

What role do engineers have in managing cyber risks.

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Details

Engineers are actually more involved in security management than we think. Now with new technology including the new sensors and grid control technologies more than likely mechanical engineers were responsible for the start and advancement of it. I think that it's important to have engineer, so they can upkeep the technology side of it and help everything running more smoothly to prevent any problems with the systems security. Even though the way that they monitor the grid it does increase vulnerability but it's a more efficient way. Again, these are just some of the ways that engineers have in managing cyber risks. They also do have to continue redesign the security to help with improvements, so the grid can be more reliable, so they do play a major part in help redesigning the software for security purposes. The engineers have to deal with huge attackers and they have to try to keep them out which is on a more complex scale because it's the whole U.S. grid. The engineers that deal with the grid they are more susceptible to the public and someone getting in because of how open it is. The role that engineers have they are kind of the base like in the pyramid they kind of hold the network together and they try to make it accessible for everyday users, but they try. To keep the confidential things private and locked from attackers. The engineers develop better ways to secure everything and keep the attackers out. The engineers lead the way and they make it harder for attackers to get in. they bring awareness about the people trying to get in and develop new strategies to help better protect the grid. Without the engineers there wouldn't be security for the grid. They are the foundation and they help generate the future of the grid.

References

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