MAINFRAME MODERNIZATION

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MHP Azure Mainframe Modernization: Future-Proof Your Legacy Systems

Transform your mainframe into a flexible, cloud-native solution with MHP's expert guidance. Reduce costs, enhance agility, and stay ahead with future-ready infrastructure.
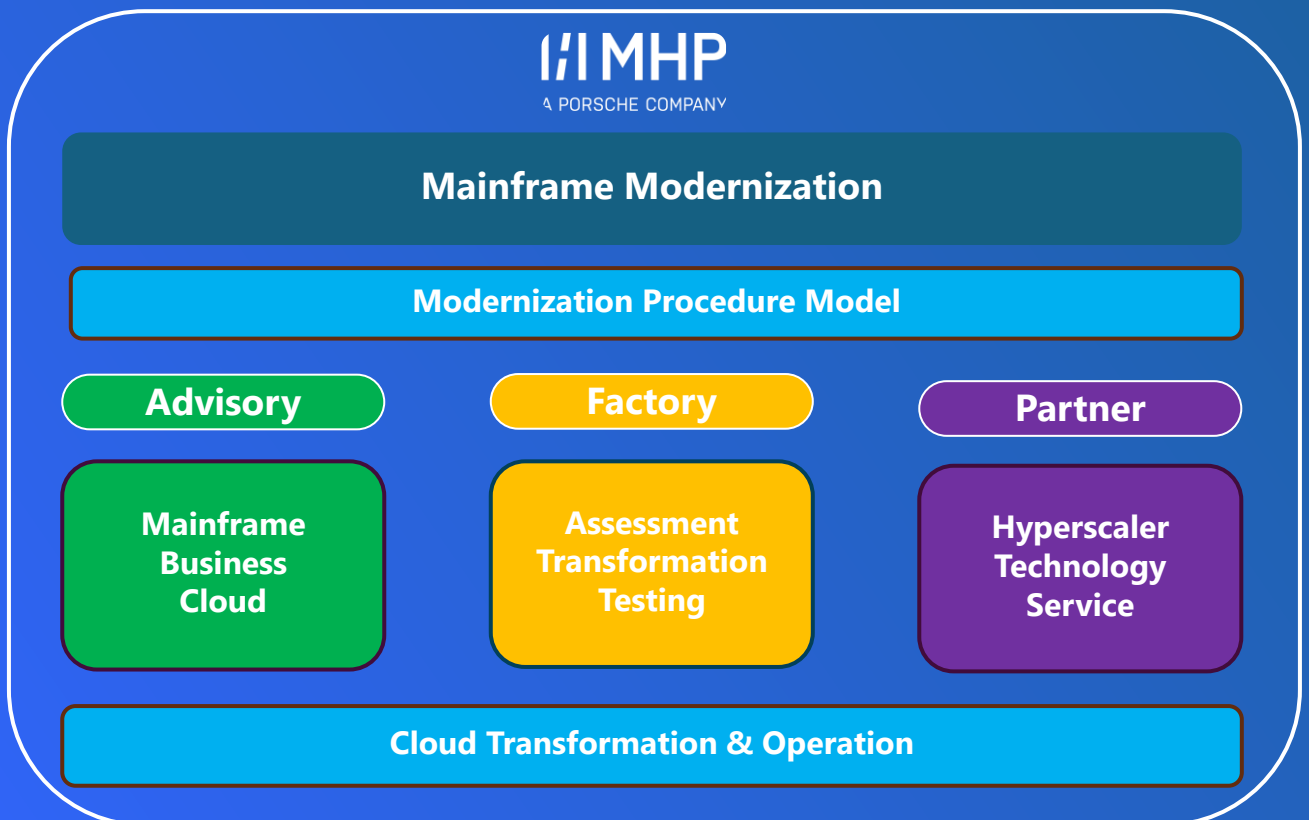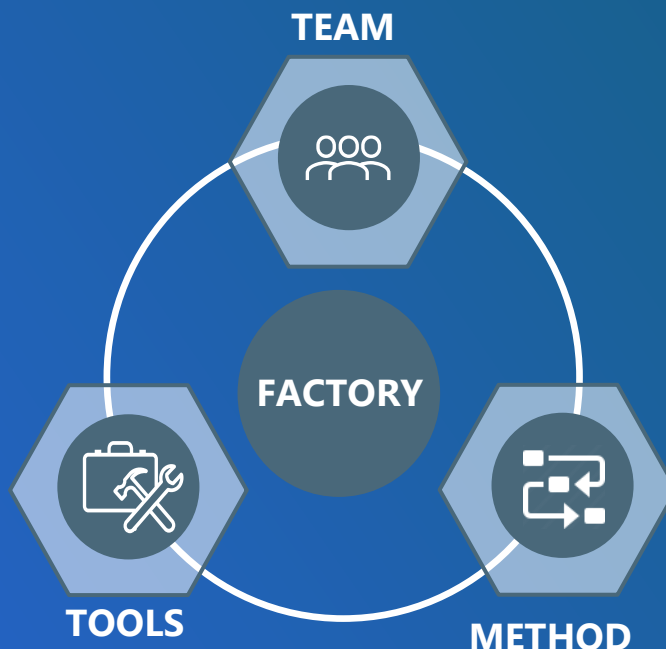

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MAINFRAME MODERNIZATION

MHP has designed a **comprehensive procedural model** for **modernizing mainframe systems**, enabling customers to **enhance** their **technological capabilities, improve operational efficiency,** and optimize **performance** for sustainable future **growth**.

Customer

Business Strategy

IT Strategy

Mainframe Assets

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Mainframe Modernization

Modernization Procedure Model

Advisory

Factory

Partner

Mainframe Business Cloud

Assessment Transformation Testing

Hyperscaler Technology Service

Cloud Transformation & Operation

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MAINFRAME MODERNIZATION

Implementing a factory approach by breaking down the modernization approach into smaller, manageable modules, allowing for parallel processing, specialized focus on individual components, and scalable execution.
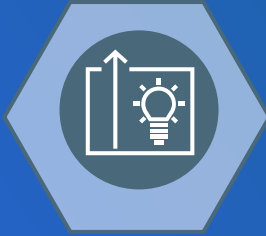

TEAM

FACTORY

TOOLS

METHOD

Assessment Factory

Duration: 4-8 Weeks

Team: Experienced Mainframe Experts

Method: Highly automated processes for scalable execution

Tools: Standard and self-developed tooling for analysis

Output: Portability and risk assessment with requirements for target cloud environment. Project scoping and PoC/Pilot baseline

Transformation Factory

Duration: 6-36 Months

Team: Experienced Mainframe and Cloud Experts

Method: Automated and manual processes for code and data transformation

Tools: Standard and self-developed tooling for application and data transformation

Output: Infrastructure as Code for on-demand scaling and easy knowledge transfer

Test Factory

Duration: Tightly coupled and in parallel to the transformation

Team: Experienced Test Engineers

Method: Depending on Degree of customer automation, Creation, and execution of test cases
- Automated mass-testing

Tools: Customer or standard test tooling

Output: Tested and deployment-ready application
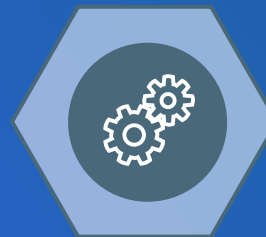
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MAINFRAME MODERNIZATION

ASSESS

Discovery Workshops

Roadmap / Pattern&Tools Selection

Initial Business Case

Mainframe Asset Analysis

PoC / Pilot Identification

Cloud Provider Funding

PLAN

Planning Workshops

PoC / Pilot Execution

Cloud Architecture & Tooling

Migration Plan

Final Business Case incl. TCO

Operating Model

EXECUTE

Transform Application

Transform Data

Docu-mentation

Cloud Landing Zone

Testing

Training & Coaching

MANAGE

Operate & Optimize

Security & Compliance

DevSecOps CI/CD

Automation

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