

## Tip #3: Your Data, Your Security

Someone once said “your data is your life” (well, maybe no one said that, but you get the point).

We completely understand the critical importance of scientific data, and our systems, staff, and company culture give this the highest possible priority. For our “cloud” based users (which represents the largest segment of our customers), there are two areas of security that we address in many ways:

### #1 How and where are data stored, and what protections are there against data loss?

LabArchives’ storage infrastructure is built on Amazon’s leading AWS platform. At present, we utilize two different geographic locations (one in Virginia and one in Oregon); all data are immediately duplicated and stored redundantly at one site, and a separate, hourly backup is made to the other. Your data are far more secure on our server than they would be, for example, on your PC (even if you make daily backups) or than in a paper notebook.



### #2 How can I be sure my competitors won’t see my data?

LabArchives provides an extra layer of security on top of the already iron-clad security provided by Amazon. All transmitted data are encrypted using bank-level SSL security, and logins are protected by a secure password. Speaking of passwords, LabArchives does not even store your passwords on our servers, rendering it impossible for an unauthorized party to obtain them. Compare this to a computer in your lab, where someone can simply walk up to it or copy the contents of the hard drive onto a USB memory stick.

In short, your data are far more secure than when stored on your own computer systems, and far safer than when recorded on paper. Of course, for the ultimate in security, some customers prefer a local installation, which is also available from LabArchives. [Contact us](#) for details.