

Potential Cost of a Data Breach

SEMA4

SEMA4 contains payroll, HR and benefit information for every state employee. It's just one of many aging state systems that is vulnerable to attack.



\$71

Average cost per lost or stolen record for the public sector.

Source: Ponemon Cost of Data Breach 2017 Study, sponsored by IBM



38,000

Number of state employees with private data in SEMA4

What could be stolen?



Names



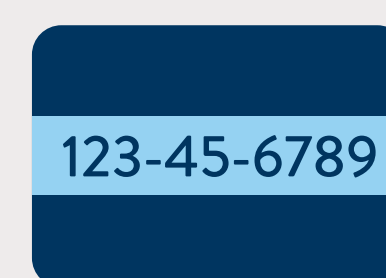
Addresses



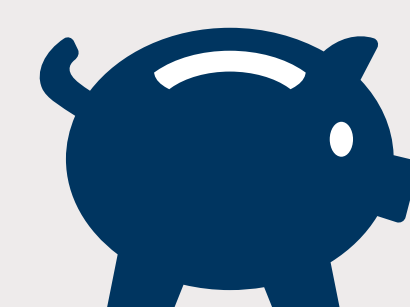
Insurance Information



Birth Dates



Social Security Numbers



Banking Information



Benefits Details



Dependent Information

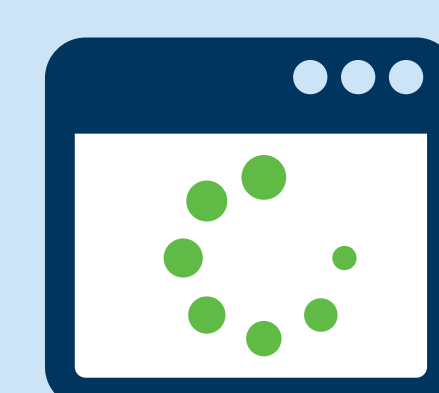
\$2,700,000

Estimated cost to taxpayers if SEMA4 was compromised.

How could hackers exploit SEMA4 data for personal gain?



- Passports
- W9s
- 1099s
- Change bank routing numbers
- *Imagination is the limit*



15 Years

Oldest Software Component



8 Years

Oldest Hardware Component