



Innovative Solutions. Trusted Performance.
Intelligently Engineered.

Engineering and Design Overview

There is no margin of error when you are engineering skyscrapers, bridges, spacecraft and medical devices. People's lives depend on the accuracy of your work. Your team is on the hook all day, every day. They, in turn, rely on your network. It can't go down, it can't slow down, it must work optimally all day, every day. Never down™. No exceptions.

Engineering firms have been leading the adoption of promising technologies for decades. Computer technologies such as CAD, GIS and 3D modeling, just to name a few, have enabled great advancements. Today, engineering tools that take advantage of the power of cloud computing have the potential to reduce the time and cost of projects by leveraging the processing power of multiple computers in the cloud to visualize, design, and simulate their ideas.

The issue of WAN connectivity, whether it is to connect a firm's distributed offices using a secure VPN, or to connect employees to cloud resources, is of critical importance. Unfortunately, carrier and ISP connections often suffer line degradation and even failure due to construction mishaps, natural disasters, failed equipment and negligence. The need for multiple, disparate data links is often overlooked, even by the brightest minds.

When the flow of data is crucial to your organization, then the transit must likewise be viewed as critical. Redundant links, automatic failover, traffic shaping, load balancing and virtualization should all be considered part of healthy network design. For the sake of business, engineering companies need to make sure their network is never down.

Luckily, Ecessa is an expert in this field. We don't engineer bridges, skyscrapers, or heart valves, but we do design the best WAN link controllers. We will ensure your customers wide area network stays connected, balanced and optimized so systems keep moving.