-production.eu.com/de/>
- **Care4Tech**
- **Passport2Export**

EVOLARIS is developing **Cognitive Digital Assistance Systems**. Beside **tailor made software solutions** we offer two **standard solutions for the industrial and manufacturing context** to support worker in their daily business with relevant information in the best possible way.

## EVOASSIST

**mobile knowledge management for smart glasses, smart phones und tablets**

- Technical experts keep record of their work while actually doing it by taking photos or videos on smartphones, smart glasses or tablets
- Very intuitively to understand and visual work instructions are made straightaway on the tablet out of this image based contents
- Regulated by the context as user, order, task, machine, etc. relevant content gets provided and shown automatically on mobile devices
- **Resulting in efficient knowledge management on the shop-floor or workplace**

## EVOCALL

**the video assistance via smart glasses, smartphones or mobile devices**

- Experts can guide and support their less experienced colleagues via live video assistance
- Real time assistance is possible from and on any mobile device now matter when and where
- The entire support session can be recorded and used for training sessions and videos
- **Resulting in increased after sales efficiency, faster trouble shooting and higher machine availability**





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