

Gekkobrain

Software for Reliable SAP



The SAP HANA impact on custom code

Migration of your SAP business systems to the SAP HANA database, and S/4HANA requires certain changes in your custom code. These changes are of two kinds (1) the changes due to the change in the database to HANA (2) the changes due to the simplifications introduced by SAP in S/4HANA.

The remediation of your code for these changes can amount to manual effort of several person years. It has a potential to delay and derail your migration project if the right tools and approach are not used.

Gekkobrain has helped many customers successfully migrate their custom code to SAP HANA and S/4HANA.

Gekkobrain for SAP HANA/S4HANA - readiness

The Gekkobrain for SAP HANA readiness tool analyzes and automatically remediates your custom code, so it is migration ready whether you are migrating to Suite on HANA or S/4HANA.

Your custom code need not be an obstacle in your journey to SAP HANA

Using Gekkobrain, our customers have consistently achieved 90% of time savings and 75% of cost savings in their SAP HANA migration journey.

Custom code analysis

Gekkobrain runs an initial scan to find the code issues in relation to

the SAP HANA database and the simplifications in S/4HANA. Its proprietary algorithm filters the results and shows exactly how much code it can fix automatically, what needs manual attention, the amount of code can be decommissioned, and the manual effort required to fix the code.

Automatic code fixing for the SAP HANA database

Gekkobrain automatically fixes more or less all mandatory HANA issues in your custom code (priority 1), along with 95% of the relevant performance related issues (priority 2)

The code is fixed with one click and the changes are imported via an SAP transport. The changes are checked for syntax and data consistency to ensure the highest quality outcome.

S/4HANA assessment

Gekkobrain performs a separate S/4HANA readiness assessment and automatically applies the simplification list to identify the code you need to change and the notes you need to refer to for the changes. Thus, it saves you hundred of hours of manual effort going thru thousands of pages of documentation to figure out the S/4HANA compliance issues.

It also allows you to group your code into solution components for analysis, management, and decision making when it comes to migrating only what makes sense to S/4HANA.

Task and project management

Gekkobrain features an automated project management tool, which will keep track of the issues, that need manual attention. As they are fixed, Gekkobrain will check that they are HANA compliant and mark them as completed. This takes the hassle out of trying to manage many small tasks of maybe 15-30 minutes each.

Feature summary

- Code analysis - How much code needs fixing, filters away unused code, filters for impact
- Estimation – know the efforts required for migration beforehand
- Automatic Code Fixing – Fixes mandatory & performance issues

- Project management – Tool to manage, and track the remaining manual work
- Both S/4HANA and SAP HANA database related assessments
- Group the code by solution components for easier analysis of S/4HANA simplifications
- Availability of APIs to access data via other third-party tools
- Intuitive and user-friendly UI

Business benefits

- Greatly improve the success rate of Suite on HANA, and S/4HANA migration projects by precisely knowing the custom code remediation effort beforehand
- Reduce code conversion time from months to weeks or even days
- Save ongoing maintenance effort by decommissioning unused code
- Achieve up to 75% of cost reduction by automating code conversion
- Achieve highest quality and reduce the testing and rework effort by automation
- Efficiently manage conversion project by using the integrated project management tool

Installation and support

- Cloud hosted application
- Installation of only small ABAP extractors on the host system
- Excellent installation hand-holding and support service
- Option to install locally in your landscape instead of the cloud

License

HANA Readiness Assessment

HANA readiness assessment is a one-time assessment of your SAP Custom Code for HANA and S/4HANA migration.

Full License without DevOps

The full license gives you access to the Gekkobrain Cloud application and Gekkobrain Codefixer.

Full License with DevOps

In addition to what you get with Full license, the DevOps license gives you access to the DevOps functionality for your ABAP code.

Other Gekkobrain product

With core philosophy of find and fix issues fast, [Gekkobrain DevOps](#) helps you drive better SAP ABAP performance.

Gekkobrain DevOps provides better ABAP visibility by unifying SAP development and operations. Gekkobrain provides actionable insight into how your custom code is performing in production by applying proprietary algorithms on the collected development and operations statistics.

Gekkobrain DevOps for SAP analyzes how your code performs in the productive environment, it finds unhealthy dependencies and bad code and either fixes it automatically or advises on how to fix it.

FAQs

- Does Gekkobrain work for both HANA and S/4HANA assessments and remediation?**

Gekkobrain will perform two separate assessments (1) for changes related to the HANA database (2) for the changes related to functional changes in S/4HANA application

- We are more than six months away from starting our HANA migration project. How does Gekkobrain help us now?**

Your developers can use Gekkobrain to make sure any new code being developed or any code that is updated is HANA ready. Hence it helps you stop the bleeding.

A better way to approach this is to use Gekkobrain DevOps.

Gekkobrain for HANA is bundled with the Gekkobrain DevOps tool. When you buy a license of DevOps you get the HANA assessment and remediation for free. In addition to the other benefits HANA assessment, you can also enjoy the benefits of Gekkobrain DevOps.

- How long does it take to get going with the tool?**

You can install the code snippet in less than two hours. It will take about a day to generate the assessment.

- How much of code can be fixed automatically by Gekkobrain?**

We have experienced on average 80-90% of relevant issues can be fixed automatically.

- Should we fix all HANA database related issues even when we are migrating to S/4HANA?**

You may choose to fix all HANA related issues but you need not. In most cases, you will not migrate 100% of your code to S/4HANA.

Your ABAP, and functional teams can work together to identify the code that will be carried over to S/4HANA and fix only the relevant code.

- We have thousands of custom ABAP programs. Does Gekkobrain help us track the progress of our HANA adaptation project?**

Gekkobrain has a built in Project management tool that lets you manage your HANA adaptation project.

- I want to engage Gekkobrain for HANA readiness. How does your typical engagement work?**

Typically, the first step is to get the readiness assessment done by paying a small fee. Once you understand the number of issues and the quantum of effort involved, you may decide to buy the full-license and go for HANA readiness.

- Does the tool calculate the level of effort and/or provide some sort of LOE estimation? If so, how?**

The tool estimates manual effort required to fix each issue. The calculation is based on data collected working with several real customers. You may choose to use the Gekkobrain Codefixer to fix most of priority 1, and priority 2 HANA issues automatically.

About PrideVel

PrideVel is an SAP Services Partner providing SAP implementation and support services to SAP customers across all industries.

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