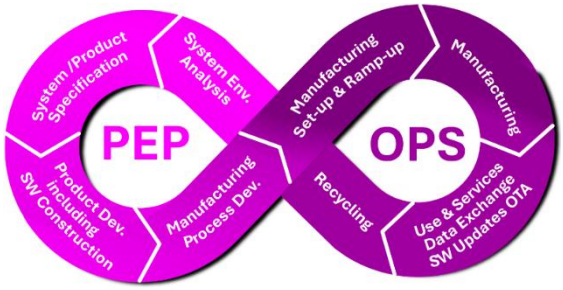
Corporate Profile

What we stand for

cip Lifecycle Solutions is a systems integrator specializing in industrial product development. We combine process, methodology, and software expertise under the same roof. Our customers develop and manufacture control units as well as mechatronic and cyber-physical products in series production. We are convinced that good processes lead to good products. With this understanding, we work with our clients to design their development processes, implement them in Polarion, and support their teams through the first few months of productive use. After all, a tool alone cannot solve a process problem. In this way, methodological expertise becomes an integral part of everyday project work.

We are familiar with product development processes, the engineering and technologies behind the products, and the requirements of laws, regulations, and standards, including the associated testing and certification procedures. Our clients are companies in the mobility sector (road, rail, sea and air), mechanical engineering, as well as medical and defense technology.



System Lifecycle Management (SysLM) | © 2025 cip Lifecycle Solutions

Why we build on Polarion

Some of our team members are familiar with Polarion from the very beginning and combine this knowledge with many years of hands-on experience from consulting projects. As a certified PLM Solution Partner, we have been working closely with Siemens since 2017 and are supporting continuous development of the platform.

Solution Partner PLM | SIEMENS

Then as now, we are convinced of Polarion's maturity and potential. It is a very powerful yet application-neutral toolkit that can support far more than traditional Application Lifecycle Management (ALM), namely, all technical disciplines of cyber-physical systems. With our know-how and products, we help our customers realize this potential and integrate it into their tooling environment.

Overview

Consulting engineering services for processes and methods
IT services related to Siemens Polarion

In-house software products: AM-PACK and UPPS! Extensions

Since 2017, Siemens Solution Partner
Since 2025, part of a corporate group with ReQonsult and Garantis IT Solutions

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More Software, Less Time: The New Reality of Product Development

The functional scope of products is constantly increasing, and their complexity is growing even faster. As the share of software continues to rise, the number of requirements increases exponentially. At the same time, connected systems and components are getting more autonomy, are being developed in a highly dynamic manner, and are changing their behavior in ever-shorter cycles. Growing competitive pressure and the need for success are further reducing time-to-market expectations. There is little room left for traditional model and prototype manufacturing.

Dealing with this in a profitable manner is becoming increasingly challenging in product development. There is no way around this complexity, as it is part of these products' value. However, how we approach complexity can be shaped.

Systems Engineering Makes Complexity Manageable

Systems thinking is the established and widely proven key to understanding the complexity of systems. Systems engineering translates this way of thinking into a methodology. As consulting engineers, we use it to help our clients clearly structure the development of increasingly complex systems.

For us, implementing holistic systems engineering requires addressing methodology definition, process design, and tool selection as an inseparable entity. We do this throughout the entire product lifecycle in a way that balances the competing goals of maximizing efficiency and effectiveness in accordance with the principles of the respective corporate strategy.

Using Polarion in the traditional way for managing requirements does not contradict this approach. Beyond that, we have recognized that Polarion can fully support the entire model-based systems engineering (MBSE) process, and that is exactly what we have implemented. We have customers who utilize MBSE and are setting new standards in their competitive environments.

Our Services for Bringing Systems Engineering to Life

Consulting, process design, and implementation in Polarion: We guide our clients through all phases of product development. Together, we perform in-depth analysis of their needs, strengthen their processes for long-term success and customize Polarion accordingly. Our involvement ranges from individual workflows to company-wide configurations. We remain involved even after rollout, as it takes everyday use to reveal where processes are resilient and effective. Training for users and administrators is also part of our offer.

Administration and Hosting: The majority of our clients place their entire Polarion infrastructure administration in our hands, while some also choose us for on-premises or cloud hosting. Server clusters that improve performance and reliability, or the splitting, merging, and streamlining of Polarion SVN repositories, are examples of highly specialized Polarion services that our customers value and appreciate.

Integration of connected applications: We integrate Teamcenter, MATLAB Simulink, Synopsys, Enterprise Architect, Rational Rhapsody, Jira, GitLab, GitHub, amongst many others seamlessly to ensure traceability beyond tool boundaries with reliable change management. DRIM

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and ReqMan for capturing free-text requirements are equally part of our portfolio of expertise, as is leveraging the potential of AI with LLM and MCP.

System Migrations: The shift from other ALM systems to Polarion looks different for every client. For example, we have successfully completed migrations from IBM DOORS Classic involving well over 1,000 users.

AM-PACK: Turnkey Solution for Holistic Systems Engineering in Polarion

AM-PACK, our Advanced Management Package, elevates Polarion from an ALM tool to a platform for holistic systems engineering based on the V-Model. This add-on was developed based on many years of working alongside our customer base. Over the past ten years, our customers' requirements, combined with our modeling ideas and standards, have evolved into a best-practice template that we are continuously expanding. AM-PACK enables new Polarion users to start using this tool productively from day one.

The range of features is broad. AM-PACK supports both traditional requirements-based development and – without the need for SysML knowledge – function-based development (MBSE). It is compliant with A-SPICE, functional safety (ISO 26262), and cybersecurity (ISO/SAE 21434). In addition, it provides architecture management, system and design FMEA, and the management of bills of materials, product lines, variants, and carry-over parts, as well as issue and knowledge management. Verification and validation management with bidirectional interfaces to test benches completes the set of features.

UPPS! Extensions: Usability and Efficiency for Everyday Work in Polarion

Nothing is perfect, not even Polarion. Therefore, every UPPS! extension does not start with a product idea, but daily tasks that demand considerable time and effort of our clients: Manual steps, too many clicks, inconvenient routines.

The name UPPS! represents *Use Case → Problems → Solution!* and thereby the chain of insights that forms the foundation of our Polarion extensions. Currently, the product line includes six extensions. They make Polarion more convenient, faster, and more reliable in areas that would otherwise cost time, money, and patience: from navigating or inserting content without switching contexts, to automatically maintaining links, to providing an overview of license utilization.

cip Lifecycle Solutions as Part of a Corporate Group

Since 2025, we have joined forces with ReQonsult and Garantis IT Solutions, forming a corporate group. All three companies are Siemens Polarion partners with different business models. Our personnel capacities, service strengths, and product ranges complement each other perfectly. All shareholders serve in leadership roles, and together we are working toward reaching the 50-employee milestone. We face the challenges resulting from market and technological shifts with curiosity, confidence, and a desire to drive meaningful change.

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