

# TELELOGIC LIFECYCLE SOLUTIONS: SOFTWARE CHANGE AND CONFIGURATION MANAGEMENT

Delivering lifecycle control of your software assets



Would you like to find a way to ensure you hit your delivery dates every time?  
Do you need a better way to manage change across the development lifecycle?  
Do you need a solution that overcomes the complexity of managing distributed  
or parallel development?

If so, look no further than Telelogic SYNERGY™ – the easiest, most intuitive  
way to bring calm and order to the entire development process.

# TELELOGIC SOFTWARE CHANGE AND CONFIGURATION MANAGEMENT SOLUTIONS



Telelogic SYNERGY is a powerful family of tools for task-based Change and Configuration Management (CM). SYNERGY takes CM tools beyond simple change tracking and version management to provide comprehensive lifecycle control for your organization's software development assets. Using SYNERGY's integrated central database, distributed teams can be confident that they are all working from the same page. The result: greater

productivity, higher quality products and faster time-to-market.

**Improve development processes** – An aerospace electronic systems division uses SYNERGY to improve reporting and enhance communication among distributed teams. Integration with Telelogic DOORS®, the world's leading requirements management tool, enables requirements traceability across the entire development lifecycle.

**Accelerate release cycles** – A leading manufacturer of audio-video equipment reduces development costs, improves quality, and accelerates time-to-market with SYNERGY. Projected savings: \$40,000/month.

**Maximize productivity** – A leading global human resources consulting firm raises the productivity of its Web Development Group by 18 percent with SYNERGY, speeding the delivery of Web-enabled services and increasing quality.

## SYNERGY/CM

Telelogic SYNERGY™/CM is the leading task-based software configuration management solution. Designed to help development teams work faster and easier, SYNERGY/CM brings simplicity and efficiency to developers and managers alike. Through a flexible and powerful repository, SYNERGY/CM scales to support large, distributed teams with a proven,

team-oriented workflow approach to software development. SYNERGY/CM is integrated with popular development environments including Microsoft Visual Studio and Eclipse.

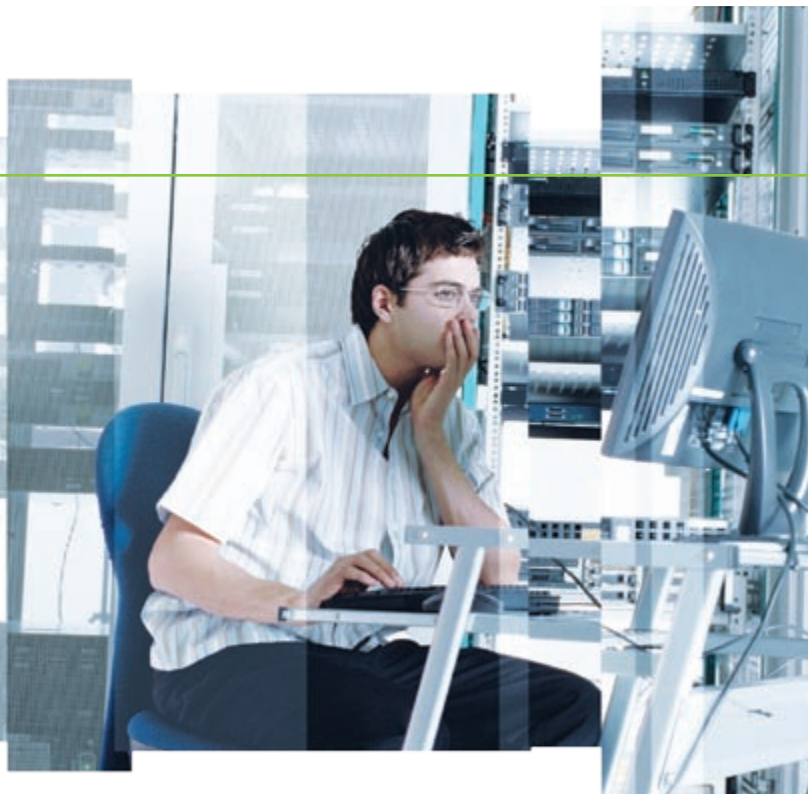
## SYNERGY/Change

Telelogic SYNERGY™/Change is an entirely Web-based and fully integrated change request tracking and reporting system. SYNERGY/Change simplifies the process for change request management and enables organizations to respond to changes from both outside and inside sources. SYNERGY/Change is tightly integrated with SYNERGY/CM enabling software development tasks to be driven by change requests, providing developers with the full context for their work and project managers with visibility of the status of change requests through to their implementation and release in new software builds.

## Telelogic Dashboard

Telelogic Dashboard™ automates the collection, analysis, and reporting of measurement data from SYNERGY/Change. Project managers can extract and leverage existing SYNERGY/Change data and display project status information in a graphical, multi-view format to access project status, risks and trends.





#### SYNERGY HIGHLIGHTS:

- End-to-end change management across the development lifecycle
- Task-based software configuration management
- Support for component-based development
- Advanced release management
- Support for distributed and parallel development
- ActiveCM™ - transparent CM for developers
- Migration from source code control or other CM systems
- Integration with multiple development environments, tools and compilers
- Universal support for any development process or standard

*“With Telelogic SYNERGY, we could quickly and easily identify areas of the software that needed to be changed to meet the new business requirements, and complete the project on schedule.”*

*– Dresdner Bank*

*“Telelogic SYNERGY stands out thanks to its user-friendliness and ease of use. It hides configuration management operations from users, facilitating acceptance and use of change management tools by developers. Telelogic SYNERGY facilitates requirements-driven development thanks to its ease of use and close integration with Telelogic DOORS.”*

*– Yphise*

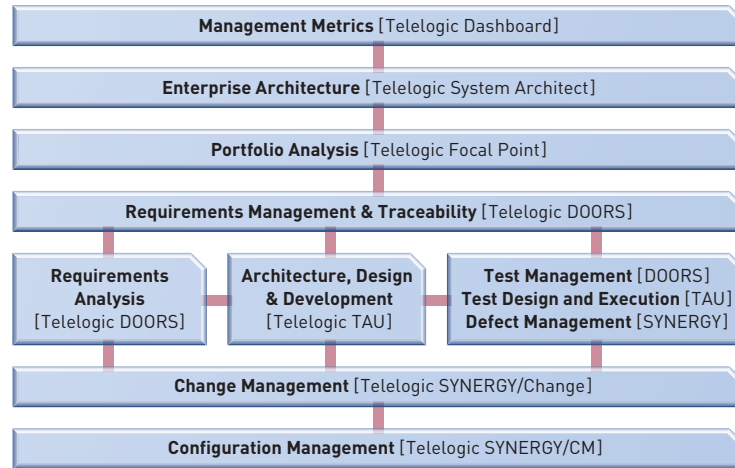
## TASK-BASED CONFIGURATION MANAGEMENT - THE BEST CM PRACTICE

A complex change can impact several files in a configuration. Yet, with a task-based approach you can group and manage them in a single object. With such an intuitive approach, it's no wonder that task-based configuration management has become increasingly popular. Through its industry-leading task-based configuration management support, SYNERGY/CM can efficiently coordinate and communicate the development activities of all your team members.

With its simplified interface and smart CM capabilities, SYNERGY/CM's task-based approach provides:

- Workflow driven by logical changes (such as fixes and enhancements) that would usually span multiple files.
- Configurations created from a baseline plus a set of changes associated with a list of tasks. With this capability, an organization can safely and completely remove a high impact change submitted at the end of a development cycle and incorporate it into a subsequent release. This gives project management total control over the content of a release.

# TELELOGIC LIFECYCLE SOLUTIONS



Telelogic SYNERGY/Change and SYNERGY/CM are key components of a company's lifecycle solutions for advanced systems and software development.

When SYNERGY is integrated with Telelogic DOORS® for requirements management, or other third party development tools, complete lifecycle change management becomes a reality for your organization.

The SYNERGY/CM and Telelogic TAU® G2 integration provides transparent version management, including a version history browser of UML models and easy access to SYNERGY features from within the TAU G2 interface. This flexible integration empowers your systems and software engineers to work more productively, as they complete development tasks assigned to them through SYNERGY.

Telelogic raises the bar further with the integration of SYNERGY/Change and Mercury Test Director for Quality

Center. Organizations of all sizes can quickly and easily organize the transfer of defect data between Test Director and SYNERGY/Change, resulting in consistent management of project defects. This integration can help you increase process quality for development and testing, improve team communication and collaboration, and reduce administrative overhead for project teams.

Visit [www.telelogic.com](http://www.telelogic.com) to learn more about Telelogic SYNERGY, or just ask your development team to tell you how SYNERGY can improve the quality of their development processes as well as streamline workflow and communication.

Telelogic® is a leading provider of software solutions that align advanced systems and software development with business objectives. Headquartered in Malmö, Sweden, with U.S. headquarters in Irvine, California, Telelogic has operations in 18 countries worldwide.

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Requirements-Driven Innovation