

**SERVICE: MAINFRAME CAPACITY COST REDUCTION**

# Mainframe Optimisation: Capacity Cost Reduction

Optimising capacity requirements, saving millions  
on your mainframe running costs

With IT management under constant pressure to **reduce expenditure** and deliver **improved value for money**, RSM's Mainframe Capacity Cost Reduction service helps you deliver more for less, increasing ROI and driving down mainframe operating costs.

## How you benefit

RSM's unrivalled depth of experience and expertise in mainframe infrastructures will help ensure your own mainframe systems are running at optimal levels. Reducing the capacity required to deliver service targets directly leads to substantially lower costs. By optimising your mainframe systems and reducing capacity requirements, you can defer the need for capacity upgrades and reduce your software bills, while also achieving improved service levels. RSM aims to help ensure you maximise your return on investment from your mainframe systems.

Our experts typically achieve a 10-20% reduction in MIPS consumption. Analysing the processing of a leading insurer, changes in the overnight batch reduced capacity requirements by 18%, with a further reduction of 22% being achieved during the online day.

## Flexible service options

No other provider can match RSM's flexibility, z/OS infrastructure skills and experience. Unlike other providers, we draw on the combined knowledge and resources of more than 60 highly skilled mainframe consultants. As part of this service, RSM mainframe consultants analyse your environments in detail, clearly identifying and quantifying optimisation opportunities that will help to lower both the capacity required and the related hardware and software costs. *See overleaf for the service options available.*

### FREE INTRODUCTORY SERVICE

An initial evaluation of one physical mainframe environment. If you supply us the system usage statistics and brief details regarding configuration and workloads, RSM optimisation specialists will analyse this information in our labs and give you a report indicating potential savings (MIPS / percentage reductions) that could be achieved during both the online day and overnight - free of charge. Confidentiality is assured.

Simply call **+44 (0) 1527 837767** or email **[info@rsmpartners.com](mailto:info@rsmpartners.com)** for details

## Optimising your mainframe – reducing your running costs

Industry peers and the IBM Z community alike recognise RSM Partners for delivering world-class z/OS infrastructure services, with noted specialisms in cost reduction, networking, migrations and security. The RSM Mainframe Capacity Cost Reduction Services has four main phases:

**Phase 1** (optional) – **High Level Assessment – Data Analysis & Report:** providing a realistic assessment of potential scope and savings

**Phase 2** – **Detailed Analysis & Planning:** identifying specific reductions, using a forensic analytical approach

**Phase 3** – **Implementation:** delivering capacity and cost reductions including fine-tuning

**Phase 4** (optional) – **Continual Improvements:** to lock-in gains achieved and deliver further improvements

### Mainframe Capacity Cost Reduction: Focus Options

**Cost Reduction by management of workload peaks** – analysing workloads to identify those driving the four-hour rolling average (4HRA), modelling candidates for optimisation, targeting savings of at least 10%.

**Outsource Cost Reduction by management of capacity requirements** – analysing workloads, identifying those driving the peaks, on which outsourced capacity requirements are based. We model candidates for optimisation, again targeting savings of around 10%.

**Savings by optimal use of IBM Special Assist Processors** – analysing workloads to identify and plan best use of special processors, reducing costs linked with using general purpose processors.

**Savings by minimising ISV costs** – reviewing the costs, efficiency and make up of your ISV software portfolio. Also checking workloads and confirming

the best LPAR configuration to minimize spend – at all times ensuring you continue to meet or exceed service requirements.

**Savings by application and workload tuning** – identifying potential for significant improvements in resource usage, implementing changes to reduce running costs, while improving overall quality of service.

**Savings by Workload Manager policy optimisation** – analysing workloads in conjunction with enterprise service targets to check WLM policy, identifying opportunities for optimisation.

**Savings through optimising LPAR configuration** – workload and LPAR configuration analysis, recommending changes to improve service delivery and reduce costs.

**Approaching major change with confidence** – accurately predicting capacity requirements to ensure forthcoming change will be successfully accommodated, enabling IT resources to be deployed in a timely manner.

### Mainframe Services: why RSM?

RSM is a unique provider of mainframe expertise, software and services – 100% focused on the IBM Z marketplace. Working with many of the world's largest organizations – spanning finance, retail, utilities, government and service businesses – no other partner offers you the same mix of mainframe infrastructure knowledge, real world experience, reliability, flexibility and agility. We are proven to add value.

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