

# Senior Expert Engineering - Automation (m/f/d)

Job ID  
REQ-10040716  
Febr. 26, 2025  
Schweiz

## Zusammenfassung

Location: Basel, Switzerland

### Role Purpose:

Establish, maintain and improve the automation processes with respect to buildings, equipment and utilities. Provide cost-effective and efficient technical solutions, standards, strategies and act as a subject matter expert of automation and interface to IT. Support design, implementation and maintenance of automation systems in projects and site operations. Translate scientific business needs into actionable automation tasks

## About the Role

### Activities:

#### Organizational:

- Support internal and external audits

#### Automation:

- Develop & implement Coding / Recipes (DCS / Scada / PLC's / Control Networks)
- Design, implement & maintain Historian Configuration for modules / visualization / OPEX
- Implement Software Change Controls associated with automation / system changes
- Own and develop automation solutions that are consistent with specific needs of the manufacturing environment.
- Take an active role in preparing adequate and cost effective solutions for all automation investment related projects. Leverage best practices and expertise across the Engineering network.

#### Operational Technology (OT):

- Manage operations for (OT) systems, tools and applications, ensuring their stability and integrity, while meeting customer service levels.
- Support OT systems business owner in all occurring technical topics and operate all IT/OT services, systems and applications, to monitor events that occur in the enterprise environment.
- Ensuring that configuration items (any component that needs to be managed in order to deliver an IT/OT service) are identified, accounted, reported, verified and audited.
- Implement / execute the end to end processes required for OT systems and Cyber security requirements.
- Ensure that an up-to-date asset inventory for all technology assets is maintained.
- Take accountability to ensure adherence to security and compliance policies and procedures.

## Life Cycle Management & Project Engineering:

- Work according to standard quality processes including Change Requests, deviation investigations (including RCA), authoring/maintaining SOPs & WPs
- Create / maintain / verify engineering documents (protocols, drawings, lists, schedules, diagrams, layouts, calculations, datasheets)
- Perform Project Risk Assessment
- Identify technical solutions
- Prepare Equipment Specifications and System Requirements in project (e.g. User Requirement Specification)
- Prepare Functional Specifications in project
- Prepare, review and approve drawings, lists, schedules, diagrams, layouts, calculations and datasheets in project
- Perform engineering tasks for full project lifecycle (hardware & Software), incl: FAT/ SAT, Commissioning and Qualification, maintenance, decommissioning
- Execute work orders for projects as per method statement

## Required Skills & Experience:

- 5 years of engineering experience in Automation in Chemical or Pharmaceutical industry
- Proven in resolving software /automation problems & maintain reliable operation of all building control / automation and related systems while complying and supporting the global standards.
- Experience in maintaining reliable operation of building automation and related systems, ensuring maximum system availability and acceptable performance.
- Maintenance and development of building automation and related systems in adherence with global & local procedures
- Communications skills essential.
- Skills in C&Q within the automation (CSV).
- Extended knowledge of GxP / HSE & Quality systems

## Languages:

- German
- English

Commitment to Diversity and Inclusion: Novartis is committed to building an outstanding, inclusive work environment and diverse teams' representative of the patients and communities we serve.

## Accessibility and accommodation

Novartis is committed to working with and providing reasonable accommodation to all individuals. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the recruitment process, or in order to receive more detailed information about the essential functions of a position, please send an e-mail to [inclusion.switzerland@novartis.com](mailto:inclusion.switzerland@novartis.com) and let us know the nature of your request and your contact information. Please include the job requisition number in your message.

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Abteilung

Development

Business Unit

Innovative Medicines

Ort

Schweiz

Website

Basel (City)

Company / Legal Entity

C028 (FCRS = CH028) Novartis Pharma AG

Functional Area

Research & Development

Job Type

Full time

Employment Type

Regular

Shift Work

No

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