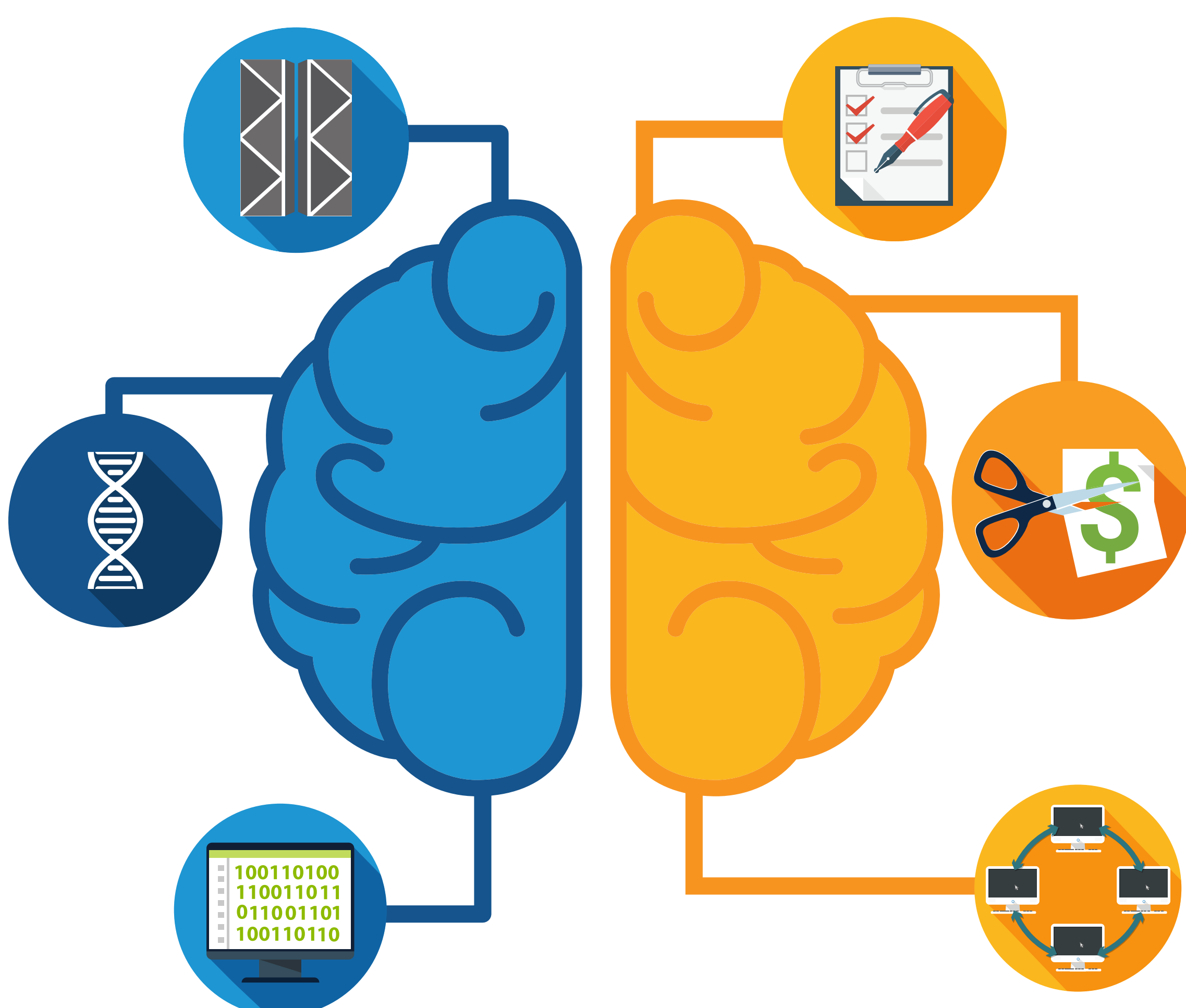


# Are CIOs **MANIC** About the Mainframe?



## What CIOs Think

CIOs fully recognize the power and value of the mainframe platform, evidenced by the value they place on irreplaceable, high-value mainframe application code—also known as corporate IP.

**89%**  
of CIOs

consider mainframe application code to be **Intellectual Property**.

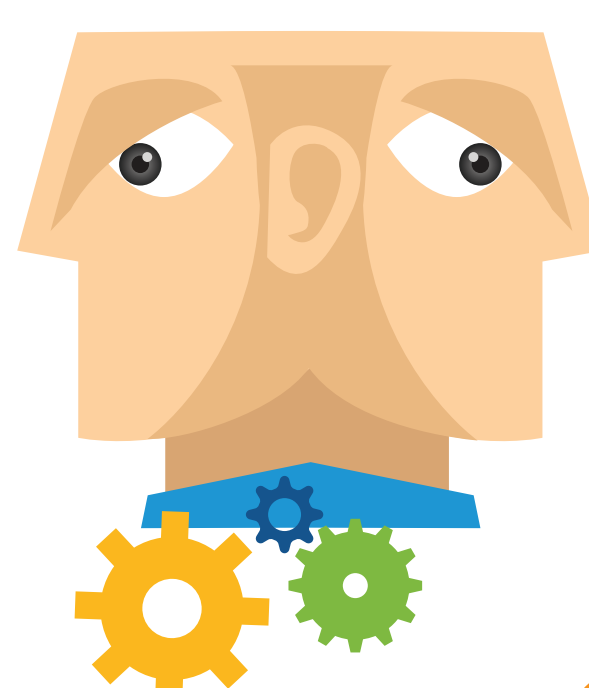
They also see the mainframe playing a key role in the digital transformation of their organizations.



## What CIOs Do

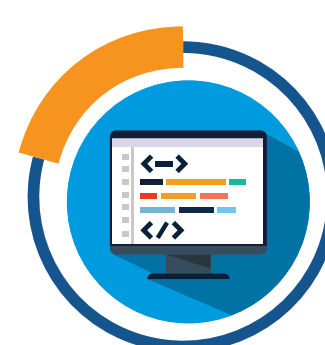
But, their beliefs don't match their actions. CIOs prioritize investments in non-strategic efforts instead of advancing their applications.

**They continue to invest in platforms whose costs are higher.**



**ONLY 21%** of CIOs

believe Application Advancement is the most important area for investment in the mainframe.



**46%** of CIOs

believe vendor consolidation is more important than advancing their IP.

## NOW



**81%** of CIOs

agree that the mainframe is running more new and different workloads compared to five years ago.

## ... and in the FUTURE

**88%** of CIOs

believe the mainframe will continue to be a key business asset over the next decade.

**78%** of CIOs

see the mainframe as a strategic platform that will enable innovation within their organizations.



## And performance is critical

**67%**

believe a **single major mainframe outage** would cost their organization **over \$1M**.

**26%**

say a **major mainframe outage** would cost their organization **between \$10 - \$20M**.



**20%** of CIOs

don't take into account low marginal costs when assessing the mainframe against other technologies.

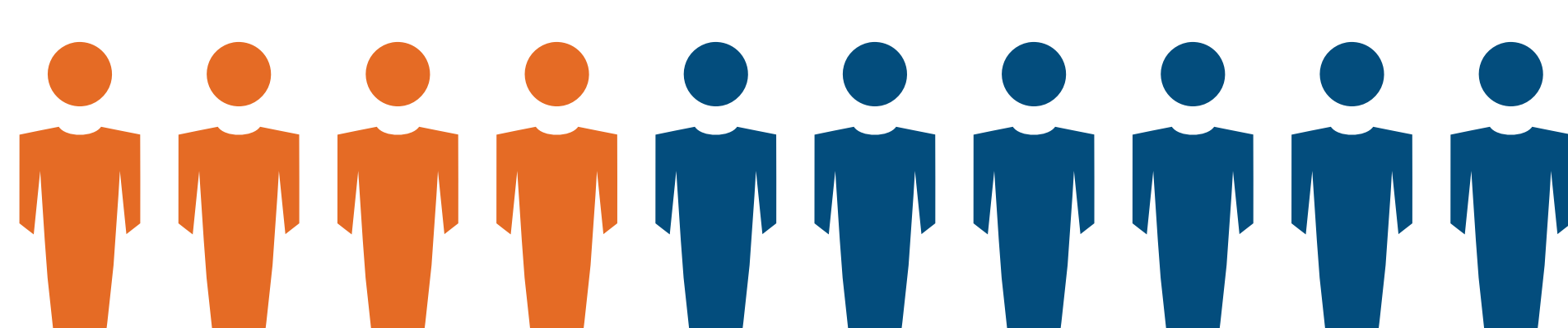
This disconnect extends to a real issue facing organizations worldwide:

## The Mainframe Skills Shortage

Despite the fact that CIOs plan to continue relying on the mainframe for at least the next decade,

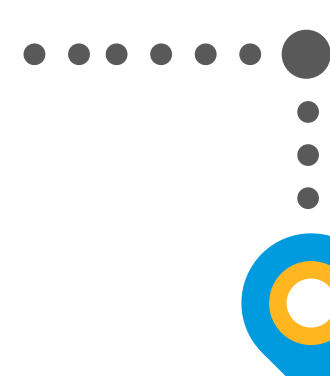
**4 in 10**

still do not have a plan to address the mainframe brain drain.



**There exists another disparity between what CIOs think and what is occurring within their organizations.**

CIOs believe that mainframe and non-mainframe teams have to work together in a more **unified** way to maximize productivity and control costs. Yet, most development teams are organized into **technology silos**, significantly reducing the opportunity to collaborate and understand just how much their work impacts mainframe performance.

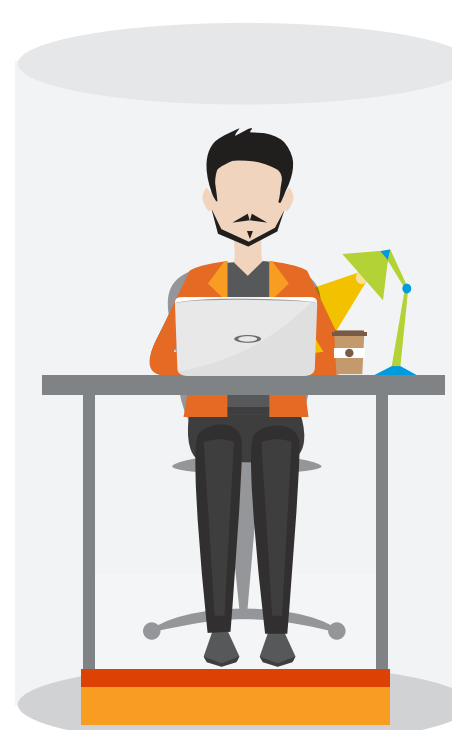
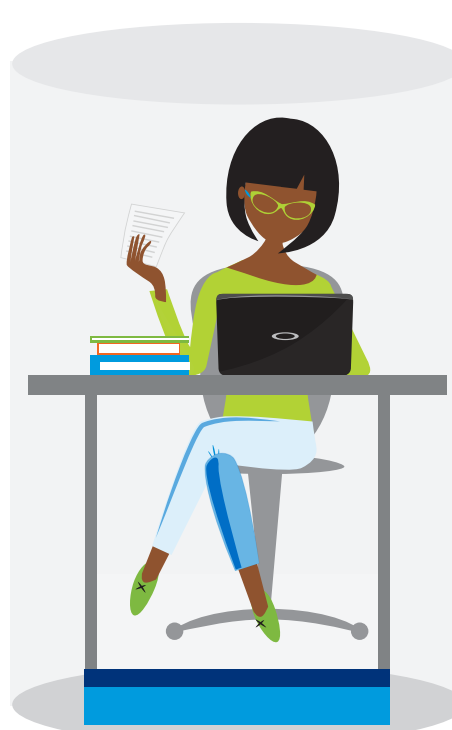
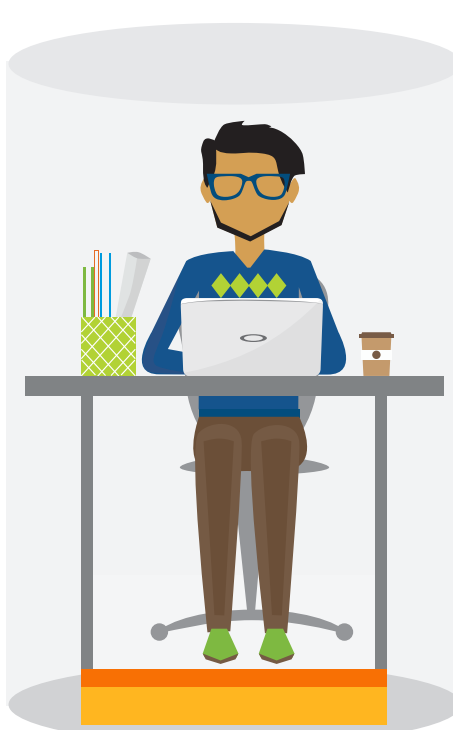
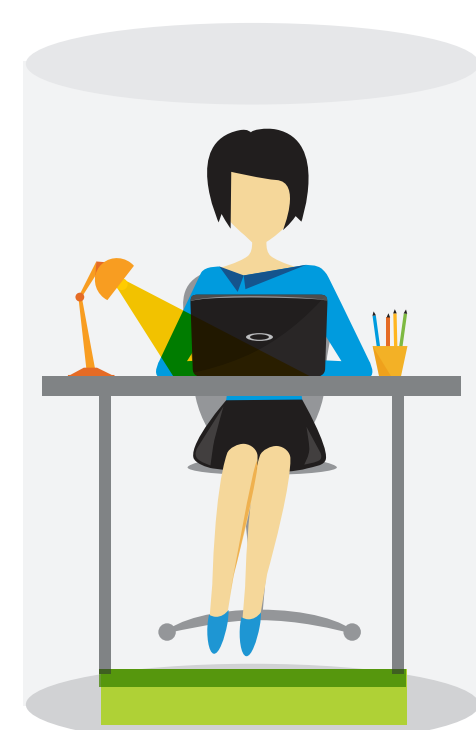


**78%** of CIOs

believe the convergence of new technologies is driving the need for web/mobile/distributed development teams to better understand the mainframe.

**YET 68%**

say their development teams are organized into technology silos.



**While CIOs clearly hold the mainframe in high esteem, their actions don't align with their perceptions. It's time for IT leaders walk the talk and make the necessary investments to advance their mainframe IP.**

**This requires CIOs to transform three fundamental things:**



## Culture

Simply safeguarding the iron-clad integrity of mainframe apps and data isn't enough. Developers must be inspired to invent on the mainframe.

## Tools

A more vibrant and business-relevant mainframe won't be delivered by settling for "good enough" tools. Modern developers need state-of-the-art tooling that removes the esoteric nature of the mainframe and makes development just about syntax.



## Processes

Siloed teams who don't understand how their work impacts others hold the business back. Mainframe DevOps teams must be Agile and work collaboratively with DevOps teams across other platforms.

For more information, [read the CIO white paper.](#)

Source: "The New World of Mainframes" CIO Survey