

Submitter: Wyn Manselle  
On Behalf Of:  
Committee: Senate Committee On Judiciary  
Measure, Appointment or Topic: SB1516  
Members of the committee,

My name is Wyn Manselle. I am a software engineer presently living in Eugene, OR with 18 years of professional experience. In my career I have practiced my skills with organizations engaged in human subjects research involving sensitive populations, health insurance, medical device development, and financial markets. A common theme tying these disparate areas of the profession together is that the data that makes the work possible is sacred.

The data must be kept private and secure lest sensitive information about an individual's health records are used to discriminate against them in any number of ways; lest knowledge of data collected, knowingly or not, bias researchers involved in critical and valuable science; lest sensitive information about an individual's financial records are used to target or manipulate them; fundamentally lest the leak or manipulation of information bring existential harm to any individual or organization involved.

There are three core principles, speaking generally, that are critical for making this privacy and security possible.

The data must be encrypted in transit.  
The data must be encrypted at rest.  
And the encryption must be done such that only the individuals with a need to use the data have the means to decrypt it. No vendors. No third parties of any sort.

This was and is a professional requirement for me.  
I have undergone human subjects training and agreed to the Declaration of Helsinki.  
I have been fingerprinted, background checked, and agreed to be bound by FINRA regulations.  
If I breach my professional ethics - I will cause real harm to real people who matter.  
If I breach my professional ethics - I will be held to account for the harm I would have done - and rightly so.

I expect no less from anyone that considers themselves a professional. Whether they work in academia, for a private entity, or for the state. I submit that neither should the members of the committee.

Knowing that the basic core principles on data security are being ensconced in Oregon state law gives me some, not perfect, but some relief as the conversation on ALPR systems continues in our public forums. As we all, I am sure, continue to argue and fight for the sanctity of private data for all Oregonians.

Thank you.