



> TD/OMS FUSION PRO

SOURCE COMPARE AND MERGE

When customers start to maintain their own version of the ERP system it slowly drifts away from the maintained version of the supplier. In many cases, retrofitting custom changes back into the supplier version proves to be labor-intensive process which combined with the lack of commonly available testing tools, still presents a problem. Therefore the need to perform laborious manual integration testing has led to the adage "If it ain't broke, don't fix it." That's how vendor software versions were put on shelf and how companies usually stopped upgrading their applications with changes from the supplier. When the need to move to a newer version arises (for example when an upgrade would bring significant benefits to a company's operations), the customer faces a major challenge. We wanted to meet their needs, so we developed TD/OMS Fusion Pro.

TD/OMS FUSION PRO

The Remain Software solution TD/OMS Fusion Pro, which is part of the TD/OMS application lifecycle management framework, allows a comparison of complete libraries of sources. The process is divided into two steps. After isolating user and/or supplier changes from the base, the user gets a clear vision of the differences. From this point on a merge between original and changed source can be done. The first annotated merged version is a source which can be compiled but it has all the details of the merge in it so that the developer can see exactly what happened and revert or replace older lines. The source can also be left annotated. If a problem in test or production is found, the annotations can help developers to find the cause of the error. Finally a command is run to clean the annotations, leaving the user with the final source. After the merge, users can test its correctness by compiling the sources, which will confirm if the merge was a success from a technical point of view and if the application runs correctly.



If the modified application including retrofitted changes runs in the bigger environment, TD/OMS and its graphical impact analysis module can show how the different components in the system interact, what files are read by which programs, or what "foreign" logicals are created over the supplier's physical files. Therefore, TD/OMS Fusion Pro as a part of TD/OMS allows the user to conduct a fast, effortless, stable and successful upgrade of the application that will work properly.

Not only can the automation of retrofitting vendor changes be done with Fusion Pro, but developers can also work on different versions based on the same ancestor, which is referred to as "dual maintenance" or "branches."

TD/OMS Fusion Pro can be used as a standalone source-compare and merge product or as a part of Remain's IBM i application lifecycle management framework, TD/OMS.

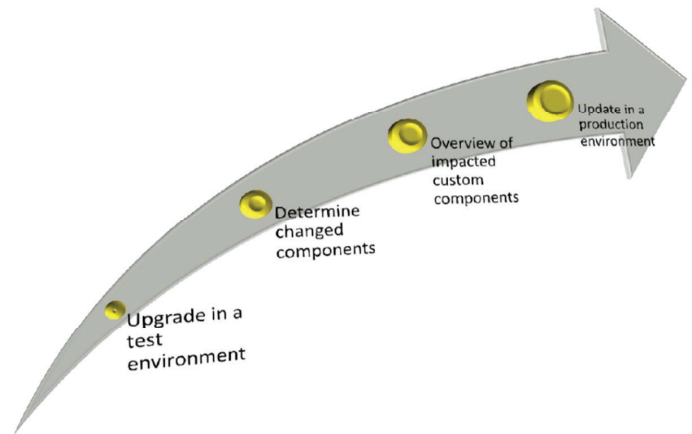
> **Fast, effortless, and successful application upgrade with TD/OMS Fusion Pro**

Innovative DevOps solutions for IBM i for today and the future

THE PROCESS

With TD/OMS Fusion, the process of third-party software updates is very simple.

1. The first step is to upgrade a TD/OMS monitored installation of the third-party software application in a test environment. This upgrade can be done using the third-party upgrade utility or with the TD/OMS upgrade installer.
2. The TD/OMS object analysis function determines new, changed and phased-out components and adds these to a TD/OMS task. This provides a complete overview of all impacted components within the third-party application.
3. TD/OMS analyzes the changes of the third-party application and determines which custom components are impacted by the update.
4. The user is ready to start changing the software to be in line with the new version of the third-party application.
5. The final step is to update the off-the-shelf application in production and move the retrofitted changes to the local production environment.



TD/OMS Fusion Pro Benefits

- Positive impact on management of all applications used by any organization.
- Streamlined work of IT managers, DevOps and software engineers.
- No problems with applications' customization process or future updates.
- Reduction of time spent on off-the-shelf applications' change management.
- Minimization of conflicts between applications.



We're prepared for your next step
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