

## Siemens is European patent champion

- **First place among European companies in the European Patent Office's applicant ranking 2024**
- **25 percent of all patent applications by Siemens in the area of machine learning and artificial intelligence**
- **24 inventions per day worldwide in fiscal 2024 – 5,300 in total**

With 1,830 patent applications in 2024 at the European Patent Office (EPO), Siemens ranks first among EU-based companies. The ranking is led by Samsung, Huawei and LG. Germany is represented in the top 10 list by Siemens AG, BASF SE and Robert Bosch GmbH.

In the field of “computer technology,” which saw the highest number of patent applications at the EPO for the first time in 2024, Siemens is strongly represented. The company ranks 5<sup>th</sup> among the 20 most active patent applicants in this technology field. Computer technology includes artificial intelligence (AI) technologies, particularly machine learning and pattern recognition, in which Siemens is increasingly active. The share of patent applications in the field of machine learning and AI currently stands at around 25 percent – an increase of 60 percent over the past five years. The strong research and development activity underscores Siemens' technological leadership in the field of industrial AI and software.

With its innovations, Siemens combines the real and digital world and makes AI usable for entire industries. The solutions range from intelligent data analysis to simulations in digital twins, for more efficient and sustainable production, energy supply, mobility, and infrastructure. With the ongoing ONE Tech Company program, Siemens is increasing its innovation power and speed. Through targeted investments in focus areas and core technologies and the creation of Foundational

Technologies as a unit to scale core technologies, Siemens is further expanding its position as a leading technology company. Total investments in research and development increased to 6.3 billion euros in fiscal 2024 (2023: 6.1 billion euros).

Siemens holds a total of 41,700 granted patents worldwide. In fiscal 2024, Siemens employees submitted around 5,300 invention disclosures worldwide. Based on 220 workdays during the year, that amounts to approximately 24 inventions per day. Siemens employs around 53,000 people in research and development in 50 countries, including around 13,800 in Germany.

This press release is available at: <https://sie.ag/2vniPW>

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