

Polarion[®] ALM[™]

EVERYTHING YOU NEED IN ONE SINGLE ALM SOLUTION

HIGH PERFORMANCE AND SCALABLE WEB ALM SOLUTION

Eliminates inefficiencies caused by disparate point tools and barriers between silos of data and knowledge.

POLARION ALM WILL DECREASE YOUR COSTS MORE THAN 70%

Associated with System Admin, Implementation, Training, Integrations, Annual Maintenance, Hardware and Infrastructure.

POLARION ALM ADOPTS YOUR ORGANIZATION'S CULTURE

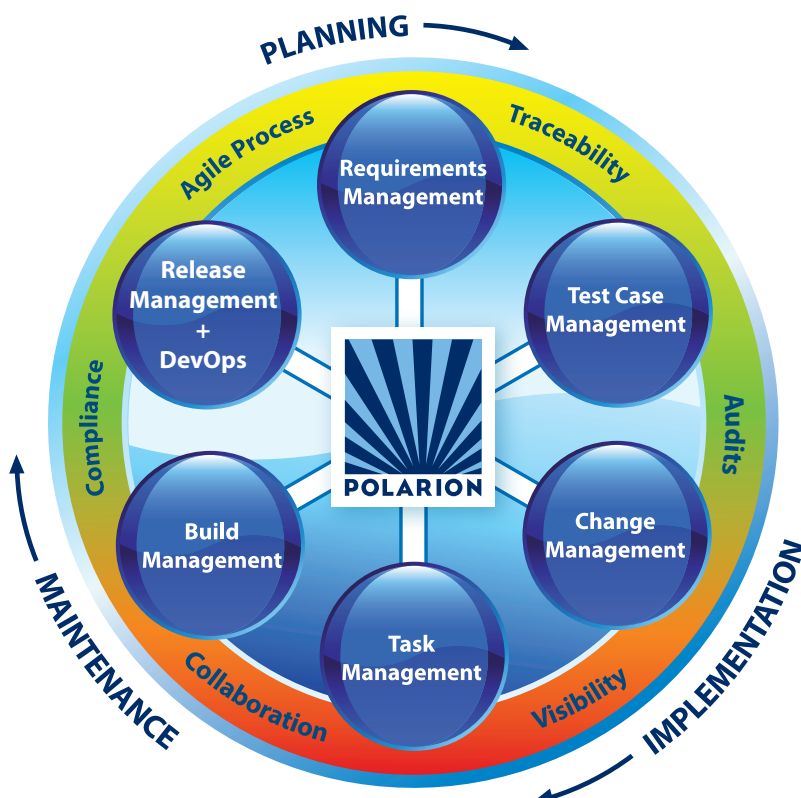
Supports any process, or workflow from very agile to highly formalized via our totally flexible and open ALM architecture.

SAVE MONEY AND ENSURE PROJECT SUCCESS

Wiki collaboration, rich document libraries, market-proven customer extensions.

PAINLESS APPLICATION LIFECYCLE MANAGEMENT (ALM)

In legacy software development tool environments, many different point solutions are used for software lifecycle management. There are requirements management tools, bug trackers, change management, version and configuration management tools, audit and metrics engines, etc. The problem: your development artifacts are scattered, making it difficult to derive useful, timely management information. POLARION ALM offers a unique approach that keeps all artifacts of the entire software lifecycle in one single place. This is accomplished using the industry's most popular open source configuration management system **Subversion**.



POLARION ALM gives organizations tools (for requirements, tasks, change requests, etc.) AND project transparency through real-time aggregated management information. This helps managers and developers respond faster and with more quality, to new business opportunities and customer demands.

POLARION ALM

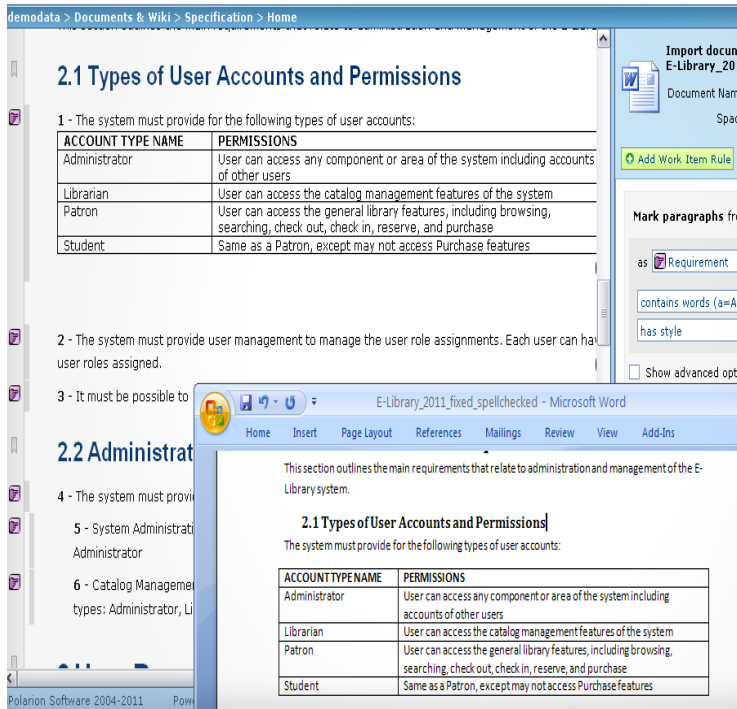
Web application lifecycle management solution that delivers:

- **Traceability & Versioning**
Understand the “Who, What, When and Why” of any changes
- **Online Authoring with “LiveDocs”™**
Imported documents still look and edit like documents
- **Any Workflow or Methodology**
Flexible, customizable workflows easily adapt to your systems and methods
- **Resource & Project Planning**
Spot potential bottlenecks before they occur
- **Collaborate In the Cloud**
Discussions, wikis, subscriptions, alerts, electronic signatures & more
- **Test Case Management**
Specify, manage, and execute Test Cases on a single platform
- **Audits & Qualitative Metrics**
Manage risk better by catching problems earlier in the lifecycle
- **Automated Build Management**
Integration with leading tools such as Hudson, Ant & Maven
- **Compliance**
Attain compliance with a wide spectrum of industry standards: CMMI, SOX, FDA, SPICE, and more.
- **Extensibility**
API included at no extra charge let you build your own apps and extensions

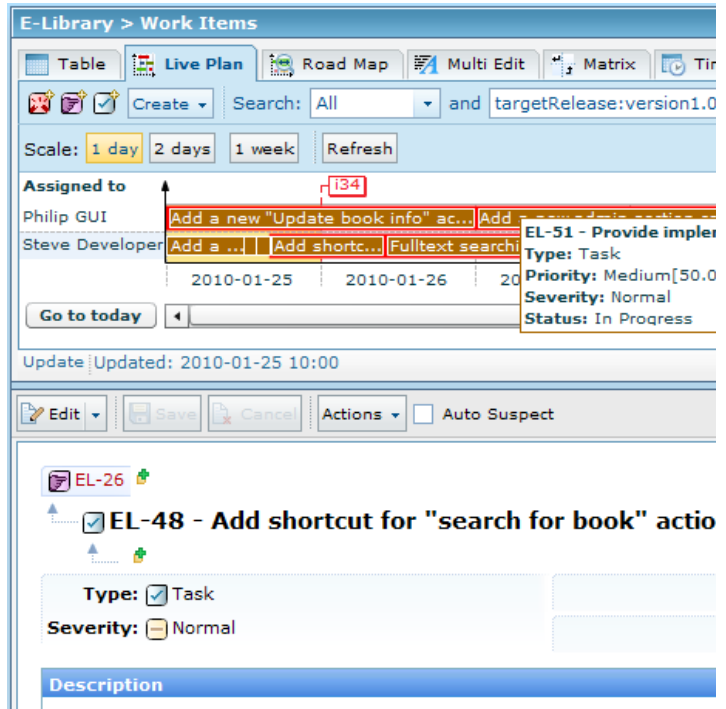
KEY BENEFITS

- 100% Web based to Manage all phases of the Application Lifecycle Management
- Full traceability from initial requirements to source code to production
- Support any process or methodology (Agile, Waterfall, regulatory, hybrid)
- Elevates real-time visibility of project performance and status
- Accelerate adoption, cut training & IT Admin costs

Every ALM feature delivered out-of-the-box at an incredibly low price!



Online Authoring with "LiveDocs"™



Live Project Planning

KEY FEATURES:

REQUIREMENTS MANAGEMENT

POLARION ALM charts new frontiers in state-of-the-art RM. Document oriented domain experts & others can use familiar MS Word/Excel to create and edit requirements throughout the cycle. Developer tasks are automatically created from these Live Documents and managed in Polarion. Any changes to the tasks automatically propagate back to the requirements document. Or, RM engineers can opt to create structures of linked requirements right in the portal using a simple, document-like interface. Other Requirements Management features include:

- Link-role-based traceability matrix and tree views
- Fully customizable multilevel requirements approval process
- Impact analysis and traceability reports

TESTING

Testers use a unified environment to create bug reports or change requests for developers, collaborate with requirements engineers on acceptance criteria, etc. Create test cases and easily link them to requirements in the same project or a separate project, with a "verifies" relationship.

Leverage Polarion's unique capability to define a common process across team, role, and tool boundaries to embrace all stakeholders. Use requirement-driven testing, Agile testing, or whatever process works for your organization.

LIVE PLANNING

Project schedules are automatically updated as project progresses. Delays and workloads are shown in real-time and you can import / export to Microsoft Project.

WORKFLOW-DRIVEN CHANGE MANAGEMENT

POLARION ALM provides workflow-driven change management for all Work Items in the software development process. Work Items can be requirements, change requests, bugs and tasks. You get:

- Project Templates
- Configurable workflow
- Query builder and reporter
- Suspect link propagation

COLLABORATION

Polarion ALM is designed from the ground up with collaboration and distributed teams in mind. The built-in Wiki facilitates collaboration on any kind of document-like content. The latest content is always online, and a complete history of every page is kept automatically. Easily display real-time information from the tracker in Wiki pages: open defects, high-severity issues, time-sensitive issues — the possibilities are endless.

EASY TO USE INTERFACE

POLARION ALM is a server-based application. Team members can access the portal over your network from anywhere, anytime, using a web browser or selected thirdparty software (Eclipse, Visual Studio, others).

DEVOPS

DevOps oriented processes and methods help you increase collaboration, reduce production risks, and release your products or services in a more timely manner. Sharing information, plans and requirements amongst the team helps them to respond faster to frequent changes. Sharing tools makes it possible to automate repeated cross-team tasks and reduces deployment errors.

SCM – BASELINING THROUGH ALL ARTIFACTS

Polarion ALM is built atop Subversion, the undisputed SCM leader according to industry analysts. But Polarion ALM goes far beyond simple source code management. Every single project artifact - Wiki pages, requirements, tasks, defects, attachments - is automatically versioned in the repository. You can optionally host multiple repositories too.

OPEN ARCHITECTURE

An open architecture lets you extend the unique platform to suit your needs. For example, use Polarion to sync requirements and test cases with external toolsets, while keeping a tight rein on the process. Thus, a discovered defect can be created and managed by e.g. TestDirector until it enters the "accepted" state, when control is passed to Polarion. Developers analyze and fix it, sending control back to TestDirector when they mark it as "Done".

E-Library > Wiki > IterationStatus

Current Iteration i34

Target release: 1.0
Iteration: i34

Planned for i34	13
* Resolved	1
* Unresolved	12

Browse the detailed iteration plan in [Work Items Tree View](#).

Planned Requirements

Requirements planned to the i34 iteration. These are all requirements assigned i34.

Items assigned to current user "admin" are **highlighted**. In personal view only use are assigned to current user or are implemented by item(s) assigned to current use Links are not filtered at all.

User story	Assignees	To do	In progress	Done
EL-19 - Download the book information	Steve Developer Philip GUI	<input checked="" type="checkbox"/> EL-90 <input checked="" type="checkbox"/> EL-53 <input checked="" type="checkbox"/> EL-52	<input checked="" type="checkbox"/> EL-51	<input checked="" type="checkbox"/> EL-50

Workflow driven collaboration on Wiki

Create Tree Search: All and targetRelease:version1

Role: implements Depth: 3 Direction: Impact Include Com

ID	Title
EL-146	2.1-7 basic user may not be allowed to administrate emporary system.
EL-68	Implement support for configuration file to control permissions
21	EL-68 - Implement support for configuration file to control permission:
EL-139	2.1-6 User should be able to maintain the list of favorite books.
EL-91	Administration section to manage user defined shortcuts
EL-88	Cannot create a query based on more than one keyword
22	EL-88 exception fixed
EL-78	NPE when defining a query and no books are managed in the system

37 items found (20 roots, 35 children), 20 loaded, [Load all](#)

Lite Form (minimal fields shown)

Path : Repository

Info

Revision: 22 [HEAD] Age: 0 minutes Author: System Administrator Total items in dir: 1
Comment: EL-88 exception fixed

Linked Work It

EL-88 - Cannot create a query based on more than one keyword

Changed resources Copy from

Demo Projects/elibrary/trunk/src/main/java/com/polarion/demo/Book.java

Full traceability from requirements to source code

WHY IS POLARION ALM TODAY'S BEST VALUE? COMPARE...

Features	Polarion ALM	IBM Rational Team Concert	HP ALM	MKS Integrity
Work item tracking	✓	✓	✗	✓
Project management	✓	✗*	✓	✓
Build Management	✓	✓	✗	✓
Document centric Requirements Management	✓	✗*	✗	✗
Full traceability	✓	✗	✗	✓
Wiki collaboration and discussion	✓	✗	✗	✗
Web Client	✓	✓	✓	✗
Eclipse and Visual Studio Integrations	✓	✓	✓	✓
SCRUM Support	✓	✓	✗	✗
Embedded Version Control Repository	✓	✗*	✓	✓
Fully documented API	✓	✗	✗	✗
Compliance Self-Assessment	✓	✗	✗	✗
User & workflow driven UI	✓	✗	✗	✓
Based on open standards & frameworks	✓	✗	✗	✗
LIST PRICE 1 named user perpetual license including maintenance	Prices starting at \$649	\$4,350 <small>IBM Rational Team Concert Developer Authorized User Single Install License + SW Subscription & Support 12 Months</small>	\$18,500 <small>HP ALM Global 5-Users pack: \$92,500</small>	\$3,470

* Additional product needed

INDUSTRY BUZZ

“ Tomorrow's ALM is a platform for the coordination and management of development activities, not a collection of lifecycle tools with locked-in and limited ALM features. These platforms are the result of purposeful design rather than rework following acquisitions. ”

Forrester Research:
The Changing Face Of Application Lifecycle Management

“ We are using Polarion for Requirement, Project and Change Management processes and achieved significant improvements at the development of embedded system solutions. ”

Werner Brugger,
Director R&D Design Center Ulm, Atmel Automotive

“ With Polarion we have been able to implement our worldwide distributed development processes to achieve our quality standards and CMMI compliance. ”

Tim Eick, Swisslog

“ Like many organizations we measure our development program and report the measures in a weekly fashion. Pre-Polarion this task was manual, tedious and often erroneous. Most of Friday was spent compiling and checking the reports from current projects. With the introduction of Polarion this process has been reduced. Better still it is dynamic and real-time allowing program transparency at all times. ”

Scott Pyke, CTO Global X

“ We had first looked for a tool just to handle bug tracking and change management in an efficient way, being prepared for a SPICE maturity level of 3. Polarion was the right tool providing the required functionality. Additionally we appreciated the open interfaces and the various possibilities for customizations and extensions. ”

S.Schreiber, Manager Electronics at ASK Industries

“ We have chosen Polarion as optimal support for our Project, Requirements and Change Management processes. In particular, we liked its customization simplicity that allowed us, in a very short time, to plug it into our specific needs for formal fulfillment of the requirements of the CMMI model, whose level 3 certification we are pursuing. ”

Maria Cristina Giaccone, Engineering

Polarion® Software solutions with over **1 MILLION LICENSED USERS WORLD-WIDE** manage many kinds of projects in a broad range of industries.

BOMBARDIER NORTHROP GRUMMAN

Systems OLYMPUS®
FOCUS ON LIFE

ENGINEERING NAVIGON

CATENIC FINANCIAL MANAGEMENT SOLUTIONS **swisslog**

RICOH BURY TECHNOLOGIES

GLOBALX INFORMATION SERVICES **AWD**

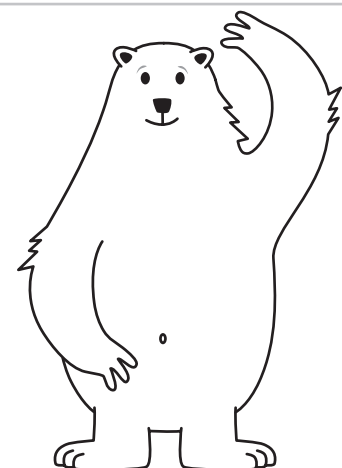
PHONAK hearing systems **SANDVIK**

PHENIX CONTACT **LOEWE.**

Sony DADC Boehringer Ingelheim

SIEMENS **FESTO**

océ **GE** **EADS** U.S. AIR FORCE



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