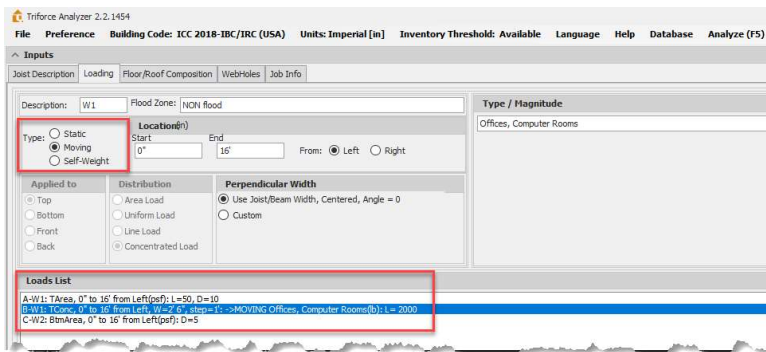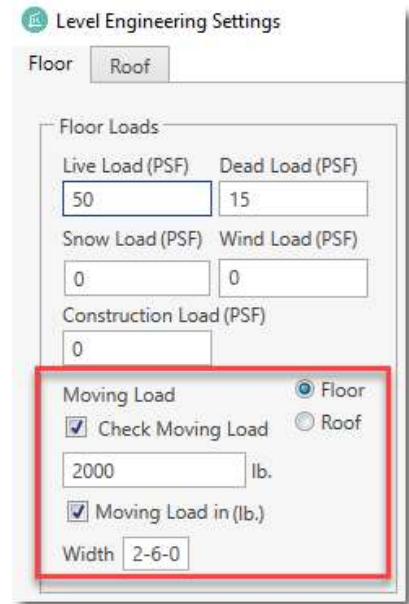Barrette Structural Distribution, Inc. is proud to announce its new version of TRIFORCE® Analyzer (Plugin). This update contains small bug fixes and new improvements:

Safe Load / Moving load application

The Safe load / Moving load entries in CSD iStruct interface are now automatically transferred and consumed by our TRIFORCE design engine (below).

CSD iStruct interface

In CSD iStruct interface (right), the user enters the correct loading magnitude and width (surface area) as per building code requirements. The information will be sent to our TRIFORCE Analyzer engine to run the correct load cases. Specified entries

United States Building Code requirements		
Usage	Applicable Safe load (lbs)	Applicable surface
Offices, Computer Rooms	2000	30'' x 30''
Libraries, Schools, Stores	1000	30'' x 30''
Roofs	300	30'' x 30''

Canadian Building Code requirements		
Usage	Applicable Moving load (lbs)	Applicable surface
Offices, Industry, Hospital, Stage	2023.8	30'' x 30''
Class rooms	1011.64	30'' x 30''
Roofs	300	8'' x 8''

Please note that these special load cases must be used for Safe load / Moving load Code requirements only. It should not be used for other usages. Please contact the project engineer or if you need additional information, please do not hesitate to contact us.

IMPORTANT NOTICE

In keeping with its ongoing commitment to product development, Barrette Structural Distribution periodically update its TRIFORCE® Analyzer software. To help our engineering team and to assure you a prompt service, please note that we will not support any previous version. Please make sure you update to the latest version and verify your program settings at your earliest convenience.

If you have any question concerning our TRIFORCE® Analyzer, please do not hesitate to contact us at:

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