NOVARTIS

Site Robotics Expert

Job ID
REQ-10087402

十月 09, 2026

France

摘要

Location: Huningue, France #LI-Hybrid 3 days/week in office

Internal job title: DDIT OPS Robotics Expert ITOT

The Site Robotics Expert leads the robotics transformation of the Drug Substance manufacturing site in Huningue, driving the development, implementation, scaling, and lifecycle management of robotics solutions across manufacturing, laboratories, warehousing, and material handling. The role combines deep robotics expertise with strategic leadership, program management, and stakeholder engagement to improve productivity, quality, safety, and operational excellence while ensuring GMP, validation, data integrity, and cybersecurity compliance.
As the site subject matter expert, the role connects emerging robotics technologies and the external innovation ecosystem with operational needs, translating opportunities into standardized, deployable, and sustainable solutions in close collaboration with local and global stakeholders, Engineering, Operations, Quality, IT/OT, Procurement, and technology partners.

About the Role

Key Responsibilities:

- **Strategy and roadmap:** Develop, own, and continuously refresh the site robotics strategy and roadmap, identifying high-value opportunities and aligning priorities with site objectives and relevant global standards.
- **End-to-end delivery:** Lead robotics initiatives from opportunity assessment, feasibility, and business case development through design, implementation, qualification, deployment, adoption, and value realization.
- **Solution lifecycle ownership:** Ensure sustainable operation of robotics solutions through clear ownership, support models, maintenance, performance optimization, upgrades, obsolescence management, and replacement planning.
- **Technology evaluation and scouting:** Assess, select, and deploy technologies including AMRs, AGVs, industrial and collaborative robots, automated material handling, service robots, computer vision, automated inspection, AI-enabled robotics, and emerging Physical AI solutions.
- **Requirements and standardization:** Define and own User Requirement Specifications (URSs), technical standards, integration principles, and reusable deployment packages, differentiating common site requirements from use-case-specific needs.
- **Robotics catalog:** Own and maintain a site robotics catalog covering solution availability, maturity, readiness, ownership, technical characteristics, and deployment status.
- **Governance and performance:** Establish robotics governance, decision criteria, standards, portfolio visibility, and performance monitoring. Provide regular progress reporting to the relevant site governance and technical forums.
- **Cross-functional collaboration:** Partner with Manufacturing, Laboratories, Warehousing, Engineering, Quality, HSE, IT/OT, Procurement, global robotics experts, and end users to ensure solutions are fit for purpose, scalable, and adopted.
- **Vendor and partner management:** Evaluate supplier capability and performance; support Procurement in selecting and managing approved partners; coordinate vendor support and foster external innovation partnerships.
- **Compliance and risk management:** Ensure compliance with GMP, validation and qualification requirements, ALCOA+ data integrity principles, machinery and operational safety, cybersecurity standards, and inspection-readiness expectations.
- **Capability building and adoption:** Act as the site robotics subject matter expert, build internal capabilities, support change and training activities, and capture operational feedback to improve subsequent roadmap cycles.
- **Financial and portfolio stewardship:** Contribute to budget and project-pipeline management, support investment prioritization, and track delivery of productivity and other agreed business benefits.

Essential Requirements:

- Bachelor's or Master's degree in Robotics, Mechatronics, Automation, Electrical, Mechanical or Control Systems Engineering, Computer Science, Artificial Intelligence, Computer Vision, Industrial Engineering, or a related technical discipline.
- Minimum 5 years of demonstrated experience in industrial robotics, automation, or advanced manufacturing technology, including hands-on implementation and deployment of robotics

solutions.
- Proven track record of leading robotics or automation projects from concept and business case through implementation, qualification, handover, and operational support.
- Strong understanding of robotics hardware, system integration, industrial automation architectures, safety, maintenance, and continuous improvement practices.
- Experience defining technical requirements, URSs, standards, and vendor evaluation criteria.
- Experience in a GMP/pharmaceutical or similarly regulated manufacturing environment, including validation principles and data-integrity expectations.
- Practical exposure to AI-enabled robotics, computer vision, automated inspection, or Physical AI.
- Strong program, stakeholder, and vendor-management skills, with the ability to influence across local and global teams without direct authority.
- Ability to develop business cases, support budget and project-pipeline management, and translate technical opportunities into measurable operational value.
- Fluent French and English, spoken and written.

Desirable Requirements:

- Advanced expertise in AMRs, AGVs, collaborative or industrial robots, automated material handling, vision-guided systems, or service robotics.
- Experience scaling robotics solutions across multiple functions, production areas, or manufacturing platforms.
- Knowledge of OT cybersecurity, industrial networks, interfaces to automation or manufacturing systems, and lifecycle/obsolescence management.
- Established network within robotics vendors, integrators, research institutions, or innovation ecosystems.

Benefits and Rewards :

- Salary range: 44,000 - 81,800 €
- An annual bonus
- A focus on your career development
- Access to our Quality of Life at work program
- Flexible working
- Advanced social coverage for you and your loved ones
- 27 days of paid leave & 14 days of RTT per year
- Various employee recognition programs

Commitment to Diversity & Inclusion:

We are committed to building an outstanding, inclusive work environment and diverse teams representative of the patients and communities we serve.

Why Novartis?

Our purpose is to reimagine medicine to improve and extend people ' s lives and our vision is to become the most valued and trusted medicines company in the world. How can we achieve this? With our people. It is our associates that drive us each day to reach our ambitions. Be a part of this mission and join us! Learn more here: https://www.novartis.com/about/strategy/people-and-culture

Join our Novartis Network: If this role is not suitable to your experience or career goals but you wish to stay connected to learn more about Novartis and our career opportunities, join the Novartis Network here: https://talentnetwork.novartis.com/network

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 and let us know the nature of your request and your contact information. Please include the job requisition number in your message.

Localisation : Huningue, France | #LI-Hybrid, 3 jours par semaine sur site

Intitul é interne du poste : DDIT OPS Robotics Expert ITOT

L ' Expert Robotique Site pilote la transformation robotique du site de production de substances actives de Huningue, en assurant le d é veloppement, la mise en œuvre, le d é ploiement à grande é chelle et la gestion du cycle de vie des solutions robotiques dans les domaines de la production, des laboratoires, de l ' entreposage et de la manutention des mat é riaux. Ce poste combine une expertise approfondie en robotique avec du leadership strat é gique, de la gestion de programmes et une forte capacit é à collaborer avec les diff é rentes parties prenantes, afin d ' am é liorer la productivit é , la qualit é , la s é curit é et l ' excellence op é rationnelle, tout en garantissant la conformit é aux exigences GMP, de validation, d ' int é grit é des donn é es et de cybers é curit é .

En tant qu ' expert de r é f é rence du site, vous é tablirez le lien entre les technologies robotiques é mergentes et l ' é cosyst è me externe d ' innovation, d ' une part, et les besoins op é rationnels, d ' autre part. Vous transformerez les opportunit é s identifi é es en solutions standardis é es, d é ployables et p é rennes, en é troite collaboration avec les parties prenantes locales et globales, les é quipes Engineering, Operations, Quality, IT/OT, Procurement ainsi qu ' avec les partenaires technologiques.

Principales responsabilit é s :

- **Strat é gie et feuille de route :** D é velopper, piloter et actualiser en continu la strat é gie et la feuille de route du site en mati è re de robotique, en identifiant les opportunit é s à forte valeur ajout é e et en alignant les priorit é s sur les objectifs du site et les standards globaux applicables.
- **Pilotage de bout en bout :** Diriger les initiatives robotiques depuis l ' é valuation des opportunit é s, l ' é tude de faisabilit é et l ' é laboration du business case jusqu ' à la conception, la mise en œuvre, la qualification, le d é ploiement, l ' adoption et la r é alisation de la valeur attendue.
- **Gestion du cycle de vie des solutions :** Garantir l ' exploitation p é renne des solutions robotiques gr â ce à une d é finition claire des responsabilit é s, des mod è les de support, de la maintenance, de l ' optimisation des performances, des mises à niveau, de la gestion de l ' obsolescence et de la planification des remplacements.
- **É valuation et veille technologique :** É valuer, s é lectionner et d é ployer des technologies telles que les AMR, AGV, robots industriels et collaboratifs, solutions automatis é es de manutention, robots de service, vision par ordinateur, inspection automatis é e, robotique bas é e sur l ' IA et solutions é mergentes de Physical AI.
- **Exigences et standardisation :** D é finir et piloter les sp é cifications des besoins utilisateurs (URS), les standards techniques, les principes d ' int é gration et les mod è les de d é ploiement r é utilisables, en distinguant les exigences communes du site de celles sp é cifiques à chaque cas d ' usage.
- **Catalogue robotique :** Piloter et maintenir le catalogue robotique du site couvrant la disponibilit é des solutions, leur niveau de maturit é , leur é tat de pr é paration, leur responsabilit é , leurs caract é ristiques techniques et leur statut de d é ploiement.
- **Gouvernance et performance :** Mettre en place la gouvernance robotique, les crit è res de d é cision, les standards, la visibilit é du portefeuille et le suivi des performances. Assurer un reporting r é gulier de l ' avancement aupr è s des instances de gouvernance et des forums techniques concern é s du site.
- **Collaboration transverse :** Collaborer avec les é quipes Manufacturing, Laboratories, Warehousing, Engineering, Quality, HSE, IT/OT et Procurement ainsi qu ' avec les experts robotiques globaux et les utilisateurs finaux afin de garantir que les solutions sont adapt é es aux besoins, é volutives et effectivement adopt é es.
- **Gestion des fournisseurs et partenaires :** É valuer les capacit é s et les performances des fournisseurs, accompagner Procurement dans la s é lection et la gestion des partenaires approuv é s, coordonner le support des fournisseurs et d é velopper des partenariats externes favorisant l ' innovation.
- **Conformit é et gestion des risques :** Garantir le respect des exigences GMP, de validation et de qualification, des principes ALCOA+ relatifs à l ' int é grit é des donn é es, des exigences de s é curit é des machines et des op é rations, des standards de cybers é curit é et des attentes en mati è re de pr é paration aux inspections.
- **D é veloppement des comp é tences et adoption :** Agir en tant qu ' expert de r é f é rence en robotique pour le site, d é velopper les comp é tences internes, accompagner les activit é s de conduite du changement et de formation, et recueillir les retours op é rationnels afin d ' am é liorer les futurs cycles de la feuille de route.
- **Gestion financi è re et du portefeuille :** Contribuer à la gestion du budget et du portefeuille de projets, soutenir la priorisation des investissements et suivre la r é alisation des gains de productivit é ainsi que des autres b é n é fices m é tier convenus.

Exigences essentielles :

- Dipl ô me de niveau Bachelor ou Master en robotique, m é catronique, automatisation, g é nie é lectrique, m é canique ou des syst è mes de contr ô le, informatique, intelligence artificielle, vision par ordinateur, g é nie industriel ou dans une discipline technique connexe.
- Minimum 5 ans d ' exp é rience d é montr é e dans la robotique industrielle, l ' automatisation ou les technologies avanc é es de production, incluant une exp é rience pratique de la mise en œuvre et du d é ploiement de solutions robotiques.
- Exp é rience confirm é e dans le pilotage de projets de robotique ou d ' automatisation, depuis la conception et l ' é laboration du business case jusqu ' à la mise en œuvre, la qualification, le transfert aux op é rations et le support op é rationnel.
- Solide compr é hension du mat é riel robotique, de l ' int é gration des syst è mes, des architectures d ' automatisation industrielle, de la s é curit é , de la maintenance et des pratiques d ' am é lioration continue.
- Exp é rience dans la d é finition d ' exigences techniques, d ' URS, de standards et de crit è res d ' é valuation des fournisseurs.
- Exp é rience dans un environnement de production GMP/pharmaceutique ou dans un environnement r é glement é comparable, incluant une connaissance des principes de validation et des exigences relatives à l ' int é grit é des donn é es.
- Exp é rience pratique de la robotique bas é e sur l ' IA, de la vision par ordinateur, de l ' inspection automatis é e ou de la Physical AI.
- Solides comp é tences en gestion de programmes, des parties prenantes et des fournisseurs, avec la capacit é d ' influencer les é quipes locales et globales sans lien hi é rarchique direct.
- Capacit é à d é velopper des business cases, à contribuer à la gestion des budgets et du portefeuille de projets et à transformer les opportunit é s technologiques en valeur op é rationnelle mesurable.
- Ma î trise courante du fran ç ais et de l ' anglais, à l ' oral comme à l ' é crit.

Exigences souhait é es :

- Expertise avanc é e des AMR, AGV, robots collaboratifs ou industriels, syst è mes automatis é s de manutention, syst è mes guid é s par vision ou robots de service.
- Exp é rience dans le d é ploiement à grande é chelle de solutions robotiques dans plusieurs fonctions, zones de production ou plateformes de fabrication.
- Connaissance de la cybers é curit é OT, des r é seaux industriels, des interfaces avec les syst è mes d ' automatisation ou de production, ainsi que de la gestion du cycle de vie et de l ' obsolescence.
- R é seau é tabli aupr è s de fournisseurs de solutions robotiques, d ' int é grateurs, d ' instituts de recherche ou d ' é cosyst è mes d ' innovation.

Vos avantages en rejoignant Novartis :

- Package de r é mun é ration attractif: 44,000 - 81,800 €
- Une prime annuelle
- Un focus sur votre d é veloppement de carri è re
- Une d é marche Qualit é de Vie au Travail vous permettant de proposer des am é liorations pour votre quotidien
- Une attention particuli è re port é e à votre é quilibre vie pro / personnelle avec des dispositifs

comme le t é l é travail, le temps r é duit annualis é ou le cong é parentalit é
- Une couverture sociale avanc é e pour vous et vos proches
- 27 jours de cong é s pay é s & au moins 14 jours de RTT par an
- Diff é rents programmes de reconnaissance des employ é s

Pourquoi Novartis : Notre objectif est de r é imaginer la m é decine pour am é liorer et prolonger la vie des gens et notre vision est de devenir l'entreprise de m é dicaments la plus appr é ci é e et la plus fiable au monde. Comment pouvons-nous y parvenir ? Avec nos collaborateurs. Ce sont nos collaborateurs qui nous poussent chaque jour à r é aliser nos ambitions. Participez à cette mission et rejoignez-nous ! Pour en savoir plus, cliquez ici : https://www.novartis.com/fr-fr/emploi/culture-dentreprise

Engagement envers la diversit é et l'inclusion / EEO : Novartis s'engage à cr é er un environnement de travail exceptionnel et inclusif et des é quipes diversifi é es repr é sentatives des patients et des communaut é s que nous servons.

Why Novartis: Helping people with disease and their families takes more than innovative science. It takes a community of smart, passionate people like you. Collaborating, supporting and inspiring each other. Combining to achieve breakthroughs that change patients ' lives. Ready to create a brighter future together? https://www.novartis.com/about/strategy/people-and-culture

Benefits and Rewards: Learn about all the ways we ' ll help you thrive personally and professionally. Read our handbook (PDF 30 MB)

Primary location salary range
€ 44,000.00 - € 81,800.00

部门
Operations

Business Unit
Information Technology

地点
France

站点
Huningue

Company / Legal Entity
FR12 (FCRS = FR012) Novartis Pharma S.A.S.

Functional Area
Technical Operations

Job Type
Full time

Employment Type
Regular

Shift Work
No

var kPlayer = KalturaPlayer55802022 || KalturaPlayer; var config = { targetId: "kalturaplayer6af1da7158a54626158809", provider: { widgetId: "10m7rm1pm", partnerId: "2076321", uiConfId: "55802022" }, playback: { autoplay: false, autopause: false, muted: false, loop: false }, sources: { options: {}, startTime: 0 }, disableUserCache: "true", plugins: {}, sources: { options: {}, startTime: 0 }, ui: { showCCButton: false, settings: { showQualityMenu: true, showSpeedMenu: false }, components: { fullscreen: { disableDoubleClick: false } }, uiComponents: [{ presets: ['Playback', 'Live'], area: 'BottomBarRightControls', replaceComponent: 'Fullscreen', get: kPlayer.ui.components.Remove }] } }; // Check and add plugins only if they exist if (kPlayer.plugins["download"]) { config.plugins.download = { disable: true }; } if (kPlayer.plugins["transcript"]) { config.plugins["playkit-js-transcript"] = { position: "right", // Default: bottom;('left', 'right', 'top', 'bottom') to enable transcript. expandMode: "over", // Default: alongside;('alongside', 'hidden', 'over') expandOnFirstPlay: false, showTime: true, downloadDisabled: false, printDisabled: false, disable: true }; } if (kPlayer.plugins["preventSeek"]) { config.plugins.preventSeek = { preventSeekForward: false, preventSeek: false }; } config.plugins.floating = { disable: true }; if (kPlayer.plugins["navigation"]) { config.plugins.navigation = { position: "right", expandMode: "over", expandOnFirstPlay: false, visible: false }; } if (kPlayer.plugins["hotspots"]) { config.plugins['playkit-js-hotspots'] = { disable: true }; } if (kPlayer.plugins["moderation"]) { config.plugins['playkit-js-moderation'] = { disable: true }; } if (kPlayer.plugins["info"]) { config.plugins['playkit-js-info'] = { disable: true }; } if (kPlayer.plugins["share"]) { config.plugins.share = { disable: true }; } config.ui.uiComponents = []; if (kPlayer.plugins["googleAnalytics"]) { config.plugins.googleTagManager = {}; config.plugins.googleTagManager.customEventsTracking = {}; config.plugins.googleTagManager.containerId = 'GTM-57RJQ5'; config.plugins.googleTagManager.customEventsTracking.custom = [];

config.plugins.googleTagManager.customEventsTracking = { preset: { coreEvents: true, UIEvents: false, playlistEvents: false, castEvents: false } }; }

// Ensure the global player registry array always exists, regardless of embed type. window.kalturaPlayerVideos = window.kalturaPlayerVideos || []; try { var thumbEmbedPromise = thumbnailEmbed({config, mediaInfo: {entryId: "1dgfvmafo"}}); // thumbnailEmbed() returns a Promise that resolves with the player instance // when the user clicks the thumbnail. Use .then() to capture the player directly. thumbEmbedPromise .then(function(player) { window.kalturaPlayerVideos.push(player); // Notify kaltura datalayer.js that a new player is ready so it can // attach custom event listeners immediately, regardless of when // the user clicked the thumbnail relative to page load. document.dispatchEvent(new CustomEvent('kalturaPlayerReady', { detail: { player: player } })); }) .catch(function(error) { console.error(error); }); } catch (e) { console.error(e.message) }

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