

MRI Shield Upgrade Considerations

Determining the total costs, short and long term, to modify your existing MR shield to accept your new magnet upgrade is not a simple exercise.

Here are some important facts to remember as you are putting together your budget...



- *No visible RF artifacts with your existing shield does not guarantee it will meet new magnet requirements*
- *New MR Vendor will require RF certification test of current shield performance to assure it meets new magnet requirements before accepting decision to re-use*
- *MR Vendor will not guarantee new magnet image performance unless shield meets new system's RF specifications*
- *Minimal modifications will include new and/or relocation of MR Vendor penetration panels and possibly new or additional magnetic shielding. Such modification costs will be dependent on shield vendor design adaptability*
- *Verifying balance of existing shield warranty and determination of the limited warranty on necessary modifications can affect future usage costs*
- *Diagnosis of existing shield problems may be difficult and expensive to address in terms of cost and project schedule*
- *Existing Shield design may not adequately address new MR Vendor acoustics and isolation issues, and how these issues may impact surroundings.*

IMEDCO has the experience to help you better understand the total costs of a shield upgrade. Talk to us before you make this important decision.

