



G-Cloud 15 Service Definition

Accenture IBM Mainframe Services

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 **accenture**

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1.0 Scope of our services

This document describes Accenture's services on and around the IBM Mainframe and should be read in conjunction with the associated G-Cloud 13 Services documentation.

Accenture offers professional services on a wide range of IBM Mainframe technologies along with added value solutions. These can be broadly summarised as:

- **Technology Advisory and Strategy for enterprise open source:** Assessing the organisational context (technology, people and processes), business strategy and technology requirements, to then create a technology strategy roadmap and recommendations mapped to IBM Mainframe solutions (inc. DevOps, Analytics and API's) that will support the business strategy and transformation roadmap
- **Solution and Architecture Definition and Delivery:** Our experienced Mainframe architects not only work with you to define the overall solution and technology architecture but also support the delivery across IBM Mainframe and Cloud products. We combine our IBM product experience with best practices to ensure a smooth journey from design to implementation and handover to support. Our architects work in collaboration with the delivery teams to enable architecture delivery in agile and scaled agile environments.
- **Manage and Run:** We manage mainframe infrastructure and applications with a predictive and preventive approach building embedded automation as well as higher quality and user centricity from the start. We use a combination of our key platforms to infuse automation in our management services. Integrated into our platforms, lies our industrialized set of tools and accelerators for mainframe core systems. This allows us to increase productivity of executing mainframe production support (e.g. automate ticket analysis and resolution), requirement development and testing (proprietary and partner tools) as well as increasing the pace of adoption of DevOps on Mainframe and Digital Decoupling using Cloud Native tooling and architectures.
- **Enhance and Optimize:** We can help stabilize and optimize our client's current mainframe workloads to improve agility, drive operational efficiencies and dynamically optimize costs. We help diagnose client challenges and pain points, identify technical remediation solutions and implement changes to the current workloads. And, to increase agility we implement Agile and DevSecOps capabilities to gain speed to market for new features, products and experiences that require mainframe processing
- **Transform and Modernize:** We leverage our mainframe approach which includes the 7Rs (retire, retain, rehost, replatform, rearchitect, replace or reimagine) that assesses the right path to transform, modernize and/or migrate workloads on mainframes systems, leveraging our "7R" approach. We rationalize and consolidate a client's application portfolio using a combination of our platforms along with third-party tools and assessments to create heat maps for business process optimization in order to determine the right approach for each application.

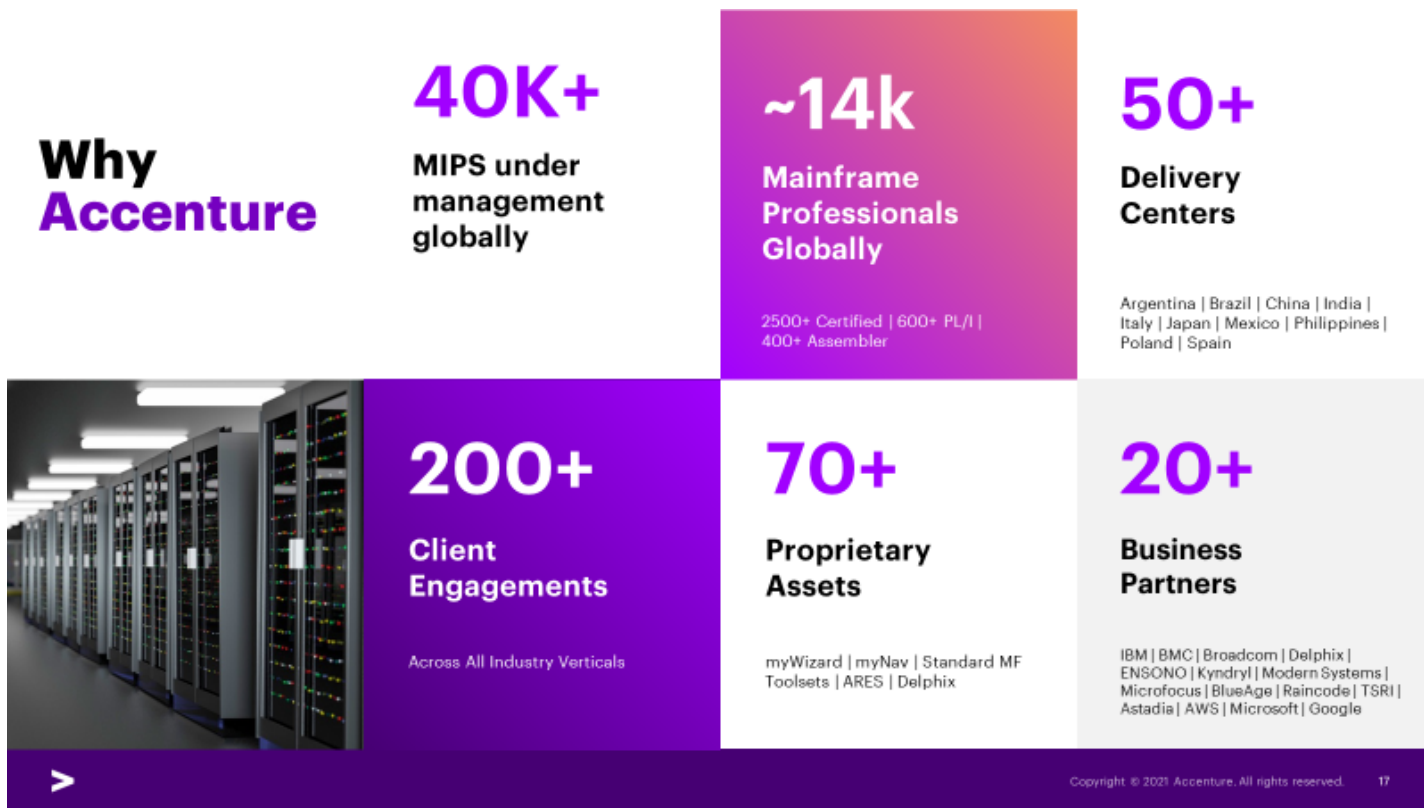


Figure 1: Why Accenture?

As a leading IBM partner, we have an extensive pool of IBM architects and engineers worldwide, successfully delivering numerous projects and products to customers across multiple industries. Our highly skilled practitioners offer delivery certainty and standardisation through an unmatched combination of experience and proven expertise.

Accenture is a Platinum Level Business Partner and has demonstrated superior skills and market success. We actively collaborate with IBM to deliver significant client value through innovative solutions.

Accenture and IBM have a joint investment program where we:

- Collaborate on the delivery of innovative solutions for our clients.
- Invest in accelerators and unique capabilities built on IBM Technology.
- Advance the skills of thousands of our technology specialists every year through training and development programs.
- Built estimators and project delivery tools to deliver with better predictability.

The engine of our global partnership is the IBM-Redhat Business Group (AIRBG)



Client engagement teams supported concurrently.



Client team inquiries supported by ACIT annually.



Hours committed annually to asset development



Assets utilized annually



Accenture practitioners trained annually



IBM-Technology skilled practitioners globally

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ACIT GLOBAL HUBS AND SATELLITES:

- Amsterdam
- Bangalore
- Barcelona
- Chicago
- Denver
- Kronberg
- London
- Malaga
- Mumbai
- Oslo
- Singapore
- Tampa

Figure 2: IBM-Redhat Business Group (AIRBG)

2.0 Approach

Accenture can assist with defining the strategy, designing, delivering and support for IBM Mainframe solutions, both from an application and infrastructure perspective. Our approach for delivering fit-for-purpose solutions uses an agile development methodology allowing clients to realise the power and benefits of the solutions from early stages of delivery.

Our approach to delivery of IBM Mainframe & Cloud Solutions is always Client and context based, building on Accenture vast experience around strategy definition, solution design and delivery. We typically recommend a delivery approach that embeds a knowledge transfer capability into the iterative delivery framework

3.0 Assets and Tools

Accenture has a wide variety of proprietary assets and tools to accelerate delivery of business requirements powered by Mainframe technologies. We invested heavily in creating processes and accelerators utilising key Mainframe products integrated with enterprise and open source solutions to deliver the required business results.

The list below is a high-level overview of some of our assets and accelerators:

Application modernisation factory – Accenture’s approach to assess Mainframe Infrastructure and Application landscapes to arrive at various Modernisation options to deliver the required business results. We have delivery factories specialising in Application Discovery and execution of modernisation options utilising proprietary, open and third-party toolsets to expedite the journey towards the chosen modernisation option/s.

Mainframe Delivery Tools Suite – A suite of Smart Tools, starting from Knowledge sharing activities and industrialised documentation repositories, to estimating tools, accelerators in doing impact analysis, design, code and unit test, system test, deployments and application maintenance activities. The Mainframe suite of tools will result to immediate and incremental productivity improvements in delivering Mainframe requirements.

MyWizard DevOps cartridge for Mainframe – Accenture DevOps Platform - Accenture’s pre-packaged and pre-configured end to end DevOps platform based on popular open source projects integrated with either IBM and Microfocus toolsets increasing automation and quality checks in delivering Mainframe applications. The cartridge can be replicated and copied to the client’s own cloud of choice, or on premise. From a Mainframe Data perspective, we have partnered with IBM and Delphix to develop Accenture specific plug-in in order to mask, manage and distribute Test Data across different Mainframe environments.

Digital Decoupling – Accenture’s proprietary approach and toolsets to breakdown monolithic applications and deliver a modern and decoupled Agile architecture with a lower maintenance cost. One of the key asset which is also Accenture IP known as D3 in a box helps clients to identify the data that needs to be decoupled and we bring in assets to expedite the journey called ARES (Accelerator for Rapidly Evolving Systems), which is a combination of reference architectures, system components, open source scripts, templates and documentation to rapidly build new services and solutions surrounding the Mainframe ecosystem.

Mainframe Hybrid cloud API solutions – Accenture accelerators help clients expose their core mainframe services as APIs to external applications enabling them to participate in hybrid cloud world.

Mainframe Reference architecture and estimators – Accenture has a wide set and patented Mainframe reference architectures and estimators that enable an accurately design and deliver Mainframe topologies and integration options. These are built on our long-standing experience delivering all type and sizes of Mainframe projects through the years.

Mainframe GenAI Solutions - We bring in assets accelerators built on top of GenAI to help maintain, manage and also modernize mainframe applications coupled with IBMs own solution Watson Code Assistant for Z to convert Cobol applications to Java to run on Mainframe

Overall, our accelerators, reference architectures, tools and cloud services will help clients to achieve:

- Lower Total Cost of Ownership
- Maximise existing investments to address market demand
- Significantly reduce risk and address skill gaps in managing and transforming Mainframe Infra and Applications

4.0 Expected Outcomes

We deliver measurable business outcomes with a strong history of delivery capabilities and value added partnerships in serving various Mainframe clients non-stop in nearly 20 years. We have delivered multi-million savings up to 70% reduction of the total cost of ownership of Mainframe ecosystems, delivering functionalities powered by Agile and DevOps enabled teams skilled in using best in class proprietary, open and third party toolsets. We constantly train new Mainframe skilled resources and are highly invested in continuously building our capabilities in current and emerging Mainframe technologies specially with regards to DevSecOps, Hybrid and cloud native architectures, advanced Analytics up to GenAI, Blockchain technologies while partnering with clients to figure out how to smartly transform and place the right workloads to the right platform.

5.0 Pricing

Please refer to the associated pricing document/ rate card relevant for this service.

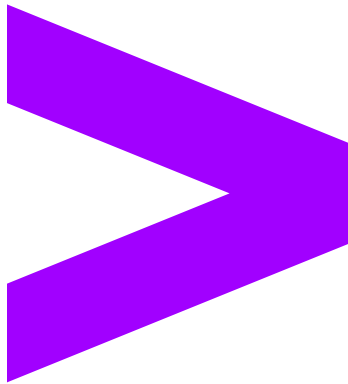
6.0 **Contacts**

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7.0 About Accenture

Accenture is a leading global professional services company that helps the world's leading businesses, governments and other organisations build their digital core, optimise their operations, accelerate revenue growth and enhance citizen services—creating tangible value at speed and scale. We are a talent- and innovation-led company with approximately 799,420 people serving clients in more than 120 countries. Technology is at the core of change today, and we are one of the world's leaders in helping drive that change, with strong ecosystem relationships. We combine our strength in technology and leadership in cloud, data and AI with unmatched industry experience, functional expertise and global delivery capability. We are uniquely able to deliver tangible outcomes because of our broad range of services, solutions and assets across Strategy & Consulting, Technology, Operations, Industry X and Song. These capabilities, together with our culture of shared success and commitment to creating 360° value, enable us to help our clients reinvent and build trusted, lasting relationships. We measure our success by the 360° value we create for our clients, each other, our shareholders, partners and communities



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