The future belongs to z

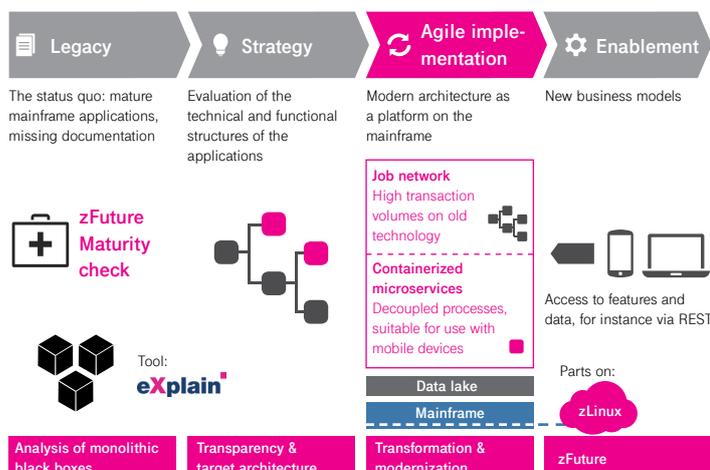zFuture—tomorrow's mainframe

zFuture—mainframes for the modern era

For years, mainframes remained the technology of choice for business-critical applications with high transaction volumes. In recent years, however, cloud-based services have brought sweeping changes to enterprise IT. With the right mainframe strategy and new technologies, highly available and high-performance big iron is a logical evolution. It unites the strengths of both worlds and serves as a foundation for digital transformation.

zFuture from T-Systems is an agile solution that lets you modernize applications on the mainframe incrementally. In other words, you can migrate parts of a legacy application to a zLinux cloud using containerized microservices. A RESTful interface provides access to data and features so they can be used for new approaches including blockchains, artificial intelligence, and big data.

Agile modernization in short cycles

Holistic, incremental approach from strategy through implementation →

Legacy	Strategy	Agile implementation	Enablement
The status quo: mature mainframe applications, missing documentation	Evaluation of the technical and functional structures of the applications	Modern architecture as a platform on the mainframe	New business models

Job network
High transaction volumes on old technology

Containerized microservices
Decoupled processes, suitable for use with mobile devices

Data lake / Mainframe

zFuture Maturity check

Tool: eXplain

Access to features and data, for instance via REST

Parts on: zLinux

Analysis of monolithic black boxes	Transparency & target architecture	Transformation & modernization	zFuture

zFuture use cases
Examples of enhanced business value

Monetizing data
Using mainframe data for modern interfaces via a RESTful API to implement new business models, such as an app for digital payment services.

Cutting time-to-market
Bring products to market faster by using agile software development and containerization. Secure, high-performance services continue to run on the mainframe and exploit its advantages.

Integral cloud component
zLinux as a modern cloud environment on the mainframe with better utilization. Implementation of attractive technologies such as apps, chatbots, and blockchains.

Creating a talent pipeline
Training junior employees in the zMaster program, for instance, to ensure long-term access to the skills needed to operate traditional and modern mainframe technologies.

Let's get started today.
zFuture Maturity Check

1) Defining the scope of the Check
2) Surveying and assessing your existing systems to determine the zFuture maturity level with respect to IT architecture, technical application structure, functional application structure, methods, and tools

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