



## DIGITAL INDUSTRIES SOFTWARE

# The power of Polarion software

### Solution brief

#### Summary

Polarion® software for application lifecycle management (ALM) from Siemens Digital Industries Software has a proven track record of unlocking synergies for complex product, software and embedded systems development. Throughout lifecycles and across projects, Polarion helps accelerate collaboration, integrity and innovation for our customers.

#### Your partner for software development

With Polarion, Siemens Digital Industries Software is the first vendor delivering a unified, 100 percent browser-based solution with document-centric, “easy-as-Word” functionality supporting real-time collaboration online via patented LiveDoc functionality. Polarion is the first commercial solution to make use of a

version management system (the Subversion™ open-source version control system) to store all artifacts including process configurations.

*“Thanks to Polarion, we can rely on a single platform to collect our data, exchange documents, collaborate, keep traceability and control our workflow.”*

Andreas Deuter  
Phoenix Contact

Polarion is also the first ALM solution to be certified for compliance with ISO 26262/IEC 61508 standards for functional safety by the T V NORD international certification body. With this certification, Polarion is ideally qualified for regulated product development that complies with international standards.

#### Benefits

- Improved collaboration
- Increased efficiency and productivity
- Accelerated development
- Lower cost of ownership
- Improved quality
- Improved workflow control
- Improved integrity and safety
- Cost savings through re-use
- Improved traceability
- Real-time status updates
- Streamlined compliance with regulatory standards

# SIEMENS

[siemens.com/polarion](https://www.siemens.com/polarion)

# Solution focus

*"Polarion's ISO 26262 qualification is saving us a great deal of effort and cost in our own qualification process."*

Maria Eugenia Zuniga  
Quantum Technologies

Polarion's viability is underscored by a strong global ecosystem of Polarion partners available to customers where they need them as experts in their field, extending the industry-leading solution with complementary technologies and services.

Used by a quarter of Fortune 1000 companies, Polarion software has more than 2.5 million users and 10,000 community members worldwide accelerating collaboration, integrity and innovation. In 2015, Siemens Digital Industries Software added Polarion ALM to its portfolio of product lifecycle management (PLM) solutions, making ALM an integral part of the product development process.

## Exceptional value, low cost of ownership

Siemens Digital Industries Software delivers value – its Polarion customers benefit from a flexible licensing structure, and many report total cost of ownership (TCO) reductions of up to 70 percent associated with implementation, training, integration, hardware and infrastructure savings.

*"Polarion covers the entire spectrum for closer collaboration between software, hardware, mechanical, project, test and*

*software requirements management, which improves product quality, protects functional safety and saves time and money."*

Rainer Kirchner  
ASK Industries

## Leading-edge technology

The Polarion solutions offer leading technologies that improve collaboration and productivity in software development. Patented technologies include LiveDoc online authoring, which enables granular documentation of artifacts such as requirements, test cases, defects and others within the modern, browser-based Polarion platform to protect your technology investment and empower your employees.

*"Polarion drastically improved the collaboration of stakeholders by tearing down the walls between organizational units and encouraging them to participate in a comprehensive product development approach."*

Jörn Tiedjen  
LMT Lammers Medical Technology

## Cost-effective re-use

Polarion enables re-use of documents to reduce development costs. You can import existing requirements and test cases captured in Microsoft® Office® documents for a cost-effective and fast transition to a compliant work environment.

*"Polarion was selected as the best requirements management tool to complement our best-of-breed tool chain. It helps to leverage existing documents and provides all the transparency and traceability needed in a solution delivery process."*

Lead Requirements Engineer

## Improved productivity

The Polarion solutions improve productivity by enabling concurrent real-time collaboration on one single document. Information can be simultaneously entered, automatically merged and externally shared, with continuously linked work items enabling efficient re-use, management of issues, changes and variants and automated proof of compliance.

*"The Polarion software's recent integration with MATLAB® Simulink®, Klocwork and others show a real deep understanding for their target markets."*

Michael Azoff  
Principal Analyst  
Ovum

## Traceability and automated audit trails

Polarion delivers full traceability across lifecycles and projects. Combined with compliant electronic signatures, the traceability and audit trails accelerate common processes while streamlining proof of compliance. Polarion offers native integration with the Requirements Interchange Format (ReqIF/RIF) to enable seamless information exchange across the supply chain.

*"Polarion's designed-in traceability support saves significant time. Traceability is achieved by pressing a button and the time invested is reduced up to 25 percent."*

Uli Markert  
Supervisor Software Services  
Spansion

### Real-time status reporting

With Polarion you can track and report the status of all projects across all portfolios in real time to improve transparency and release predictability, and ultimately to accelerate time-to-market of new products.

*"Polarion moved our development unit to a new level. It enables us to fulfill all of our regulatory and non-regulatory requirements. Polarion provides a platform to collaborate with all our stakeholders in a very efficient and transparent way."*

Lars Wischnewski  
Innomedic

### Automated proof of compliance

For regulated development environments, using Polarion automates proof of compliance through easily customized preconfigured workflow templates that help automate routine processes so that no steps are ever missed or bypassed.

*"With Polarion we found the solution to both of our biggest pain points: achieving SPICE compliance and enabling us to seamlessly fit into the OEM supply chain."*

Christian Posluschni  
KÜSTER

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