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The Human Factor In Cybersecurity

Given my limited budget and my position as Chief Information Security Officer, the main goal would be to limit the amount of humans I have on my team in the first place. Humans are expensive and having workers that are going to potentially want raises, benefits and other costs, are going to hurt me in the long run. Limiting my team to the most important areas or keeping certain areas low in number, while limiting the amount of the faces on my team would be the goal. I’d also make sure to immediately implement as many simple, safe protocols to the workplace I am protecting, this includes two factor authentication with safe passwords, user security and registration, keeping computers on the same company network, Not allowing any third party websites outside of what the company needs, and limiting internet browsing opportunities. Backups would also be implemented and data recovery means for a potential attack or system malfunction.

My team would consist of me as the CISO, then a cybersecurity architect and engineer, an investigator for crimes, although depending on the size and importance of the company I may not include this role to cut costs and I’d have two threat analysts to watch over the systems and hopefully be skilled enough to be a jack of many trades. Any needed infrastructure would be weighed based on company size and what my team would need to correctly execute the job at hand and I’d strive to be able to downsize my team if needed. I’d also encourage my team to stay up to date on worldwide attacks and make plans on adapting to potential new risks that may show themselves in the future. Training would be reserved for the higher positions and benefits would be shown to employees who teach the less experienced roles like threat analysts. All of these factors I think would contribute to a successful job at limiting the potential attacks on the company I'm protecting.