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## Abstract

Computer networks are the behind-the-scenes backbone of the any organization. For campus areas, such as universities or large companies, a campus area network is ideal as it is designed to have a lot of users and accessibility across many buildings. Due to its complexity and size, it is important that a network design is clear, concise, and can easily be replicated. The success of a business directly coincides with the success of the network supporting it. For a campus area such as Ball State University, many users are spread throughout many buildings so the network needs to support this. This paper discusses best practices for campus area network design and the design of a simple network for the Ball State University Campus.

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