



DEMOLITION VISUAL EFFECTS FROM PREVIZ TO FINAL CUT

TSNSTUDIOS (TSNS) TECHNOLOGY ALLOWS FILMMAKERS TO EMPLOY DEMOLITION SCENES VIRTUALLY, IN A FRACTION OF THE TIME, WITH GREATER REALISM, AND WITH MORE OPTIONS. TSNS HAS DEVELOPED THE SLAM PROCESS TO TRANSFORM ENGINEERED SIMULATIONS INTO DEMOLITION ANIMATIONS READY FOR RENDERING AND COMPOSITING. *PRE-BREAKING* AND *DIGITAL GLUE* ARE THINGS OF THE PAST.



BLAST

Using Extreme Loading® technology, TSN Studios simulates blast sequences with engineering accuracy. SLAM blast simulations offer unprecedented visuals of structural collapse and material separation closer to reality than any other technology in use today.



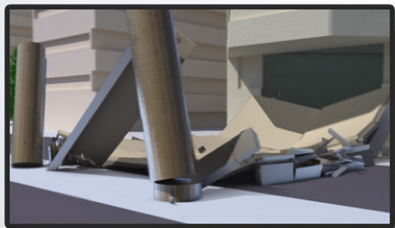
IMPACT

When faced with the challenge of creating visual effects for moving objects or structures SLAM impact simulations offer object trajectory, movement, rotation and impact on surrounding structures plus the power to automatically detect and track cracks and their propagation throughout the structure.



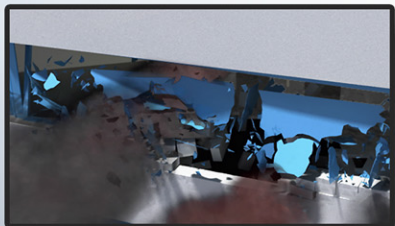
COLLAPSE

Take the guesswork out of your demolition visual effects projects. Using advanced Extreme Loading® technology, SLAM simulations accurately show structural collapse based on real-time blast/implosion and impact sequences, including generated debris fields and their interaction with surrounding elements and structures.



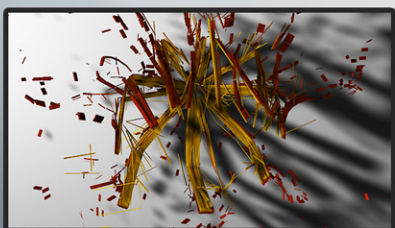
SEISMIC

Using the advanced Extreme Loading® technology seismic simulations shake things up. Simulations include cracking, the crushing of elements, and interaction with surrounding elements and structures.



GLASS

Extreme Loading® technology is the only analysis method for accurately analyzing the behavior of glass during impact and shattering. SLAM automatically creates glass shattering for dynamic loads and object impacts. Animators no longer have to determine failure points of impact, timing of the blast and cracking patterns.



ORGANIC

Extreme Loading® technology is versatile. By programming material properties associated with the desired effects, SLAM simulations can quickly illustrate desired effects found in nature (i.e. the destructive forces on trees and other organic matter).