

The Philips logo is displayed in white capital letters on a blue rectangular background.

Senior System Architect Test & Verification Equipment (m/f/d)

Job Title

Senior System Architect Test & Verification Equipment (m/f/d)

Job Description

System architecting is the art and science of designing and building multi-disciplinary systems. The responsibility and the challenge for the system architect is to translate the requirements of the many stakeholders into a system architecture blueprint. He/she will do this based on a solid knowledge of the problem domain, the business context, the human context, the solution domain, technology roadmaps and preceding architectures. The system architect provides the vision, develops the outline for an integral design, keeps the overview and takes care of the design consistency. He/she provides the context for the development activities that will be carried out by large multi-disciplinary teams of specialists.

The Senior System Architect Test & Verification Equipment develops testing strategies, standards, methods & tools to support product development & manufacturing. Is able to bridge between product development teams, New Product Introduction teams, and tester development teams. Is able to make technological choices on testing processes, systems and applications to be developed. Develops application know-how in the specific field of expertise. Is a reference on competence and in the technical area which typically bridges Innovation and Industrialization. Contributes to and/or makes relevant technological choices during the different stages of a project. Develops on the basis of design specifications, in accordance with the functional specifications and tests, analyses and verifies their performance. Ensures that there is proper documentation for the developed hard- & software. Understands and communicates consequences of the technology on the architecture. Integrates existing and/or purchased modules / components in a system.

He/she contributes to the acquisition of new assignments, based on the know-how in his/her specific field of expertise, through contacts with internal and external customers, and also with representatives from other fields of expertise, suppliers and knowledge institutes. He/she initiates assignment proposals in agreement with all relevant stakeholders.

You are part of

You are part of the Manufacturing Systems and Industry 4.0 department of Philips Engineering Solutions. With around 80 employees, we develop innovative assembly & test equipment for the development & production of high-quality and novel medical systems, products and devices. We enable the data driven revolution in production systems known as Industry 4.0 or Smart Factory. Customers include Philips R&D and production sites worldwide as well as external medical and semiconductor companies.

To succeed in this role, you should have the following skills and experience

- PhD or Master degree or equivalent level with relevant work experience within the manufacturing industry
- Relevant (technological) experience in test strategy & tester equipment development for innovation and manufacturing
- At least 3 years of experience as an architect.
- Analytical skills, architectural thinking and creation, switching from helicopter to detailed view.
- Knowledge of modern test equipment design methods and related tools (e.g. modelling).
- Good knowledge of structured development processes.
- Knowledge of domain, competitive situation and relevant core technologies.
- Knowledge of Industry 4.0 / Smart Factory technologies.
- Networks with colleagues internally and in universities and R&D centers.
- Black Belt certification is a pre

- Preferably knowledge of medical industry, including standards and regulatory requirements in Healthcare.
- Fluent in English. German and Dutch preferred.
- Leadership and influencing skills, team player, skills to coach, motivate & inspire, networking skills, negotiation skills.
- Strong communicator (writing & speech), being able to communicate on all levels.

In return, we offer you

We welcome you to a challenging, innovative environment with great opportunities for you to explore. Our benefits are very competitive and designed around your preferences.

Why should you join Philips?

Working at Philips is more than a job. It's a calling to create a healthier society through meaningful work, focused on improving 3 billion lives a year by delivering innovative solutions across the [health continuum](#). Our people experience a variety of unexpected moments when their lives and careers come together in meaningful ways.

To find out more about what it's like working for Philips at a personal level, visit the [Working at Philips page](#) on our career website, where you can read stories from our [employee blog](#). Once there, you can also learn about our [recruitment process](#), or find answers to some of the [frequently asked questions](#).

#LI-EU

Contact us

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Connect with us on



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