

How Does Zero Trust Strengthen Mainframe Security?

Active Threats

Mainframes handle 70% of the world’s production customer transaction workloads¹. Ninety-two of the top 100 banks use the mainframe to provide banking services to their customers. As with every other part of your IT infrastructure, your mainframe is at risk of a cyberattack.



Harden Against Privileged Credential Abuse



74%

of data breaches start with privileged credential abuse.

341 Days

It takes almost 1 year for companies to identify & contain a data breach caused by compromised credentials.

Implement Zero Trust by assuming every device on the user network is hostile by default.

Protect Your Most Critical Data

95%

of IT management and decision makers surveyed said the most concerning ramification of mainframe security is breach of customer data.

A Protect Surface shrinks the attack surface down to only the most crucial assets, making it easy to implement Zero Trust controls.



A Simplified Path to Zero Trust on the Mainframe

Organizations do not need to overhaul any existing security strategies. Implement Zero Trust with small, incremental steps by using Broadcom’s Protect-Surface approach.

47%

of enterprise IT security teams lack confidence applying a Zero Trust model.

61%

of enterprises say it is difficult to find the right personnel to manage mainframe security.



Solve your personnel concerns with a proven Vitality Program. Upcoming mainframe engineers are provided and trained for free for your organization’s mainframe security platform.

Protect your organization against modern mainframe security risks today with Broadcom.

- Implement Zero Trust solutions that map cybersecurity to business objectives.
- Use modern Zero Trust solutions, including privileged access management (PAM), multifactor authentication, zero trust network access solutions to defend your Mainframe Protect Surface.



Broadcom Mainframe Software Division specializes in DevOps, Security, AIOps, and Infrastructure software solutions for vital infrastructure. We enable our clients to embrace open technologies, integrate Mainframe as part of their hybrid cloud, and partner to drive greater value and overall success with the platform

Sources: ¹ IBM *IBV Application modernization on the Mainframe*; “From Shopping To Space Travel, How The Mainframe Changed Our World,” Forbes, “74% Of Data Breaches Start With Privileged Credential Abuse,” Forbes, Cost of a Data Breach Report 2021, IBM, Don’t Let Mainframe Security Complacency Leave Your Critical Customer Data At Risk, Forrester, “Why many security pros lack confidence in their implementation of Zero Trust,” TechRepublic