

## > TD/OMS



### WHY IS APPLICATION LIFECYCLE MANAGEMENT SUPPORT IMPORTANT WHEN MODERNIZING LEGACY APPLICATIONS?

The process of modernization can be very complex. Despite the implementation of tooling dedicated to application modernization, your data, including old code versions, should be stored, and all changes made to software should be tracked and reported. Application lifecycle management tooling can help you take full control over your modernization project and deliver the old-new application with high quality and without risking data loss or other conversion problems. Deliver on time and within budget while remaining compliant to auditors' or other regulations' requirements.

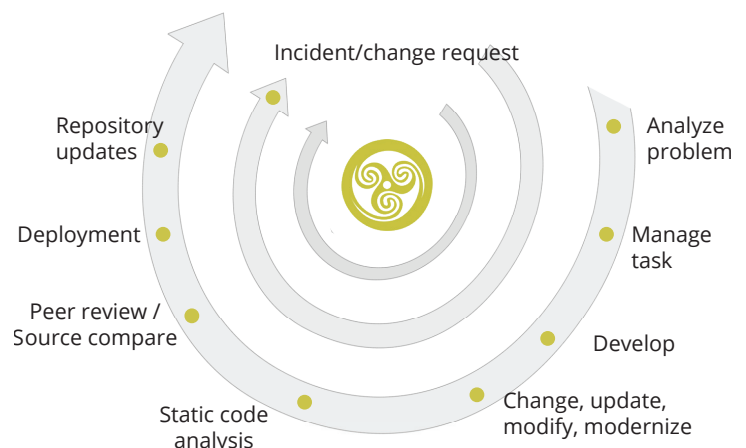
### HOW DOES IT WORK?

Tooling such as TD/OMS will analyze your programs, register the change and copy the program into the developers' sandbox environment. Storing previous versions of your software is extremely important in case something goes wrong, for example when you have to roll back to a previous version of the modernized application. TD/OMS will also keep the track/history of your application for reporting purposes, which also may be required for audit / SOX / ISO / HIPAA compliance. While converting your software to its modernized version, you need version control, test support and release and distribution management. Functionality that will help you get your modernized applications up and running quickly.

### BENEFITS

- Productivity increase.
- Instead of switching through an array of views and functions, all functions are now hooked together by relevancy.
- Reduced cost of software maintenance and modernization.
- Changes can be done much quicker and without the need for manual processes (and with a lot more fun).
- Easy maintenance and support of several software versions.
- In-depth graphical analysis of software assets and application change influence.
- Full control over the change process.
- Stable and secure development and deployment to production environment of a modernized software.
- Control and storage of application versions with source compare and merge and peer review functionality.
- Protected investments .
- Laws, regulations and auditors compliance.

### APPLICATION LIFECYCLE MANAGEMENT TO SUPPORT YOUR MODERNIZATION PROJECTS



# Innovative DevOps solutions for IBM i for today and the future

## TD/OMS and X-Analysis integration

The core of the solution is industry-leading analysis and documentation from X-Analysis (Fresche Solutions) provided through Fresche's open API. Through a sophisticated interface, it combines with Remain Software's TD/OMS and benefits from extensions to IBM's RDi LPEX editor. The result is an ultra-modern industry standard in development and management of IBM i applications. This unified ALM workflow solution provides developers with powerful impact analysis and automated code review during promotions to help maintain standards and resolve problems before they reach QA or production. Graphical analysis and documentation provide visual understanding for unfamiliar application areas with objects and code ring fenced for projects and assigned tasks. By integrating these features into the highly configurable but easy-to-implement TD/OMS ALM solution, developers have access to all the code analysis information they need, while the workflow is automated and controlled to provide consistent quality and productivity.

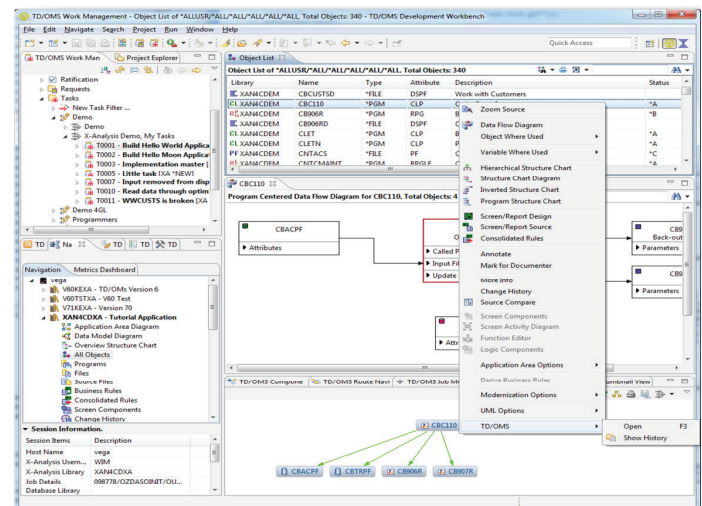
## HOW DOES INTEGRATION BETWEEN TD/OMS AND X-ANALYSIS WORK?

1. A Change Request is registered within TD/OMS.
2. Analysis of software assets changes impact on the software environment with graphical tooling.
3. Creation of tasks that contain the impacted software components.
4. State-of-the-art change/compile/fix development workflow under TD/OMS control.
5. Application change, modernization and transformation by integrating X-Analysis in the development workflow.
6. Static code analysis with X-Analysis.
7. Code analysis with TD/OMS' peer review functionality or TD/OMS' source compare/ratification module.
8. Stable and secure deployment to production environment with TD/OMS.
9. TD/OMS and X-Analysis repositories' updates.

*We're prepared for your next step*  
**CONTACT US TO LEARN MORE**

## FEATURES

- Seamless integration.
- X-Analysis artifacts are connected to TD/OMS.
- Drill down in X-Analysis from TD/OMS artifacts.
- TD/OMS will keep X-Analysis repositories in sync.
- Create TD/OMS tasks from X-Analysis with one mouse click.
- Runs TD/OMS' interactive impact analysis directly from X-Analysis.
- X-22E Analysis is a powerful tool for complete extraction, analysis and documentation of CA 2E model architecture.



"Changing large business applications requires that you have detailed insight in the internals of the application. Many shops exclusively work with the tooling that IBM provides. To find information, people default to source scanning, displaying database relations and programming references. Deployment is a manual and laborious task. In a sense this is a lot like driving in the dark on an unknown road. When you find yourself in this situation, you should invest in tooling that, just like in your car, helps you navigate and brings you to your destination in time."

— Wim Jongman, Chief Technology Officer,  
Remain Software

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