NOVARTIS

DDIT OPS Robotics Expert ITOT

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Китай

Сводка

The Robotics Expert (Super SME) owns the end-to-end robotics technology strategy for shared Work Centres across all manufacturing platforms (ADP/CGT, LMO, RLT, SMO). The role bridges emerging robotics technologies with site needs — moving solutions from market scan to shop floor — by combining deep technical expertise with close proximity to the vendor and innovation ecosystem.

About the Role

MAJOR ACCOUNTABILITIES

- Own the Work Centre robotics technology strategy and keep it continuously refreshed against market, vendor, and emerging-technology developments.
- Set shared Work Centre standards and strategy, harmonising requirements across platforms and aligning global ways of working to ensure common requirements are defined, captured, and embedded consistently
- Own the global User Requirement Specifications (URSs) and the technology & robotics roadmap for shared Work Centres, aligning common versus platform-specific requirements.
- Translate scouted technology into standardized, site-ready deployment packages — delivering implementable solutions, not just recommendations.
- Own and maintain the Robotics Catalog for shared Work Centres, keeping availability, readiness, ownership, and technical details current
- Lead technology and market scouting, with dedicated focus on advanced capability areas such as computer vision, automated inspection, and physical AI, closing current resourcing gaps in these domains.
- Evaluate vendor capability and performance, and partner with Procurement on the selection and management of standard, approved vendors.
- Maintain continuous alignment with sites ensuring evaluated technologies are actually piloted and adopted — and that site feedback shapes the next roadmap cycle.
- Report progress on a regular cadence to the Robotics Steering Committee and support sites roadmap endorsement and monthly technical syncs.
- Ensure compliance with GMP regulations and security protocols.
- Coordinate with vendors and partners for support and procurement.

KEY PERFORMANCE INDICATORS / MEASURES OF SUCCESS

- Robotics roadmap coverage: % of shared Work Centres with an up-to-date, approved robotics technology roadmap (target: 100%)
- Global URS completeness: % of shared Work Centres with defined and harmonised global User Requirement Specifications (URSs)
- Number of new/emerging technologies scouted, assessed, and qualified per quarter (with focus on computer vision, inspection, and physical AI)
- % of evaluated "Act Now" technologies actually piloted or adopted at sites
- Number of ready-to-deploy solution packages delivered per year.
- Contribution to the productivity targets linked to robotics opportunities

COMPETENCY PROFILE

Strong technical background in industrial robotics, automation, computer vision, and/or physical AI, ideally within regulated (GMP) manufacturing environments. Proven ability to translate emerging technologies into standardized, deployable solutions. Experience defining technical requirements (URSs), standards, and vendor evaluation criteria. Strong stakeholder management skills, with the ability to align across global platforms, sites, engineering, and procurement.

EDUCATION & QUALIFICATION REQUIREMENTS

- Bachelor's or Master's degree in a relevant technical discipline, such as:
  - Robotics, Mechatronics, or Automation Engineering
  - Electrical, Mechanical, or Control Systems Engineering
  - Computer Science, Artificial Intelligence, or Computer Vision
  - Industrial / Manufacturing Engineerin
- 7+ years of experience in industrial robotics, automation, or advanced manufacturing technology, ideally within a regulated environment
- Proven track record of evaluating, selecting, and deploying robotics or automation technologies from concept to shop floor
- Experience defining technical standards, User Requirement Specifications (URSs), and vendor evaluation criteria
- Strong understanding of robotics hardware, integration, and automation architectures.
- Knowledge of GMP requirements, data integrity (ALCOA+), and validation principles in regulated manufacturing
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- Proven experience in managing budgets and project pipelines
- Familiarity with GMP regulations and compliance standards
- Ability to collaborate with cross-functional teams and key stakeholders
- Business fluency in English

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Business Unit
Information Technology
Место
Китай
Сайт
Beijing (Beijing)
Company / Legal Entity
CN06 (FCRS = CN006) Beijing Novartis Pharma Co., Ltd
Functional Area
Информационные технологии
Job Type
Full time
Employment Type
Regular
Shift Work
No

Accessibility and accommodation

Novartis is committed to working with and providing reasonable accommodation to individuals with disabilities. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the recruitment process, or in order to perform the essential functions of a position, please send an e-mail to diversityandincl.china@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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