AT A GLANCE

Heirloom PaaS is the *only* software platform available that automatically replatforms mainframe applications so they execute on Java Application Servers, while preserving critical business logic, user interfaces, data integrity, and systems security.

HEIRLOOM PaaS BENEFITS

Enable Digital Transformation

Make mainframe applications part of digital transformation initiatives, not a barrier to them. Move faster & compete.

Fast, Accurate

Heirloom PaaS automatically transforms (recompiles) mainframe applications into Java with 100% accuracy, guaranteed.

A Complete Mainframe Platform

Languages (COBOL, PL/I etc), OLTP, Batch (JCL), Utilities, Data, Security.

Increased Business Agility

Execute on-premise or in any cloud. Integrate & extend the transformed applications with powerful open application frameworks.

Built For The Cloud

Cloud-native deployment delivers *application elasticity* (the ability to dynamically scale-out and scale-back), *high availability* (always accessible from anywhere at anytime), and *pay-for-use* (dynamic right-sizing of capacity for efficient resource utilization).

Cost Reduction

Replatformed applications can cut your operating cost by 90%.

THE CHALLENGE

The Mainframe: Essential, Archaic, Constrained, Expensive, Aging

Mainframes are reliable, pervasive, and many enterprises have relied on them for decades to provide the transactional backbone for the business. Today however, that proud legacy is increasingly burdensome.

These vital systems are severely and systemically constrained, adhering to an archaic computing model that impedes agility. This is compounded by excessive operational expenditure, and an ever-aging, depleting skills pool.

Cloud Computing

Cloud computing is now mainstream within the enterprise. It is a vehicle that underpins digital transformation, agile delivery of new services, and dramatic cost savings.

Act Now To Compete, Do Nothing & Die

Competition within markets is always fierce, but new competitors to established companies are emerging fast, unhindered by constraints of a legacy IT infrastructure. They are built on scalable open source frameworks, and draw upon world-class talent emerging from vibrant communities.

Mainframe applications are the systems-of-record. They are composed of complex business logic representing the company's core market differentiators. If established enterprises are to effectively compete, these systems must be part of any transformation strategy.

THE SOLUTION

Transforming The Monolith

With Heirloom PaaS, mainframe applications that were monolithic, closed and scaled vertically, can quickly & easily be transformed (recompiled) so they are now agile, open and scaled horizontally.

Unmatched, Patented Compiler

Heirloom Computing has revolutionized replatforming of mainframe applications with a patented technology that automatically produces 100% Java with guaranteed accuracy.

Agile Cloud-Native Applications You Can Deploy Anywhere

Heirloom PaaS applications are cloud-native and deployed to industry-standard Java Application Servers (on-premise or to any cloud), avoiding vendor lock-in on proprietary platforms. Development continues with state-of-the-art Eclipse tooling, automatic exposure of interfaces as web-services, and seamless integration with powerful open application frameworks.

A FLEXIBLE SOLUTION THAT PUTS YOU IN CONTROL

PROCESS

Guaranteed Success, No Excuses

Heirloom Computing has decades of real-world experience delivering hundreds of successful transformation projects for Global 2000 clients. We are known for our flexible blended engagement model, where we utilize the respective strengths of the client's organization, Heirloom staff, Heirloom's partner network, and the unique capabilities of Heirloom PaaS to deliver projects quickly and accurately. In contrast to re-engineering solutions, we can typically complete projects 2-3X faster.

Discovery

With comprehensive tool-assisted discovery, this phase provides clear project scope & objectives, as well as initial capacity planning for building the optimal target environment.

Application Replatforming

Heirloom PaaS is unlike any other software platform. It replatforms workloads in a single-step, without the need to build abstract models from which to generate new applications.

Application artifacts (code, data, user-interfaces, security profiles etc) are seamlessly mapped to Java Application Server equivalents.

Testing, Staging & Deployment

Transformed applications are available immediately, and because they are guaranteed to exactly match the functionality and behavior of the original mainframe applications, testing, end-user staging, and deployment phases are significantly accelerated.

ADDITIONAL BENEFITS

Java & Open Systems

With over 20 years of innovation, Java is a phenomenal application platform, and Heirloom PaaS fully exploits it. Today, Java is the de facto strategic choice of large enterprise. It runs everywhere, it is the engine of the cloud, and it delivers highly extensible elastic (scale-out and scale-back) applications.
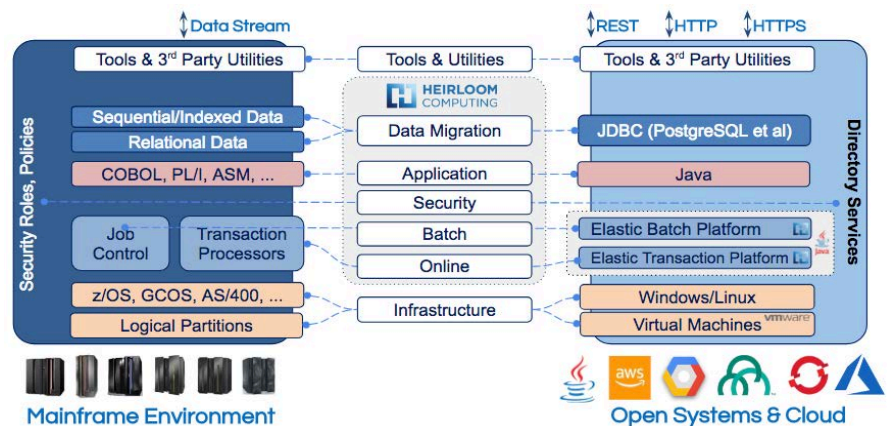
Any Cloud

Heirloom PaaS works on any cloud with a Java ecosystem. This includes Amazon AWS, Google Cloud Platform, Pivotal Cloud Foundry, Red Hat OpenShift and Microsoft Azure.

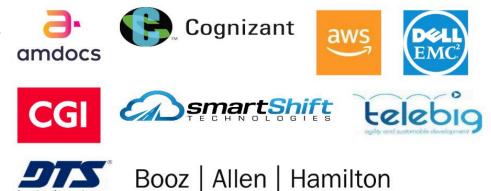### Agile Development With Available Skills

Heirloom PaaS retains both the original code (COBOL, PL/I etc) and the transformed Java code. This incredible flexibility enables on-going development to continue using state-of-the-art Eclipse IDE plug-ins in the languages that are optimal for the business, with consistent deployment to Java Application Servers.

REFERENCE ARCHITECTURE

PARTNERS

Heirloom Computing's partner ecosystem delivers exceptional services to ensure your transformation project is delivered successfully.

GETTING STARTED

Visit heirloomcomputing.com to see for yourself how Heirloom Computing automatically replatforms mainframe applications into 100% Java with guaranteed accuracy, while preserving function and behavior. Within days, your mainframe application can be running on the cloud, resulting in dramatic cost savings and increased business agility.