

# PopUp Mainframe Flex Edition

## Solution Overview



In the IBM Mainframe community, studies reveal an overwhelming reliance on the platform to support critical business systems. However, recent market research data\* suggests that mainframe change is hard to do efficiently.

- Nearly all respondents experienced challenges in dev and test when using the mainframe
- Nearly 9 out of 10 have concerns over the availability of mainframe environments
- 8 out of 10 think that staffing and tooling limitations are hindering the business

In short, delivery bottlenecks are hampering business.

### The Small Vendor Delivery Dilemma

For smaller organizations without a mainframe of their own, looking to build and sell mainframe applications, the need for a self-contained, low-cost z/OS environment as the basis for building and testing new mainframe technology is becoming more elusive.

### The Mainframe Usage Conundrum

For mainframe users, the importance of production time limits LPAR availability for dev, test, admin, and training.

## When Mainframe Change Needs to Change

That's where PopUp Mainframe can help.

An instantly available mainframe environment to accelerate urgent development and testing activities, **PopUp Mainframe** is functionally equivalent to z/OS, and runs under Linux on Z, LinuxOne, or x86 servers running in the cloud Cloud or On-prem.

Our new **PopUp Mainframe Flex Edition** provides the very same capabilities available in our core PopUp Mainframe Z and X Edition products - and offered on a "pay as you go" commercial model. For organizations looking at this option, the product offers –

- **Flexibility** to only pay for what you use, managed on a daily or monthly basis.
- **Flexibility** to install and use on premise, in your data center or, by arrangement, hosted at an accredited partner's data center.
- **Flexibility** to support modern, rapid application development, test, and training processes to help accelerate delivering value to clients.
- **Flexibility** to support your preferred mainframe tools, subsystems and versions that match your technology strategy and customer requirements.

## Your Own, Virtualised Mainframe Environment

Like the core product, **PopUp Mainframe Flex Edition** offers a fully capable mainframe environment whenever needed – supporting R&D, development, testing, and training activities - to help deliver mainframe applications faster and more cost effectively than ever. Key facilities include:

- **z/OS Equivalency** - The product behaves the same as physical mainframe environments, and supports all mainframe subsystems, applications, and data stores
- **Integration** - Supporting IBM, open source, and 3rd party development tools, PopUp fully supports today's mainframe delivery processes
- **Data Compliance** - The product supports full, compliant data masking capabilities through a variety of 3<sup>rd</sup> party integrations
- **Flexibility and Productivity** PopUp includes facilities to automate sharing and restarting environments, and streamlined administration using Ansible playbooks
- **Instantaneous Availability** The product can be initiated and shutdown in minutes, ensuring rapid availability and resource efficiency.

PopUp Mainframe Flex Edition is a fully functional, fully compatible virtual mainframe environment where you only pay for when you use it. It contains exactly the same functionality as PopUp Mainframe X and Z Editions.

## Business Benefits

Using the PopUp Mainframe solution, customers are reporting tangible gains across a range of strategic objectives.

- **Cost Efficiency** - Harnessing incumbent platforms to support mainframe change improves cost efficiencies and protects production MIPS
- **Flexibility** - Enabling key R&D, dev, test, and training work to run at any time, instantly, maximises team productivity and delivery flexibility
- **Speed to Market** - Increasing delivery velocity by 400% can be achieved by removing needless delays and streamlining administration
- **Compliance** - Data integrations enable customers to meet their data compliance requirements in mainframe deliveries
- **Sustainability** - Switching off idle resourced has reduced emissions and power usage by up to 50%

**If you are building mainframe technology looking to renew your application development infrastructure, get in touch.**

\* - 2025 PopUp Mainframe Market Survey, conducted by Vanson Bourne. For more information, see [www.popup-mainframe.com](http://www.popup-mainframe.com)

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