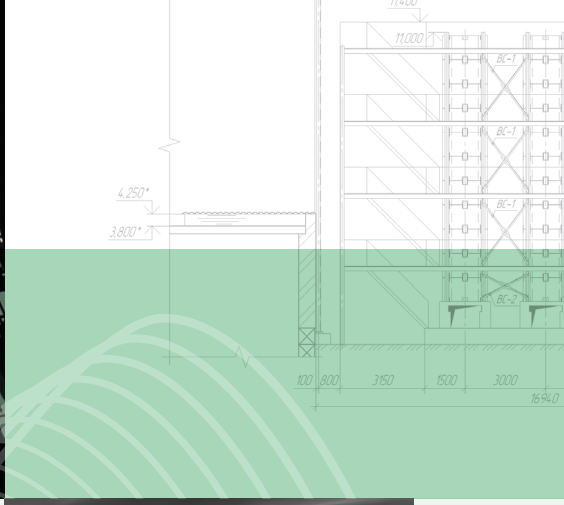




# ENGINEERING REDEFINED



## What sets Simulus apart from the rest, aside from our strong process and mechanical engineering teams?

As a young company, we have been able to carefully select and use the best available engineering and design technology without regard for legacy items such as sunk capital, engineering systems designed for pen and paper engineering and significant training invested in outdated technologies. All of these items hamper large engineering firms from changing and therefore encourages the industry status quo to remain.

By adopting software widely used in other industries, including manufacturing, Simulus has been able to leverage the time and money already spent by companies with the primary focus of doing their job faster, cheaper and better than anyone else. Simulus is now bringing this technology to the engineering and design sector of the minerals industry.

However, the software alone is not the answer. Our systematic approach, work flows and simulation background allow us to provide detailed information and repeatable engineering outcomes significantly faster than anyone else. We call this repeatability-ability.

Utilising this combination of design software, systems and workflows we have developed an integrated project simulation and capital and operating cost estimation tool.

What does this mean for you? Once our tool is established for your project we can provide the required deliverables for each new option within a few hours.

The list below details the full suite of deliverables available at feasibility study level:

- Mass and energy balance
- Mechanical equipment sizing and list
- Area footprints calculated from size of equipment in area
- Plant footprint including allowance for roads and pipe racks
- Piping line list with fluid code, pipe material selected, pipe diameter and length
- Electrical cable type, size and length
- Electrical equipment sizing and list
- Project manning levels
- Civil and structural quantities
- Capital cost estimate
- Operating cost estimate

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