## General:

Horizon Labs does have any cybersecurity personnel, nor do they follow any cybersecurity framework. This is a **high-risk** issue.

## Vulnerability Management

Horizon Labs does not have any vulnerability management program which is a **high-risk** issue. No penetration test has been done, nor has any been planned – this is a **high-risk** issue.

## Detection and monitoring:

Lack of capacity to detect and monitor their environment – either internal or external (MSSP) – is a **high-risk** issue.

## Incident handling:

Lack of capacity to respond to any cybersecurity incidents is a **high-risk** issue.

## Identity and Access management (IAM):

Not following the principle of least privilege is a medium risk issue

Not having role-based access control is a medium risk issue

Not having separation of duties is a low risk issue.

Not having periodic user access reviews is a medium risk issue

No single issue is marked by me as a high risk issue, since Horizon Labs does vet new employees and have a security training module that's mandatory for anyone who joins the company.

Taken together, however, the significant deficiency in the area of how identity and access is managed is a **high-risk** issue.

## DLP:

No data loss monitoring, but Horizon does encrypt data and take back-ups making this a medium risk issue.

Summary:

Horizon Labs does not have any real cybersecurity capacity, much less an actual cybersecurity team, so if there is any incident Horizon would not be able to handle it even if they were aware of the problem in the first place - which is unlikely since they, when directly questioned upon how they handled detection and monitoring, answered evasively. They don’t have any MSSP.

There are various issues regarding the internal cybersecurity workings of the company that multiply the damage done either by internal threats, or by accidents due to a lack of safety awareness, and those issues persist even after an employee leaves the company.

**The cooperation with Horizon Labs is in itself a high-risk issue for Oscorp, given the use of their software as a service with sensitive data.** As a SaaS provider Horizon Labs are obligated to handle security concerns per contract.