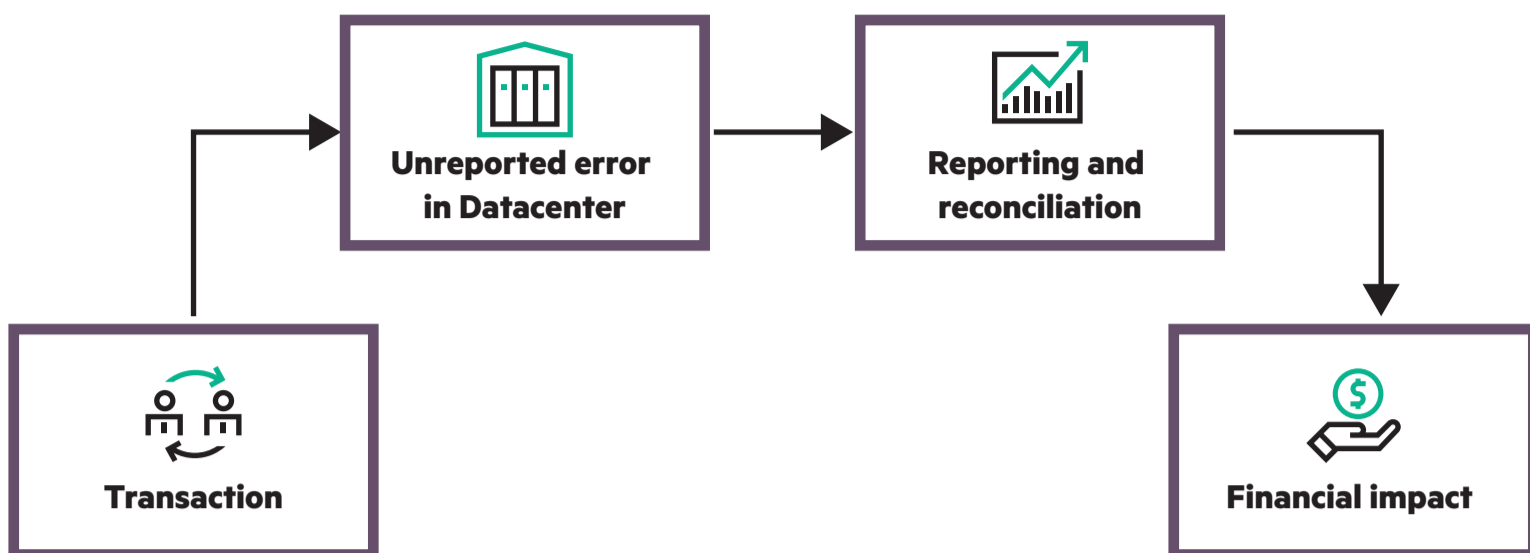


Numbers don't lie... or do they?



Data accuracy—avoid costly errors that may go undetected

Data corruption means more than just hardware failure. It can also produce problems beyond a system crash. In fact, data changing in memory can go completely undetected. Yet, corrupted data can impact every aspect of your business and you might not even realize it.

How and why data can change in system memory?

Faster memory speeds and larger capacities increase the likelihood of **system memory errors**.



A memory bit can **fail** and cause a hard error that **crashes the system** or **flip** and cause a soft error that **corrupts your data**.

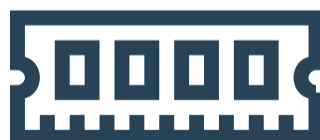
How common are memory errors?

One in three systems experience one or more correctable memory errors a year.¹



24x7 operation translates into a greater risk of memory errors.

But, there is a solution...



HPE SmartMemory can detect and repair errors that cause data corruption and system crashes.

- Gain added protection against crashes and data errors
- HPE SmartMemory finds and fixes 99.9998% of memory errors²

Choose an HPE server with HPE SmartMemory

¹ DRAM Errors in the Wild: A Large-Scale Field Study

² A Memory Soft Error Measurement on Production Systems: A Realistic Evaluation of Memory Hardware Errors and Software System Susceptibility