GAIA-X ROADSHOW LJUBLJANA, 7. SEPTEMBER 2023

SHORT BIO

Francesco Bonfiglio is the CEO of the Gaia-X Association. He is responsible for the overall strategy and execution of the program. With more than 30 years' experience in the business of consulting and information technology, he brings his knowledge of the cloud and digital market needs, and his vision on how Gaia-X should revolutionise it. Independent Advisor since 2020, he has worked as an executive in many multinational contexts.

Co-founder and Board Member of FOOLFARM (first Italian AI centric Startup Studio), Formerly Chief Executive Officer for ENGINEERING D.HUB (Hybrid Cloud and Digital Transformation company), Vice President for Technology Services at AVANADE and Managing Director within ACCENTURE Group, Chief Technology Officer for HEWLETT-PACKARD EMEA, SW Factory Director at UNISYS, Technical Director, and Professional Services Director at RATIONAL SOFTWARE amongst his positions.

Francesco Bonfiglio will touch on the points like What Gaia-X is and how Gaia-X Framework and the Gaia-X Digital Clearing House operates, Gaia-X intension to boost data economy in EU and its openness to everybody and its strong base on the European principles of freedom, human centricity, and trust.

ABSTRACT

Gaia-X is a digital ecosystem regulated by its members. The initiative is working to create an environment in which data can be shared and stored under the control of data owners and users; and where rules are defined and respected, so that data and services can be made easily available, compiled, and exchanged. Gaia-X has the potential to create unprecedented opportunities for innovative, data-driven business models and new solutions that help European industries and companies of all sizes to scale up and compete globally. The result will be a strong foundation for modern, next-generation infrastructure that meets the needs of business, science, and society.

SHORT BIO

Gernot Baumgartner is Team Lead for Digital Manufacturing Software Engineeringing. He is a specialist for MES and cloud solutions and has been working on cloud architecture and data exchange for a long time. As part of the research project EuProGigant he supports building demonstrators using Gaia-X principles in showcases from SMEs.

ABSTRACT

EUProGigant is a research project carried out by an Austro-German project consortium which aims to build a multi-location, digitally connected manufacturing ecosystem. This ecosystem shows how value for customers and manufacturing firms can be created through the added value based on the practical implementation of smart and sovereign use of data. This empowers European industry and supports its contribution to the sustainable development of Europe.

At the Gaia-X Roadshow in Ljubljana, an overview over project goals and vision will be shared with participants. As a lighthouse project of Gaia-X, the technological and economic benefits of the open, European multi-cloud infrastructure Gaia-X will be illustrated. The presentation will be ended with a demonstration of the ideal component matching as a use case of Gaia-X in the manufacturing industries.
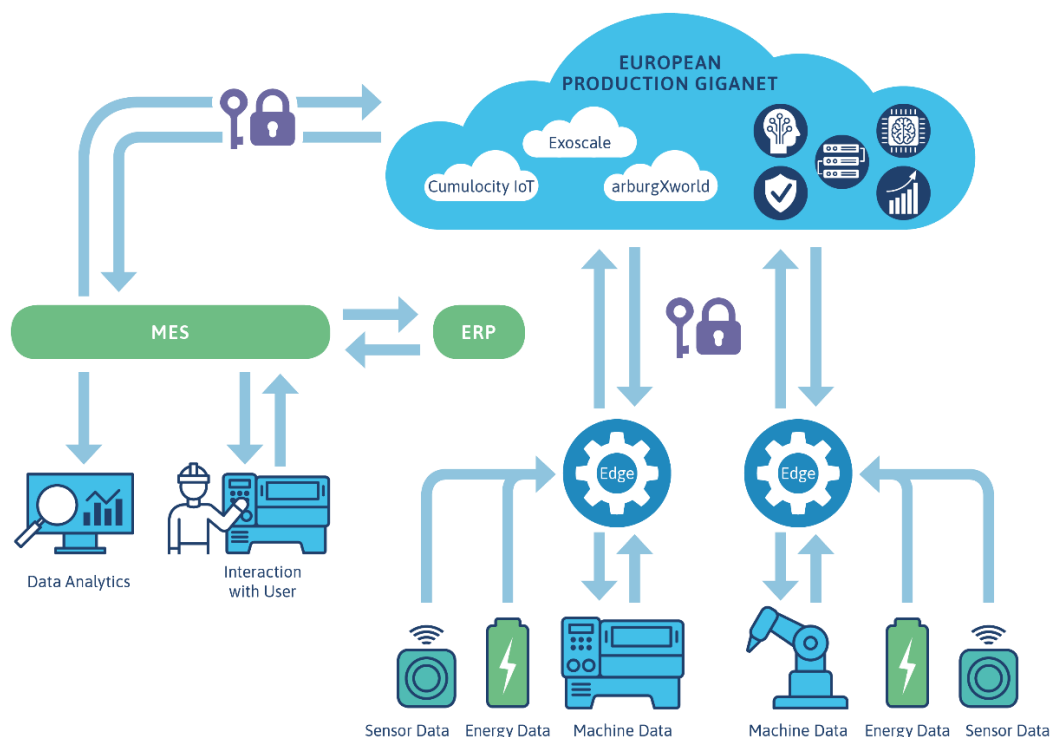

Image: vertical integration – cross-use case project structure as the universal backbone of the project. Companies find their place along this vertical integration chain.

Ideal component matching Use Case: When assembling assembly groups in mechanical engineering, the assembly components must be manually matched for accuracy of fit due to different manufacturing environments and methods. Manufacturers often compensate for the deviations in focus by using specially manufactured components with high dimensional accuracy. Here, the project team has developed an automated matching of the individual parts considering the tolerance deviations - the so-called component matching service. On the developed platform (based on the Gaia-X framework and a Web3 technology stack of delta DAO AG), information from different data sources is brought together, which enables an optimized assembly of the components. This creates added value, which is reflected in the reduction of the time required for manual assembly and in a reduction of waste parts.

ROUND TABLE PANELLISTS' SHORT BIOS

Pierre Gronlier, Gaia-X Chief Technology Officer (CTO)

Pierre is the CTO of Gaia-X. He has been working for the last 12 years in the IT industry with a particular interest on operationalising and scaling systems in the field of real-time communication and cloud services.

With an academic background in real-time embedded systems and applied mathematics in signal processing and machine learning, he started as a research engineer in video compression before joining Skype and Microsoft.

He then joined OVHcloud as a cloud solution architect, advising and helping key accounts with their IT resources architecture and consumption. He participated in the development of the first Gaia-X prototypes.

Roland Fadrany, Gaia-X Chief Operating Officer (COO)

Roland is the COO of Gaia-X from May 2022 onwards. He establishes effective policies, processes and organization that promote the Gaia-X vision and mission.

With over 20 years of international management and consulting experience in the IT industry, he brings strong leadership and digitalisation knowledge to the team. He has led a global service line, successfully delivered complex, critical programs and managed multinational development-, delivery- and partner organisations at companies like EDS, HP, A1 Telekom Austria, Microsoft and Detecon.

Roland oversaw comprehensive innovation and transformation initiatives in various industries in Europe and the USA. He holds a masters degree in "Engineering Management" from Southern Methodist University in Dallas, TX.

Boštjan Gomilšek, Director Enterprise Software Solutions, Result d.o.o.

Boštjan Gomilšek has over 25 years of work experience in the field of informatics. He started his career in the field of banking software development, later moved to the field of mobility, including sustainable mobility. He soon moved from the development to project management where he also managed projects for global multinationals. He currently works in the field of business development, where he is particularly focused on the field of healthcare and the circular economy and waste prevention.