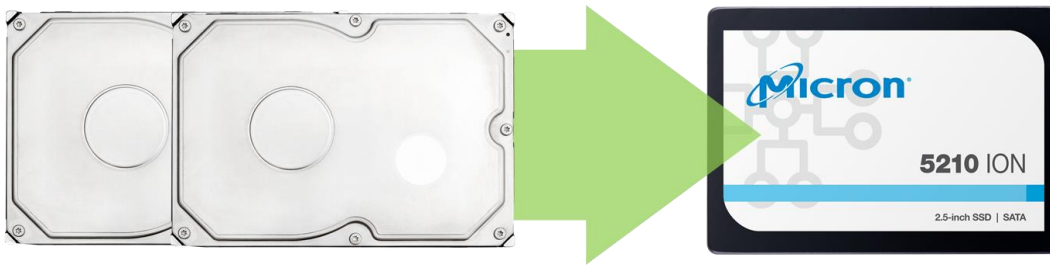




# Financial Services

Financial institutions store petabytes of data and are typically required by law to quickly deliver it upon request. Legacy HDDs can't keep up. The Micron<sup>®</sup> 5210 delivers.



## Micron 5210 QLC SSD vs. Legacy HDDs

FSI Storage Metrics	HDD	5210	Improvement
Data extraction and reporting (random reads)	200 IOPS	90,000 IOPS	450X
Record accuracy & completeness (UBER error rate comparison)	1 sector per 10 <sup>15</sup> bits read	1 sector per 10 <sup>17</sup> bits read	100X

*Comparison based on published 7.68TB Micron 5210 and 8TB 7.2K HDD specifications*

**5210 Advantage** **\$\$\$** **Help Ensure Accuracy & Compliance**

**How much is your time worth?**

## Typical FSI Record Retrieval Workload

Storage access pattern: random reads & sequential writes

Storage IO size: ≥32KB

Read/write ratio: 99% read / 1% write

How the workload works:

- Rapidly retrieve user and transaction data
- Thousands of data points delivered daily (write once, read many)
- Compliance failure penalties may be significant
- Easy data encryption (at SSD level)

Ready to learn more? [Read Micron's in-depth financial compliance research](#)