

The Alliance

Open Industry 4.0

Implementation



Talkers talk, we implement

OPEN INDUSTRY 4.0

ALLIANCE & GOALS

At the Open Industry 4.0 Alliance, we create customer value together by implementing existing standards and developing interoperable Industry 4.0 solutions and services. To achieve this, we follow a common framework, co-developed and powered by a group of industry leaders, from the sensor to the cloud.



DELIVER CUSTOMER
VALUE TOGETHER



DEVELOP INTEROPERABLE
PRODUCTS AND SOLUTIONS



ENSURE OPERATORS,
OEMS & OI4 ECOSYSTEM
COLLABORATE



ESTABLISH A
COMMON FRAMEWORK
& SEMANTICS



CREATE A
VIAIBLE ECOSYSTEM

WIN-WIN

FOR EVERY STAKEHOLDER OF THE DIGITALIZATION ECOSYSTEM

- Faster scaling for OI4 members
- Easier scaling for operators & OEMs
- Utilization of existing standards provided by other associations

BUSINESS & TECHNICAL BENEFITS ADVANTAGES IN A NUTSHELL

The solutions that OI4 Alliance members jointly develop are easily deployed and integrated within the factories, plants and warehouses of customers (operators and OEMs).



SAFE INVESTMENT & QUICK PAYBACK

- Ready-to-use Reference architecture & guidelines
- Strong support of the expert community
- Quick learning



MODULAR TECHNICAL APPROACH

- Quick & easy integration
- Faster scaling
- Quick response to the high development speed due to flexibility
- Secure cloud architecture



INTEROPERABLE PRODUCTS & SOLUTIONS

- Reduction of complexity
- Sales increase
- Less vendor lock-in
- Easier scaling due to defined technologies & interfaces among industry-specific processes



TANGIBLE BUSINESS IMPACT FOR CUSTOMERS

- An improvement in availability, performance, output and quality
- No operational disruption
- Easy asset onboarding without affecting availability



STRONG COMMUNITY

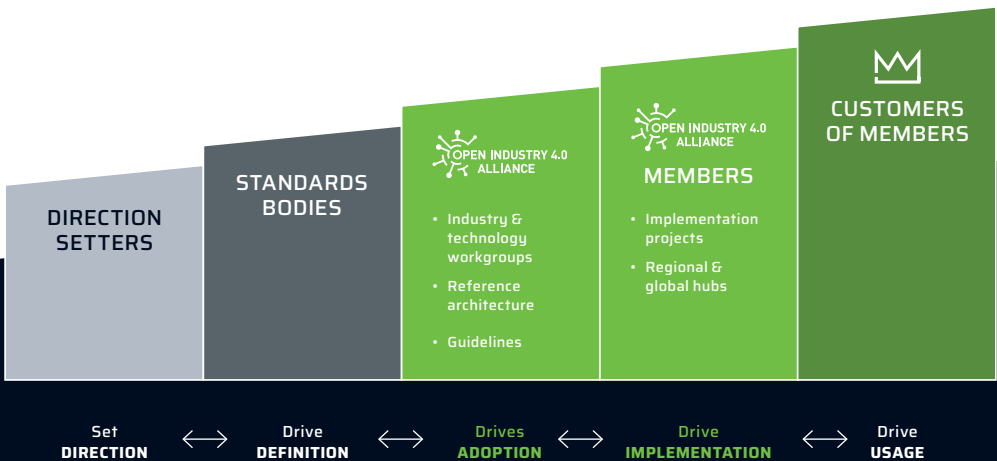
- E2E industry & technology expertise through leaders from sensor to the cloud
- Filling the knowledge & skills gap
- Faster time-to-market

OPEN INDUSTRY 4.0 ALLIANCE

IMPLEMENTATION ALLIANCE

The Open Industry 4.0 Alliance implements based on existing standards and prepares the implementation „How-To“ in the facilities of end customers.

As the direct link to the customers, OI4 translates requirements between all stakeholders in the digitalization ecosystem.

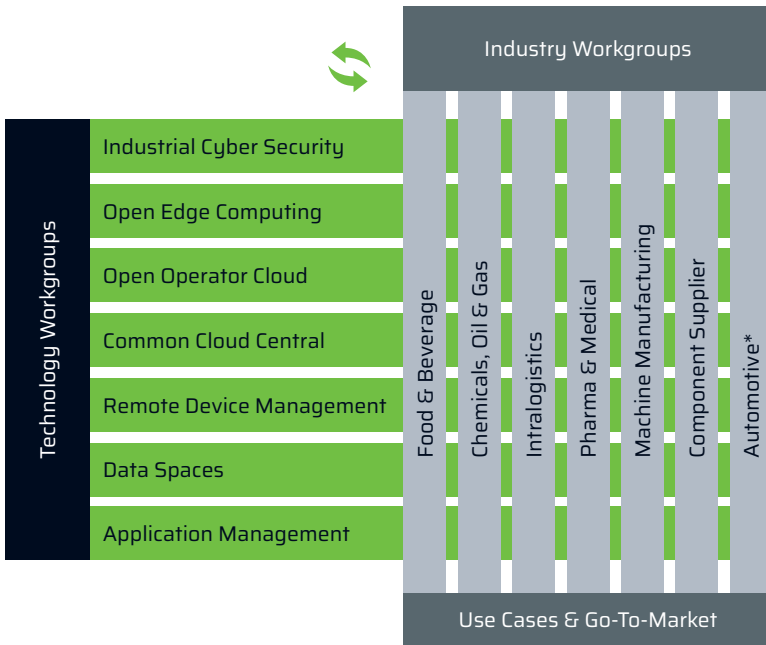


We are partnering with other associations that are setting the direction of the market, defining & owning standards, and testing them. With that, we jointly ensure the market readiness and secure the lifecycles of Industry 4.0 products & solutions which are applied regionally or globally. Our international footprint is growing via international project hubs and partnerships.

INDUSTRY & TECHNOLOGY WORKGROUPS

Members of the OI4 Alliance are working jointly in various workgroups. Industry Workgroups, being the direct link to the customers, translate market requirements while considering existing regulations into Industry 4.0 use cases.

Those use cases are implemented by the Technology Workgroups based on the OI4 Reference Architecture and guidelines to ensure consistent solutions for IT and OT.



*coming soon

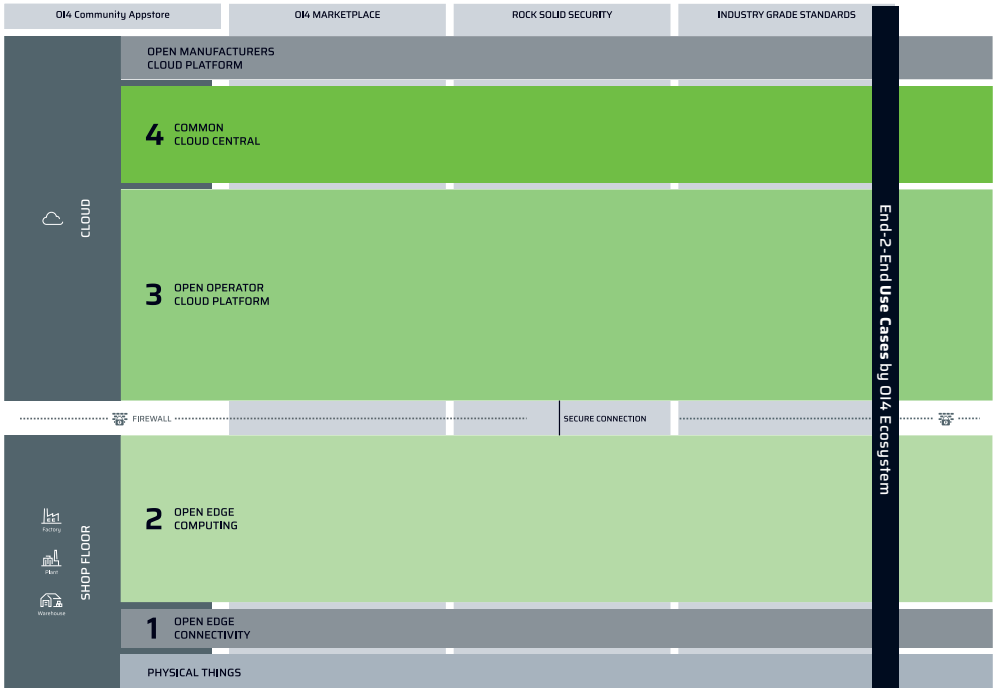
PROCESS HOUSE OPERATOR VIEW

OI4 stakeholders and operators should use the same language. OI4 Process House describes the use cases from business & technical perspectives, from the connectivity layer up to the cross-enterprise view.

- » Connectivity cases (levels 1-2) are industry-independent and mainly technology-driven.
- » Factory-, plant-, and warehouse-specific cases (levels 3-5) focus on industry processes.
- » The use cases at level 6 simplify the cross-enterprise data & information exchange to secure the process chain.

OI4 REFERENCE ARCHITECTURE

The technical basis of the Open Industry 4.0 Alliance is a flexible & modular approach to implementation.



MORE DETAILS

- Decoupled technology layers oriented on PI4.0 RAMI Model.
- OI4 Implementation Guidelines explain technology layers and aspects which are the basis for open & interoperable solutions.

BECOME A MEMBER

Whether you're planning to implement cloud infrastructure on shop-floors, want to learn about the latest technology for your connected industry challenges, or simply want to join the best ecosystem for open source implementation - we've got you covered. We are the Alliance.



ENVISION

First of all, we would like to welcome all new potential members. We will give the candidates insight. We will show them the core concepts of our vision. Choose a time and date – and we will have our first conversation.

EXPERIENCE

We want you to have direct access to our resources and experience our mindset first-hand. Get to know our community tools and have talks with members from your branch of business. Take a look into our process by joining a free demo-session for a member's first implementation project.

ELEVATE

At this point, you have all the background information you need. Whether you want to participate is up to you. All the knowledge you have gathered up to this point is freely available to you. And we have nothing against passing it on.

IMPACT

Fully entered, fully a member. Let's begin with your personal first implementation project. In a free demo we will give you all the things you need to start building your vision. Be it tech- or service-related. Our expert members will guide you through.

JOIN US

We've got you covered. Join us in our mission for seamless end-to-end integration and explore our benefits today – by scanning the code below.

→ **Scan me**
openindustry4.com/join-us/



OUR PARTNERS

Partnerships play a crucial role in the success of the Alliance. Check our partners on the way to Industry 4.0!

→ **Scan me**
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SUCCESSFUL PROJECTS

We don't talk for hours, we set things in motion now. Read all the news about cases, where we reached project goals fast and were cost efficient using our technological approach.

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MEET THE TEAM

We are always ready to support you in your mission and the success of your Industry 4.0 projects.

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GET INSPIRED BY THE POWER OF OUR MEMBERS

from machine builders to sensor providers



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**WE
GROW**



➔ **Overview of our members**
openindustry4.com/about-us