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On April 18, 2017, data files belonging to Wyoming Airway Oxygen Inc. were compromised in the first breach. The system that included the personal health data of 500,000 people had a ransom system implemented by the hackers. According to the group, the hackers were unable to obtain any of the 500,000 people's financial information or social security numbers. Onlookers are still looking into that assertion, though. According to Compliance Junction, the reason for this is because "the hackers got access to names, addresses, birth dates, contact telephone numbers, medical diagnoses, health insurance policy numbers, and details of the services the company provided to subscribers." Since every document on file contains a person's name, social security number, and birthdate, I believe that was just a cover-up statement to claim that the hackers did not obtain social security numbers. The fundamental problem was that the Airway Oxygen security system wasn't effectively guarded, needed less encryption, and had a predictable password. Their firewall has been improved, and notifications have been made easier to see. Another significant cybersecurity breach within the past ten (10) years on July 29, 2017, Equifax, one of the biggest U.S. credit bureaus, reported that a website application vulnerability led to a data breach that exposed information on 147.9 million customers. The breach was found, but according to the business, it probably began in mid-May. Social Security numbers, birth dates, addresses, and in certain circumstances, driver's license numbers of 143 million consumers were exposed, along with 209,000 people's credit card information. Data and media controls measures must be implemented in order to reduce this incident from occurring again. Companies can also encrypt information and find ways to encode information to make it unreadable by unauthorized parties or hackers .

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Over Encryption; Layered Security Is Advised