

# Some common EMC challenges

when producing products for the marketplace



Increased clock speeds that creates a greater potential for radiated emissions.

Lower logic voltage levels that creates a greater potential for susceptibility to noise.

A proliferation of wireless communication devices that increases the risk of interference.



We don't want the anti-lock braking system to fail because we are driving near a high power radio transmitter.



We don't want a hearing aid to receive the low frequency emissions of lighting system in a building.



We certainly don't want to hear the motor and spark plugs over our car's radio.

**How can these challenges be overcome?** Thoroughly testing the products to find and eliminate problems and to validate that these products are compatible in an EM environment. That is where MVG can help.

MVG provides anechoic chambers and absorbing materials for antenna and **EMC measurement and testing** as well as RF and EMP shielding. With our SmartShield™ construction technique and the expertise of our team, we can help you avoid the most common EMC challenges.

Contact us today or Visit us at the IEEE EMC Society Seattle Chapter on March 23<sup>rd</sup>!



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[www.mvg-world.com](http://www.mvg-world.com)

[salesteam@mvg-world.com](mailto:salesteam@mvg-world.com)