All traditional sonic and ultrasonic actuators or transducers available on the market today oscillate in a relatively simple constant-frequency, contraction-extension vibration mode.

In contrast, the patented MPI Solutions “Multi-frequency, Multimode, Modulated Sonic & Ultrasonic” actuators operate at certain optimal resonant frequencies. This, in combination with a continuously applied frequency and amplitude modulation, agitates or excites many resonant modes, harmonics and subharmonics of an object

The result is a ~~completely~~ (it is very much uniform and better than others are doing, but not completely) uniform and well distributed vibrational agitation. Less effective spatially and steady macro standing waves are now avoided.

This is very beneficial for a number of basic applications and technologies such as...

It is being read by someone with no idea about technology or US!