



OpenFrame FAQs

OpenFrame is a complete mainframe rehosting solution that lets you take (lift) your existing mainframe assets and move (shift) them to an open system platform, quickly and with minimal risk. This helps your business save on costly mainframe contracts and more effectively leverage critical data, while gaining a more flexible and transparent environment.

What is rehosting?

Rehosting is a way to preserve valuable application business logic that is stuck on proprietary hardware such as mainframes and software by moving it to an open system, public or private cloud environment.

What languages does OpenFrame support?

OpenFrame has native support for COBOL, PL/I, Assembler, JCL, Shell Scripts, Easytrieve Plus, and more.

What cloud vendors do you work with?

AWS, Microsoft Azure and Google Cloud. We also have a private cloud solution optimized on Dell EMC.

Does OpenFrame work with VMware and Docker?

Yes, OpenFrame can exist in a virtual environment and/or in a container.

What operating systems does OpenFrame support?

All Linux or Unix operating systems.

What databases does OpenFrame support?

Most Relational Database Management Systems (RDBMS), including our own Tibero, as well as Oracle, MS SQL and DB2 LUW, AWS Aurora and others.

What happens to my JCL?

JCL is migrated as is into the OpenFrame environment, no changes are required.

Does OpenFrame support third party applications?

OpenFrame recompiles the original source code. In many cases, third party vendors are reluctant to share their original source code which can be an impediment. However, many third party applications, including schedulers, often have Linux versions / open systems applications available that can integrate with OpenFrame.

Does OpenFrame support DB2?

Yes, but after the migration you would move to DB2 LUW or another RDBMS of your choice.

Does OpenFrame support major online subsystems IDMS-DC, IMS-DC and CICS?

Yes, OpenFrame supports these online subsystems natively.

Does OpenFrame support VSAM, IMS-DB and IDMS-DB?

Yes, OpenFrame supports these natively.

Does OpenFrame support RACF, Top Secret and ACF2?

Yes, OpenFrame supports these access control solutions natively.

Does the original mainframe code convert into another language?

No. All code remains intact in its original programming language and is fully editable and deployable after rehosting.

Who hosts the code after the migration?

You or your system integrator (SI) will continue to maintain the code as you do today – just on a new open systems platform.

Can OpenFrame run on Windows?

Yes, OpenFrame can support a Windows environment.

Does OpenFrame integrate with GitHub?

Yes, OpenFrame supports GitHub and other modern DevOps solutions.

What happens if we don't have source code for our application?

OpenFrame requires source code since it recompiles the code and creates new binaries for Linux. If you are missing source code for a few applications, they can be rewritten in COBOL or other languages during the project.

How long does a migration take?

OpenFrame projects last from 6 to 12 months on average depending on size and complexity of the migration. Our automated assessment process can provide a return on investment with minimal effort.

Do I have to migrate the entire mainframe, or can I move over one application at a time?

You can do either approach. We have experience doing complete migrations to OpenFrame that eliminate the mainframe, in addition to phased migrations of application by application. Applications which are migrated to open systems using TmaxSoft OpenFrame will continue to integrate with other applications still on the mainframe, ensuring continuity of service with no downtime.

Can OpenFrame scale to meet future needs?

OpenFrame can scale both horizontally and vertically to support over 100,000 MIPS.

How is OpenFrame licensed?

OpenFrame is licensed by core or by virtual core in use. We also have options to provide licenses in a subscription or OpEx mode too.

What kind of savings does OpenFrame offer compared to my current spend?

Our OpenFrame customers typically save between 50% and 75% of your current annual mainframe run costs.

How can I receive a quote?

It's easy. Connect with [our team](#) to answer some questions to get a high level quote.

What do I need to bring to my first meeting?

General knowledge of your system (MIPS, languages in use, ideal target platforms, third party products in use) and the ability to connect to a web meeting platform.