



Move your facility to the  
forefront of MRI safety  
with one complete solution

Putting MRI safety first



## Unintended ferromagnetic items entering MRI Zone IV continue to cause accidents

Despite everyone's attention and effort, the number of incidents continues to increase

MRI projectile incidents result in:

- Life threatening injury to your patients and staff.
- Serious damage to your valuable imaging technology.
- Costly disruption to your patient throughput.

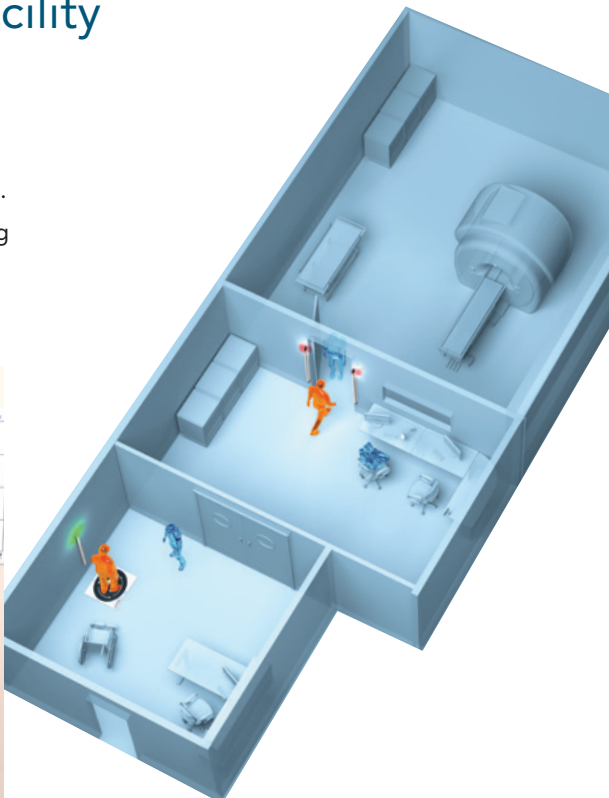
Professional and regulatory bodies around the world now require or recommend provision of ferromagnetic detection systems (FMDS) in MRI facilities. Including Facilities Guidelines Institute (FGI)<sup>1</sup>, American College of Radiology (ACR)<sup>2</sup>, Medicines & Healthcare products Regulatory Agency (MHRA)<sup>3</sup>, and others.

## Ferroguard® systems work together to protect your facility

### FERROGUARD SCREENER:

Fast, effective Zone II screening for small hidden risk items.

- Detect risk items that others miss.
- Find ferromagnetic implants using superior Fluxgate sensors\*.
- Faster, more reliable and more consistent than hand wands.



### FERROGUARD ASSURE:

Trustworthy detection of risk approaching Zone IV. Preventing catastrophe.

- Always on, always detecting, providing you with time to react to prevent an accident.
- Mounted in Zone III, outside the door, for assured compliance and safety.
- Clear, simple alerts using Visual Early Warning (ViEW®) technology.

# Leading the way in usability



## Designed for safety first

Patented technology ensures Ferroguard Assure is always installed outside the MRI doorway, even with outswing doors. Clear, visible alerts before you open the door, and no detection gaps.



## The most advanced sensors

Ferroguard Assure's advanced Fluxgate sensors uniquely see approaching risk items well in advance of the MRI doorway, so you can be confident that you will receive a clear alert before, not beyond the threshold.

Ferroguard Screener's unrivalled sensitivity has made it the system of choice for ferromagnetic implant detection investigations\*.



## The most intelligent alerts

With Ferroguard Assure's Smart Alarm™, alarm fatigue is an annoyance of the past, ensuring staff are alerted and pay attention to real risks with adequate time to prevent an accident.



## Longer life, more robust design

Elegant, ruggedized aluminum construction survives patient trolley collisions, avoiding repair costs and providing years of trouble free service.



## The quality you expect

Ferroguard systems are the only FMDS designed and manufactured under international ISO9001 quality controls – crucial for a key element of your patient safety system.

Have confidence that Ferroguard systems are the "next generation" FMDS, now providing patient safety and facility protection, together with real-world usability

## Ferroguard - because the safety of your patients is always your first priority

To ensure all of your patients benefit from the enhanced safety Ferroguard will provide

Choose Ferroguard-Approved Zero-Magnetic™ patient transfer equipment.

MR Conditional to 7T Robust construction, designed for a long life.





# We partner with you to put MRI safety first

Keeping your facility at the forefront of MRI safety.

## Compliance

Zone II and III FMDS solutions, located to fully comply with developing national guidelines including American College of Radiology, ACR.

## Confidence

Always on, always detecting. Ferroguard technology will provide you with clear and simple alerts before risk items reach Zone IV.

## Quality

Designed and manufactured under ISO9001 international quality standards. Ruggedized yet elegant, to fit right into your facility.

## Trust

Designed and built by Metrasens, supplied and supported by your local, certified Ferroguard MRI safety specialists.

## SUPERIOR SUPPORT MEETS INDUSTRY-LEADING TECHNOLOGY

Metrasens will support you to achieve full adoption of your FMDS. Only Metrasens has the expertise to advise on team education and safety process optimisation. Becoming a Ferroguard facility adds value that only premiere partners can deliver.

Customer service is always our number one priority. Careful planning, painless installation, reliable service and support are always at the top of our agenda. With Metrasens, you can be sure that certified Ferroguard engineers will install your patient safety systems and provide the support you need for years to come.



1. 2014 FGI Guidelines for Design and Construction of Hospitals and Outpatient Facilities. Published by the American Society for Healthcare Engineering of the American Hospital Association.

2. ACR Guidance Document on MR Safe Practices: 2013. J. Magn. Reson. Imaging 2013;37: 501-530

3 Safety guidelines for magnetic resonance imaging equipment in clinical use. 2016, Medicines and Healthcare products Regulatory Agency.

\* Ferroguard Screener is not an approved product for implant detection and may be used for indication only. Metrasens accepts no responsibility for any adverse consequences arising from positive or negative indications of implants.



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