

Mainframe Modernization to Azure

Key Message Modernize legacy mainframe infrastructures and applications to enable Digital Decoupling and bring Agility to Operations

Business Need



Our key customers have **legacy mainframes**.

Applications on these mainframes can be **rehosted** or **refactored** (converted) and **hosted in Azure**.

Legacy mainframe apps are

- **Risky**
- **Expensive**
- **Inflexible**
- **Difficult to maintain** - with many legacy languages (like Assembler, Easytrieve, Gen, Natural, PL/I, Telon) and databases (like Adabas, Datacom, IDMS, Db2, IMS, VSAM, etc.).

Customer **want to transition** away from legacy systems to modern environments that leverage **Cloud, DevOps, data warehousing and agile development methodologies**.

Value Proposition



Reduce cost by moving Off Mainframe to Azure.

- Major cost savings (many \$Ms) by retiring mainframes, and/or
- Reduce MIPS usage on the mainframe to reduce cost.

Increase agility

- To reduce **Time to Market** of application changes
- Gain **Competitive Advantage** through faster app releases
- Get easier access to **Data for Business Insights** and **Digital Decoupling**

Reduce Risk

- **Solve Skills Shortages** by moving from legacy languages and databases to modern equivalents

Solution Approach

- **Assessment:** Understand the application, infrastructure, and operational components of a mainframe environment
- **Leverage free Discovery services** from Advanced to obtain free ROM Project Timeline / Cost Estimate.
- **PoC** to evaluate performances/feasibility.
- **Automated Refactoring:** Turnkey modernization of procedural and 4GL codebases to object-oriented C# or Java.
- **Automated Rehosting:** Application refactoring, consolidation, and data migration to the languages and databases.
- **Data Migration:** Migrate legacy data and databases to relational models through automation.

Credentials



Accenture and Avanade

- MPS Mainframe replatforming including PL/I to COBOL for a major Italian Bank
- zSeries decommissioning to RedHat Linux, COBOL and JCL to Java transformation for 500.000 lines of caode at an Leading Insurance Company
- Currently starting mainframe to Azure Modernization for an European Car Manufacturer

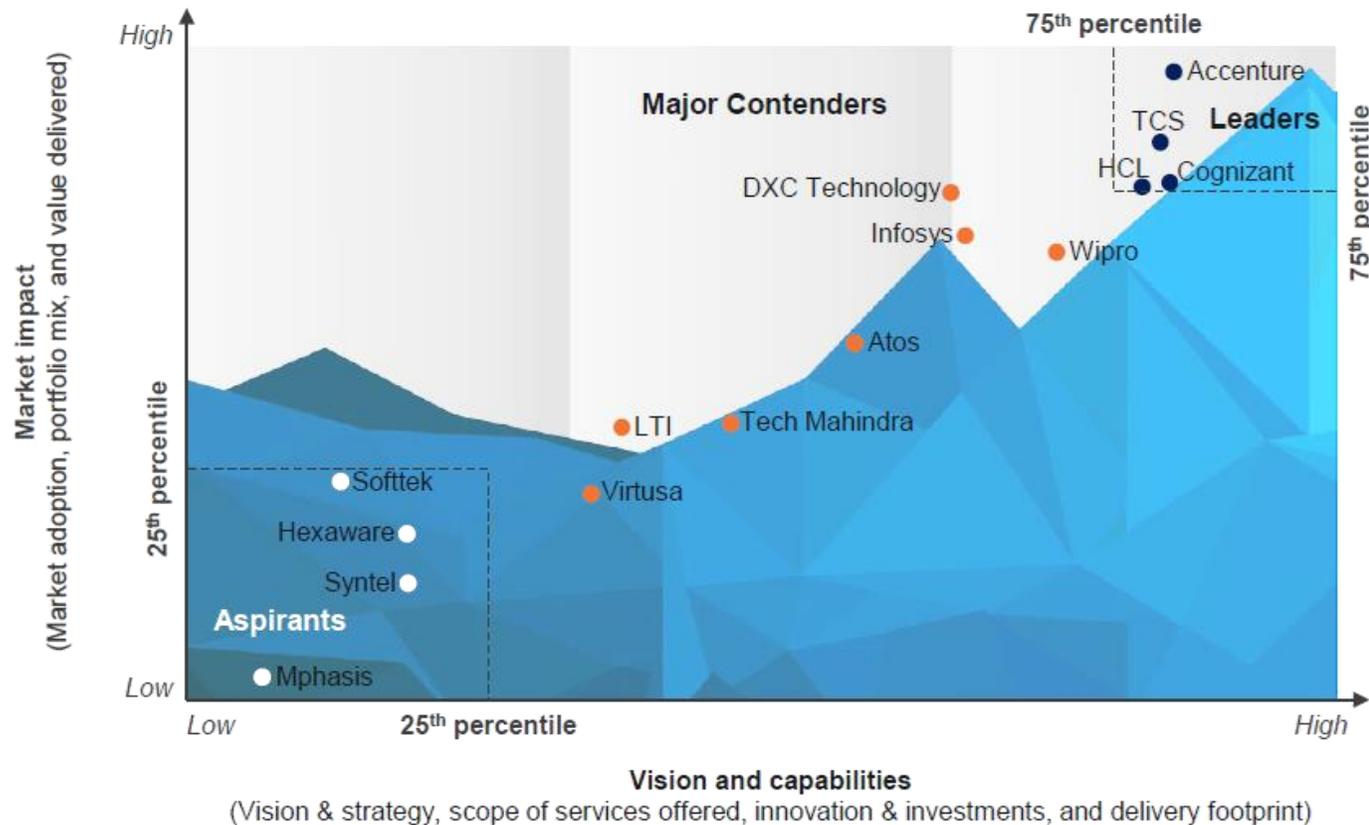
Our differentiators



- **Microsoft prepared to fund** any/all of above (on application).
- Our strong partnerships (Accenture, Advanced, etc...)
- Our Azure certifications
- Our knowledge of the Azure Platform
- Our onshore and offshore development capabilities
- Our IP is faster than alternative approaches.
- Doing projects since 1983 – we are more experienced than competitors.
- Over 500 successful projects – we are more successful than competitors.

Avanade is a part of Accenture which is a leader in Mainframe Modernization services

Everest Group PEAK Matrix™ for application modernization services



According to Everest Group...

- Accenture is a "Leader" in application modernization services.
- Accenture has "best-in-class" vision and strategy, along with innovation and investments.
- "Accenture's leading *Market Impact* is driven by market adoption, portfolio mix, and the value delivered measured through client satisfaction levels."
- "Clients cite its proactive approach and extensive technical knowledge as strengths."
- Accenture "leverages its consulting-led approach to identify opportunities for modernization and recommend relevant solutions to clients."
- "Accenture characterizes application modernization as a way to help organizations extend the useful life of legacy systems or fully transform applications with new technologies and digital capabilities to grow their business. Its services help clients modernize their current application portfolios and make them future-ready to respond to ever-changing business needs."