

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 3rd 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 resources 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

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