

How do I know I haven't got cross-talk from adjacent machines ?

If you are familiar with Vibration monitoring then you'll be wary of a CM instrument that gives an overall reading since at low vibration frequencies there is very strong cross talk (or sympathetic resonances) between adjacent machines. At high AE frequencies the changes in shape and material in which the waves propagate rapidly attenuate such distant activity. Experience shows that there is less than a 1% chance of cross-talk problems from adjacent machines on the rotating machinery we are asked to monitor across the whole of industry.