



OVERVIEW

Evolving technology is making a huge impact on the building design, engineering and construction fields. Sebesta Blomberg stays ahead of the curve by using Building Information Modeling (BIM), 3D laser scanning and other nationally-recognized standards to provide the highest standard of care in all of our markets.

BIM is both a tool and process Sebesta Blomberg utilizes to build an intelligent 3D model of the built environment. This virtual building process improves engineering design and facilitates better collaboration of the project team, including the architect, the owner, designers and the engineer. The effective use of BIM also helps clients and end users in understanding and visualizing the end product. The BIM design tools and process is an extremely practical and efficient method of management. It eliminates many of the uncertainties found during the project's construction phase since they can now be found during the design phase and fixed so they do not occur during the actual construction phase.

Using state-of-the-art technology, Sebesta Blomberg can perform energy analysis and advanced commissioning early in the design phase to reduce operating costs, create a healthy environment and help meet sustainability goals. The large amount of information captured during design, installation, and functional performance testing can be maintained electronically and used interactively to manage and operate your facility throughout its lifecycle. Our priority is to deliver a high-performance building that runs smoothly and proves itself to be efficient for many years to come.