

Social Implications of Network Security Policy

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CYSE 425, Cyber Strategy and Policy

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December 1, 2025

Network security is a policy ingrained within many prevalent frameworks. These guidelines serve as a minimum standard on how robust the security of our systems needs to be. This paper will go over how well the transition into using the Network Security Policy is, how effective my policy is, and how well it works on a national and global scale.

Implementation Cost

Having policies and frameworks is essential for companies to run their business effectively and safely for all those who access their services, but what happens when a company still needs to come up to that standard? How hard would that be? Well, policy implementation is always going to come up with some challenges. Whether it be technological, financial, lack of understanding, or all of these at the same time, there can be major setbacks when trying to become more secure. When it comes to my policy, it usually requires a decent amount of manpower and money to execute effectively. Some simple implementations can be done well with one person, though. In my first paper I discuss strong and different passwords with the addition of MFA. These simple additions can be done by a couple people in a smaller business or a whole team or multiple teams for bigger businesses. The setup would be a project running from a week to a month. These changes can ensure that your company is on a higher level of security than it was in its earlier state.

Policy Effectiveness

My policy is used in major frameworks and is a great guideline for a minimum for security, but how well does it work in reality? Well, in a study on the effectiveness of multi-factor authentication it says, “MFA reduces the risk of compromise by 99.22%

across the entire population and by 98.56% in cases of leaked credentials (Meyer et al., 2023).” This is a huge jump in security from a simple security measure. Ensuring basic standards from my policy can guarantee that businesses are safer and more secure.


Global Effectiveness and Use

Lastly, how effective is my policy within our country and around the world? In our country, like I stated before, it is in multiple frameworks. Frameworks such as NIST, the Center for Internet Security, and PCI-DSS all involve techniques from my policy. Most of these policies being global frameworks ensures that we are on an equivalent page as other countries. This makes certain that other countries can be on the same minimum security level as we are to make sure security breaches aren’t due to a lack of measures.

Conclusion

In conclusion, I would assess that my policy is very effective. Seeing how small businesses can implement parts of my policy within a week span with low manpower. I also give it a pretty high assessment due to the real-world effectiveness. Being able to reduce security risk and enforce security is exactly what companies should aim for when it comes to cybersecurity. Finally, due to my policy being accepted and used within multiple countries through popular frameworks, it is able to be understood and used throughout the world.

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