



5G-ACIA Membership

A Guide for Potential Members

5G Alliance for Connected Industries and Automation

About 5G-ACIA

Alliance for Connected Industries and Automation

To make 5G a success for industrial applications, 5G-ACIA brings together widely varying 5G stakeholders. They include organizations of the OT (operational technology) and ICT (information and communication technology) industries. OT companies include industrial automation enterprises, machine builders, and end users. ICT companies can be chip manufacturers, network infrastructure providers, or mobile network operators. The 5G-ACIA membership also includes academic institutions such as universities and research institutes, as well as other relevant entities such as government bodies and associations.

5G-ACIA's overall goal is to apply industrial 5G in the best possible way. Members jointly strive to make sure that the particular interests of the industrial domain are adequately considered in 5G standardization and regulation. Together, they discuss and evaluate technical, regulatory, and business aspects with respect to 5G for the industrial domain.

To make industrial 5G a success, it is crucial to transfer the ongoing 5G developments into the industrial domain. Therefore, 5G-ACIA elaborates integration concepts and migration paths, and evaluates the key technologies that emerge from the 5G standardization bodies. Furthermore, 5G-ACIA identifies spectrum needs for industrial 5G networks. Members jointly explore new operating models, for instance 5G campus networks within factories.

To make 5G a success for industrial applications, 5G-ACIA brings together very different 5G stakeholders. That is organizations from the OT (operational technology) and from the ICT (information and communication technology) industries. OT companies are, for instance, industrial automation enterprises, machine builders or end users. ICT companies can be chip manufacturers, network infrastructure providers or mobile network operators. In addition, 5G-ACIA members are academic institutions, such as universities or research institutes, and other relevant groups, such as authorities and associations.

Global Partners

5G-ACIA established close cooperations with the below external organizations with the motivation to extend the influence of 5G-ACIA to regions outside Europe through the channels of the cooperation partners. This global partner network consists of national and international 5G networks in the China, Germany, India, Korea, Japan, United Kingdom and United States of America essentially contributed to 5G-ACIA's strategic goal as a global alliance.

The Structure of 5G-ACIA

Board

The 5G-ACIA Board is composed of a certain number of high-level representatives from the member organizations. They discuss 5G-ACIA's work strategy, decide in case of disputes, and advise 5G-ACIA's organizational bodies. The Board meets on a regular basis.

Plenary Sessions

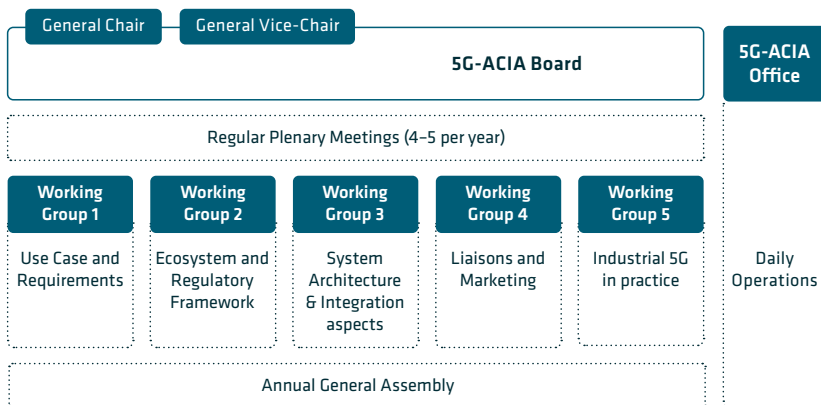
The 5G-ACIA Plenary is constituted by representatives of the member companies. They meet every 2-3 months to discuss and decide on the ongoing work and new work items.

General Assembly

The 5G-ACIA General Assembly meets once a year. Among other responsibilities, it elects the 5G-ACIA Chair, the 5G-ACIA Vice-Chair, the 5G-ACIA Board, and the Chairs of the Working Groups. In addition, it approves the 5G-ACIA budget.

The relationship between 5G-ACIA and ZVEI?

Legally speaking, ZVEI (Electro and Digital Industry Association) is the host organization of 5G-ACIA. It provides the infrastructure for global cooperation and supports precompetitive sharing and collaboration in compliance with European Union laws.



5G-ACIA Working Groups

The Working Groups are composed of individuals from the member companies organizations and every Working Group has a Chair and a Vice-Chair. Within the Working Group, the technical topics are dealt based on the planning and decisions of the plenary.

Working Group 1: Use Case and Requirements

This group discusses potential use cases and requirements and defines a common body of terminology.

Working Group 2: Ecosystem and Regulatory Framework

This group identifies and articulate specific spectrum needs of industrial 5G networks and explores new operator models, for example for operating private or neutral host 5G networks within a plant or factory.

Working Group 3: System Architecture and Integration aspects

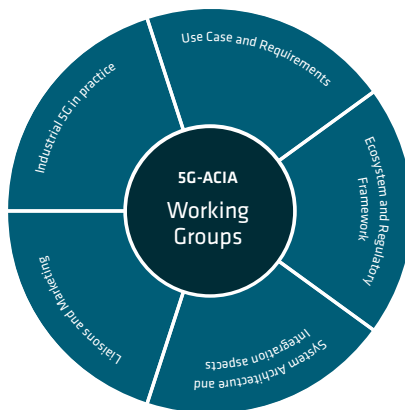
This group considers the overall architecture of future 5G-enabled industrial connectivity infrastructures. This includes integration concepts and migration paths, the evaluation of key technologies emerging from 5G standardization bodies.

Working Group 4: Liaisons and Marketing

This group takes care of the interaction with other initiatives and organizations by establishing liaison activities and initiating suitable promotional measures.

Working Group 5: Industrial 5G in practice

This group deals with the final validation of 5G for industrial applications. This includes the initiation of interoperability tests, larger trials, and potentially dedicated certification procedures.



5G-ACIA Membership Benefits

5G-ACIA is open to all organizations actively supporting its objectives. Companies from the industrial domain may wish to join the initiative in order to prepare themselves in good time for the disruptive changes potentially accompanying 5G in the future, and in order to ensure proactively that 5G fits their specific needs and requirements. Likewise, companies from the information and communication technology (ICT) domain may wish to join the 5G-ACIA in order to obtain a better understanding of the industrial domain and to gain insights into a highly attractive new market.

Become a member and benefit in various ways

Prepare in time for disruptive changes

5G-ACIA members prepare in time for the disruptive changes that 5G will bring. They make sure that their requirements are considered in future 5G standards.

Frame a future market

5G-ACIA members shape a new market at an early stage. They discuss and help construct a suitable market framework for the future.

Establish a new ICT and OT ecosystem

5G-ACIA members establish a mutual understanding between various industries. They create an ecosystem of ICT and OT players and design a common working language.

Gain valuable insights

5G-ACIA members gain valuable insights into a highly attractive emerging market. At the same time, they develop visionary 5G use cases.

Advance professional knowledge

5G-ACIA members advance their technological and industrial knowledge. They closely interact with scientists and recognised practitioners from all over the world.

Connect with global networks

Via 5G-ACIA, members get in touch with various global 5G networks. On the one hand, they directly contribute to 3GPP. On the other hand, they can connect with 5G and IIOT platforms.

5G-ACIA Membership Fees

The annual fees are based on each member's global revenues (of their entire organization or corporation, not of individual divisions or subsidiaries). New members who join before July 1 pay the entire membership fee for the current year. Those who join after that date pay only half. ZVEI members pay €10,000 (€5,000 if their annual revenues are less than €50 million).

Class	Annual global revenues	Annual fee
1	Less than €50 million	€5,000
2	€50 to €500 million	€15,000
3	€500 million or more	€30,000

How to Apply

Please request our Application package, which has two parts:

Part 1: Membership Application (Please complete and return)

Application form, Data sheet, Permission to use the logo

Part 2: General Information (For your information)

Presentation on 5G-ACIA, Internal rules of procedure, Membership fees, Statutes, Internal guidelines

Join now!

If you have any questions, please don't hesitate to contact us:

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5G-ACIA Members

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5G-ACIA.org

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