Cradle-7
From concept to creation...

3SL

Product Range

PRODUCT RANGE HIGHLIGHTS

- APPLIES TO AGILE AND PHASE PROJECTS
- APPLICATION LIFECYCLE MANAGEMENT
- REQUIREMENTS MANAGEMENT
- MODELLING / MBSE / SYSML / UML
- TEST EXECUTION / RISK MANAGEMENT
- FULL LIFECYCLE INTEGRATION
- V&V
- REPORTING / DOCUMENT PUBLISHING
- METRICS
- DASHBOARDS
- PROJECT PLANS
- USER-DEFINED UIS
- CUSTOM WEB UIS
- CONFIGURATION MANAGEMENT
- SINGLE-USER AND MULTI-USER

Integrated Systems Engineering from the Desktop to the Enterprise
Manage all information for the entire lifecycle with full traceability, metrics, quality checks and performance indicators, all linked to your project schedules

Cradle is a complete multi-user solution to manage, trace and document all data in your agile and phase-based projects.

You can capture information from external documents and tools, and track changes. You can build new sets of requirements, analysis, architecture and design models, tests or verifications, and link them to the source data and to each other. You can check the consistency and quality of this information, and prove the integrity of the models and other data with bi-directional coverage and traceability analyses.

You can raise customers' confidence with proof that your work satisfies its sources and constraints, and will meet their needs.

You can easily track progress with metrics and KPIs and link to your WBS and actual progress to your project planning tools.

Manage users' work with user-defined CM, workflows and access controls, and multi-team collaboration and discussions.

Cradle is a complete product range, from single-user requirements management to

enterprise scale, multi-user collaborative environments. All are fully compatible with each other, sharing their architecture, database and I/O formats. You can start with a single-user tool and migrate to the multi-user Cradle Enterprise product, seamlessly and easily.

All Cradle systems include:

- Introductory overview
- Tutorial, to teach the UI
- Start Page of shortcuts in the UI for new users
- A guide to creating and working in a new project
- Example configurations suitable for many different processes, each with its own process guide
- A range of user guides
- Fully indexed, searchable help

Cradle supports all variants of Windows and Linux. Different platforms can be mixed in a Cradle deployment. Cradle servers are

- Supports the full systems development lifecycle at system, subsystem and lower levels
- Integrates in one product features normally spread across separate tools from different vendors
- Completely user-definable and user-extensible with point-and-click UIs
- Manage any information, including requirements, models, risks, interfaces, tests and verifications
- Built-in CM, baselines, formal change control and user-defined workflows
- Scalable to millions of items of information
- Scalable from one to thousands of users
- Web and desktop applications, user-definable UIs
- Rapid deployment facilities
- Embed process in tool UIs, minimised user training

designed to run 24x7, unattended, and need no administration. No routine upkeep is needed.

Virtual servers and clients are supported. Supports IPv4 and IPv6. Cradle may be

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served as SaaS using all popular web and non-web remote deployment tools. Can be served through firewalls and from DMZs.

Includes access, security and licence usage logs, and a range of management reporting tools.

Supported Platforms

Component	Details
Windows	8.1, 10 (32/64-bit) and 11 (64-bit) Server 2012 R2 (64-bit) Server 2016 (64-bit) Server 2019 (64-bit)
Linux	Any 32/64-bit with a kernel ≥ 2.6.32 and ODBC Manager 2.3.7 or later
PDF Viewer	Acrobat/Reader 9 or later
Web Browser	Firefox, Chrome, Edge: latest available
Microsoft Office	2010 SP2 (32/64-bit) 2013 SP1 (32/64-bit) 2016 (32/64-bit) 2019 (32/64-bit) 365 (32/64-bit)
Other Office	OpenOffice ≥ 4, LibreOffice ≥ 5

Deployment

Cradle systems are installed on your computers. Cradle is also available as SaaS in a subscription where you choose the Cradle features required, the number of users to be supported, and how long you want to use Cradle.

Product Characteristics and Features

Characteristics and Features	RM Desktop	RM Pro	SE Desktop	SE Pro	Enterprise	Subscription
Deployment	In-house on your computers				SaaS	
Users	Single-user				Multi-user	
Technical Support	7 days installation assistance				✓	✓
Product Upgrades					✓	✓
Unlimited databases, items/database, user-defined schemas	✓	✓	✓	✓	✓*	✓
User-defined data types / link to external data and tools	✓	✓	✓	✓	✓	✓
User-defined item calculations					✓	✓
Load from external documents / import and export	✓	✓	✓	✓	✓	✓
User-defined queries, views, forms, matrices, pivot tables, graphs, metrics, KPIs and dashboards	✓	✓	✓	✓	✓	✓
User-defined process-oriented UI, customised by user / team					✓	✓
Graphical traceability views / many-to-many & cross-lifecycle transitive links / lifecycle-wide traceability and coverage	✓	✓	✓	✓	✓	✓
Create requirements, issues, verifications, test cases ...	✓	✓	✓	✓	✓	✓
Define risks, produce risk register, generate RAMs					✓	
Automate the execution of tests and record the results					✓	
Quality check and spell check information	✓	✓	✓	✓	✓	✓
Create models (MBSE) / link models to all other information / consistency check models			✓	✓	✓	✓
Performance analyse architectures / reverse engineer software to models / code generate models to software					✓	
User-defined reports	✓	✓	✓	✓	✓	✓
User-defined documents (Word)		✓		✓	✓	✓
Track database items to formal project documents					✓	✓
Publish database to websites / custom web UIs / WSI					✓	
Bidirectional links to plans/schedules	✓	✓	✓	✓	✓	✓
CM system (reviews, baselines, formal change control...)					✓	✓
Change histories with options to reverse edits	✓	✓	✓	✓	✓	✓
User/team setup, LDAP support/user-defined access controls					✓	✓
External tool integration support					✓	✓
API / command line utilities and batch mode support					✓	✓
Multi-lingual databases and UI (de, en, fr, ko, nl, ru, zh)	✓	✓	✓	✓	✓	✓
Messaging and email / collaboration (discussions, comments)					✓	✓

* Optional support for Oracle and MySQL

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