



“Adopting TruckScience has been a huge step forward for our team.

We can ensure that the units we design meet all of the end user’s requirements for equipment and functionality. Sharing the reports greatly enhances communication with our Engineering colleagues.”

Kyle Pankratz
Acquisition Specialist, City of Calgary, Alberta, Canada

Calgary is the most populous city in the western Canadian province of Alberta. The City provides a wide range of services, including Water Treatment & Supply, Waste & Recycling, Roads, Public Transit and Parking.



Before TruckScience

Kyle Pankratz and a team of Acquisition Specialists are responsible for spec'ing and purchasing vehicles for a fleet of over 2500 units at City of Calgary.

Before TruckScience, the team was already doing load distribution calculations using a system called Load Xpert. Faced with the challenge of working from home during the Covid-19 pandemic, they searched for an alternative which was not dependent on a physical key to log in, and would provide a realistic visual representation of their trucks.



Implementing TruckScience

“The TruckScience program is intuitive, and the free support has always been fantastic and very easy to get hold of. We use the program to demonstrate the trade-offs of alternative layouts to the end user, for example, comparing the effect of a rear-mount crane to that of a mid-mount crane.

The program is backed by a library of chassis specs, so fuel and crew weights are automatically added for the unit in question. Specifying the center of gravity of load items, then dragging and dropping them on the load deck, accurately simulates different load plans.”



Impact of TruckScience

“Using TruckScience allows us to work closely with internal stakeholders to deliver safe, legal and efficient vehicles that meet the requirements of the end user. Our end users love seeing the graphical reports, and our Engineering team in particular values the ‘top view’ of the load plan. The reports are signed off by Engineering, as part of our internal approval system.

Knowing that our trucks are fully compliant brings peace of mind, and being able to use the program on any device at any location has given us great flexibility, as we adapt to working through the pandemic.”



Favorite Feature

“My favorite feature is the ability to plan loads accurately. We can specify the center of gravity of individual load items, and drag and drop them along the load deck, to see how their positions affect weights. The visual representation, in side and top view, and color-coded compliance indicators, make it very easy to refine our loads.”