

Mainframe Services Provider Compendium 2022

December 2021 : Complimentary Abstract / Table of Contents



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Tracking: service providers, locations, risk, technologies

Locations: costs, skills, sustainability, portfolios

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Background of the research

Despite many heralding the end-of-the-road for mainframe systems, these continue to be critical components in enterprise IT. They are still considered a strong choice for enterprises needing large processing capacities for high-volume transactions. These systems are known for superior performance and reliability delivered on the back of their unique computing architecture. However, as the pace of digital transformation mandates picks up, most enterprises are evaluating their mainframe systems for better optimization and compatibility with modern platforms and applications. Limitations around availability of skilled resources also influence enterprise decisions in this regard. Manufacturers and service providers have responded with innovative solutions for faster application deployments, intelligent optimization, and integration into modern hybrid environments.

In this research, we present an assessment and detailed profiles of 14 mainframe service providers featured on the mainframe services PEAK Matrix®. The assessment is based on Everest Group's annual RFI process for calendar year 2021, interactions with leading mainframe services providers, client reference checks, and an ongoing analysis of the mainframe services market.

This report includes the profiles of the following 14 leading mainframe service providers featured on the Mainframe Services PEAK Matrix®:

- **Leaders:** Accenture, Capgemini, HCL Technologies, IBM, and TCS
- **Major Contenders:** Atos, Cognizant, DXC Technology, Ensono, Infosys, and Mindtree
- **Aspirants:** Mphasis, Unisys, and UST

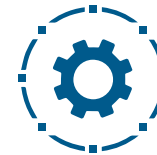
Scope of this report:



Geography
Global



Service providers
14



Services
Mainframe services

This report provides an insight into mainframe services

Mainframe services – market definition

Consulting/assessment services

Services such as application assessment, architectural review, architectural redesign, business rules extraction, capacity & performance planning, code & data discovery, modernization assessment, business case development, process evaluation, mainframe audits, and TCO evaluation

Enhance/transform/modernize services

Planning & design, quality assurance, platform design & implementation, system integration, and change management

Management services

Services that focus on cost-efficient and optimized mainframe operations such as application enhancements, application management services, change management, database upgrades, mainframe-as-a-service, mainframe upgrades, security, and system upgrades

Enhance/optimize

Services that can help enhance and optimize existing mainframe estate with minimum intervention in application layer

List of services include:

- Automation enablement: services focused on automating processes such as automated testing and batch processing
- DevOps implementation: services focused on enabling DevOps implementation in mainframe environments
- Environment rationalization: services focused on mainframe environment optimization such as consolidation of data and code
- Functionality enhancement: services focused on enabling next-generation functionalities such as data analytics and API integration

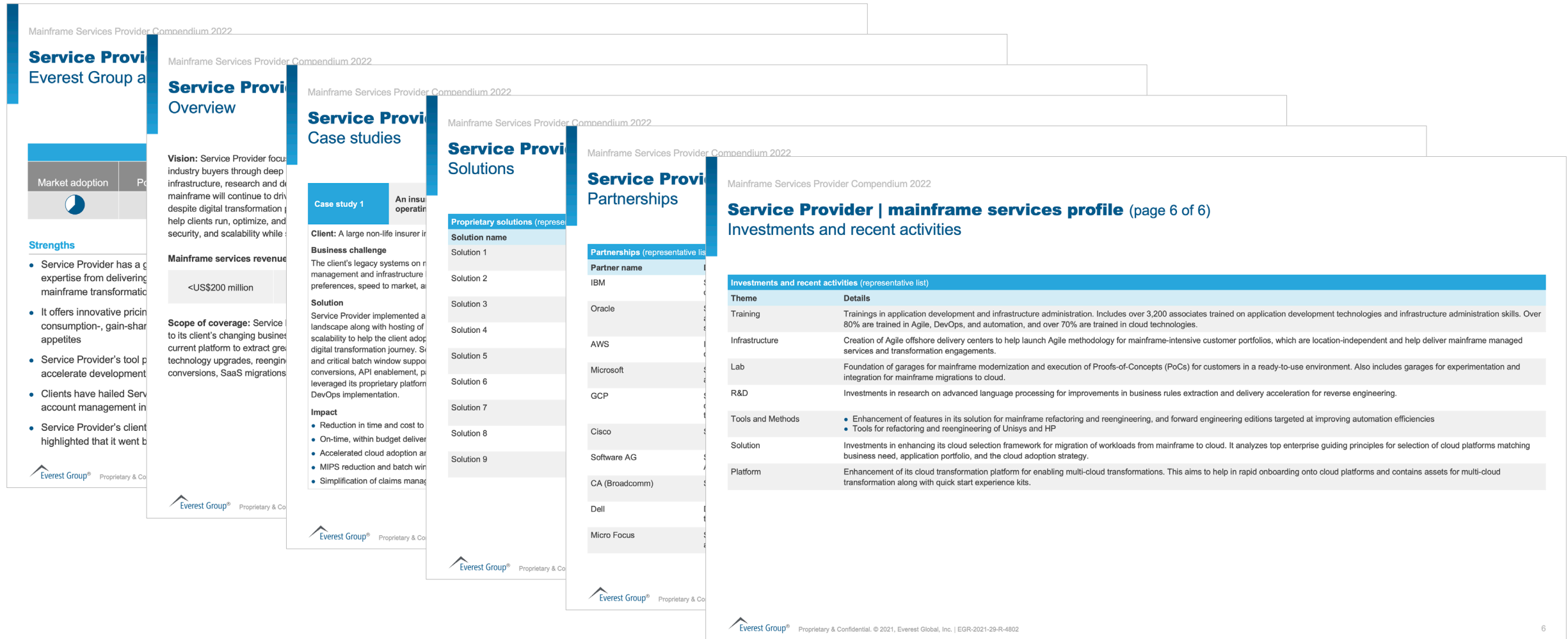
Transform/modernize

Services that can help transform and modernize mainframe workloads through considerable intervention in application layer

List of services include:

- Application reengineering: services focused on reverse engineering mainframe applications such as code/DB conversion, language transformation, and alteration to microservices
- Application rehosting: services focused on rehosting mainframe applications to on-premise or cloud such as migration to public cloud and environment offloading to X86
- Application replacement/retirement: services focused on helping enterprises sunset or replace mainframe applications such as decommissioning, archiving, and closure

The report includes detailed profiles of 14 mainframe services providers



Research calendar

Cloud and Infrastructure Services

■ Published
 ■ Planned
 ■ Current release

Flagship reports

Release date

System Integrator (SI) Capabilities on Google Cloud Platform (GCP) Services Compendium 2021	December 2020
Cloud Hyperscalers: A Critical but Not the Only Building Block of Enterprise IT	June 2021
IT Managed Security Services (MSS) PEAK Matrix® Assessment 2021	June 2021
State of the Market: IT Infrastructure Automation Services	June 2021
Network Transformation and Managed Services PEAK Matrix® Assessment 2021	July 2021
Software-defined Wide Area Network (SD-WAN) Services PEAK Matrix® Assessment 2021	September 2021
Mainframe Services PEAK Matrix® Assessment 2022	November 2021
Mainframe Services Provider Compendium 2022	December 2021
State of the Market: IT Infrastructure Services	Q4 2021
Cloud Services PEAK Matrix® Assessment 2022	Q4 2021

Thematic reports

Release date

Future-proofing Enterprise Transformation with Cloud-agnostic Managed Services	February 2021
Upcoming Contract Renewals – Infrastructure Services 2021	March 2021
Enterprise Pulse Report: From Dissatisfaction to Delight: Sustaining Client Satisfaction in a Post-pandemic World	March 2021
Tech Bytes for Business Leaders: Containers	August 2021
Tech Bytes for Business Leaders: Workplace-as-a-Service (WaaS)	August 2021

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