



SOLUTIONS FOR MRI ROOMS



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ALBATROSS PROJECTS

As experts in high-precision electromagnetically shielded rooms, we use our decades of experience to help create optimal conditions for MRI environments.

From initial planning to installation, whether it's a complete turnkey project or a modular kit, we tailor our shielding solutions to meet specific project requirements. Our focus is on providing flexible, reusable solutions that ensure seamless functionality. In addition, we offer comprehensive support through services, testing, and a range of shielding accessories to maintain uninterrupted operation..

SHIELDING

ACCESSORIES

MRT

SERVICE &
TESTING

SHIELDING
RETROFIT

[01]

[02]

WHY ALBATROSS PROJECTS?

start with trust.

[03]



TURNKEY
INSTALLATION



SHORT ASSEMBLY
TIME



OUR GALVANIZED
PANEL DESIGN DO NOT
NEED WELDING OR
SOLDERING WORK ->
NO FIRE HAZARD



EASY
ENLARGEMENT,
REBUILDING OR
REMOVAL THROUGH
MODULARITY



DELIVERING CUSTOMIZED,
HIGH-PERFORMANCE
SHIELDING SYSTEMS
(GALVANIZED & COPPER
SHIELDING)



SEAMLESS
INTEGRATION FROM
DESIGN TO
INSTALLATION



ALL-ROUND
SERVICE:
DOOR MAINTENANCE



SHIELDING
EFFECTIVENESS IN
COMPLIANCE WITH
NSA 65/6

[04]

ALL-AROUND PACKAGE

Modular System self-supporting construction

Tailored Solution "Fit-in Design"

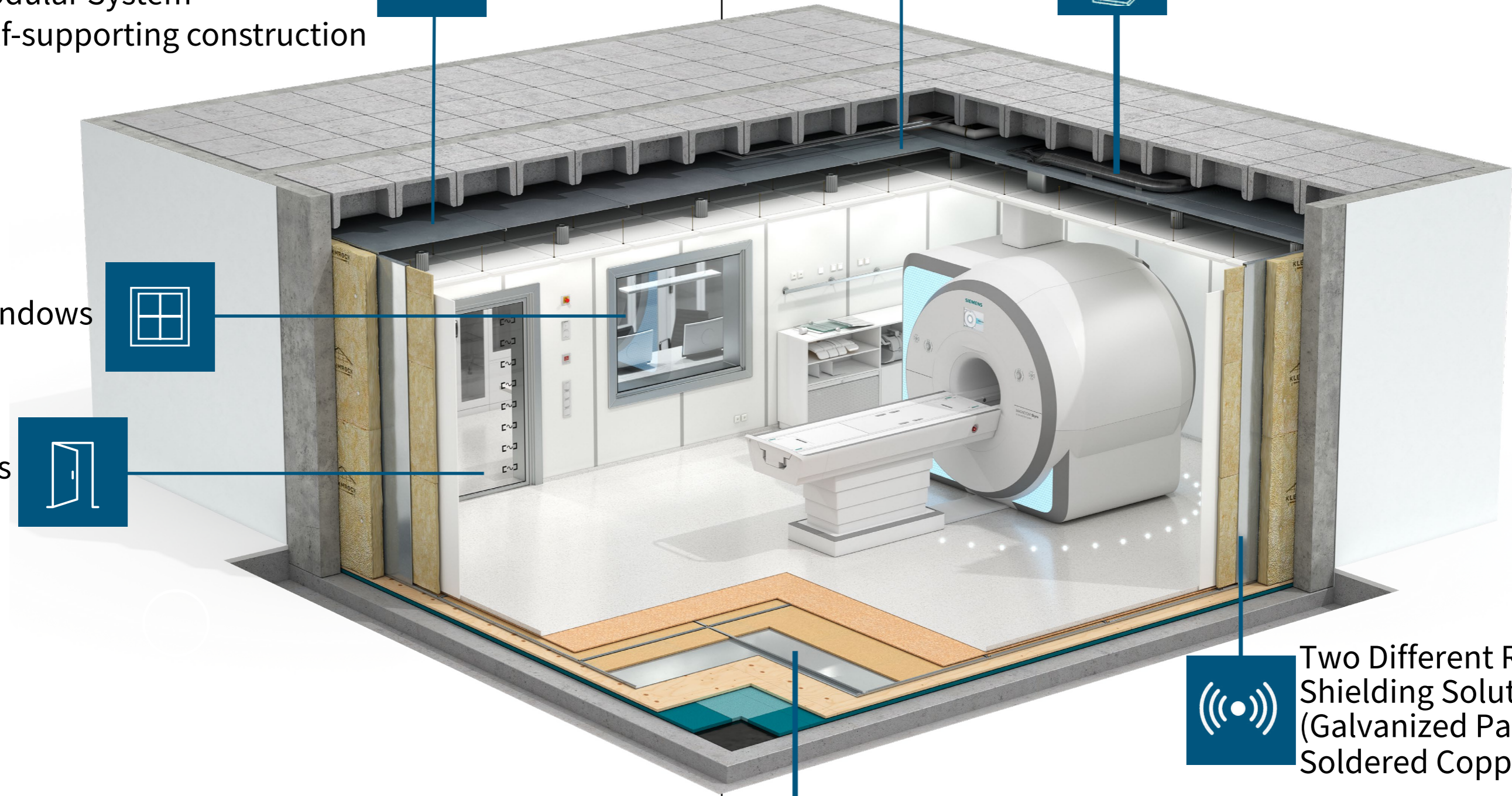
Quench Vent

MRI Windows

MRI Doors

Two Different RF Shielding Solution (Galvanized Panel / Soldered Copper)

Magnetic Shielding (Optional)



WINDOWS & DOORS



RF TIGHT WINDOWS

- High frequency tight
- High-quality ESG safety glass
- Reassurance for the patient through visual contact
- Different sizes & options:
 - Observation window
 - Daylight window
 - Privacy/Smart Glass (Optional)

**FULL
PERSPECTIVE**

DOORS ARE OUR STRENGTH

- Gapless, high and homogeneous contact pressure guarantees maximum shielding performance
- Various designs & sizes:
 - Standard
 - fully glazed
 - barrier-free
 - fully automatic doors with touch screen option.
 - Privacy/Smart Glass (Optional)

**CONVENIENT
ACCESS**

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MORE OPTIONS



BUILDING INFORMATION MODELING

- **BIM-Enhanced Project Coordination:** We utilize BIM for improved collaboration, precision, and efficiency in RF shielding projects.
- **Tailored BIM Solutions:** Our custom BIM 3D models ensure seamless integration and project visualization.

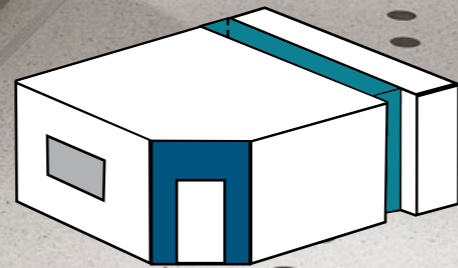


MODULE BY MODULE TO THE INDIVIDUAL SOLUTION

The modular construction method of Albatross Projects offers the freedom to create individual solutions. No matter if it's for special designs with corner bevels, column or ceiling beam conversions.



FLOOR PLAN



SPATIAL REPRESENTATION



SAFETY FOR PATIENTS AND STAFF

A homogeneous magnetic field is essential for the safe operation of the MRI scanner. During planning, all conditions are taken into account and, if necessary, additional shielding is integrated.



ADAPTATION TO EXISTING STRUCTURES

Our approach prioritizes maintaining the operational integrity of your existing structure while enhancing safety and performance.

*IN ANY CASE THE
RIGHT SOLUTION*

OUR DOORS



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DOORS

- Albatross Projects Americas GPS is a leader in providing door solutions to the world's most complex shielding problems
- "Our MRI doors stand out with a wide range of customizable options, including various finishes and color choices to suit any design preference."

DOOR UPGRADE/RESTORATION

- Albatross Projects Americas GPS can provide doors as replacements for your existing facility, or as standalone components integrated into your new facility.
- Albatross Projects Americas GPS can also provide a turnkey solution to your complete array of facility needs

MRI DOOR SERVICE PLAN

- Replace any damaged RF gasket or fingers
- Auto door operator Latching system (if applicable)
- Door to frame alignment
- Cleaning, lubrication and adjustment as required Switches (if any)
- Clean all RF contact surfaces
- Verify mechanical operation of door is satisfactory
- Provide RF Test report (annual contracts only)

**VARIOUS
POSSIBILITIES**

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QUENCH VENT SYSTEM

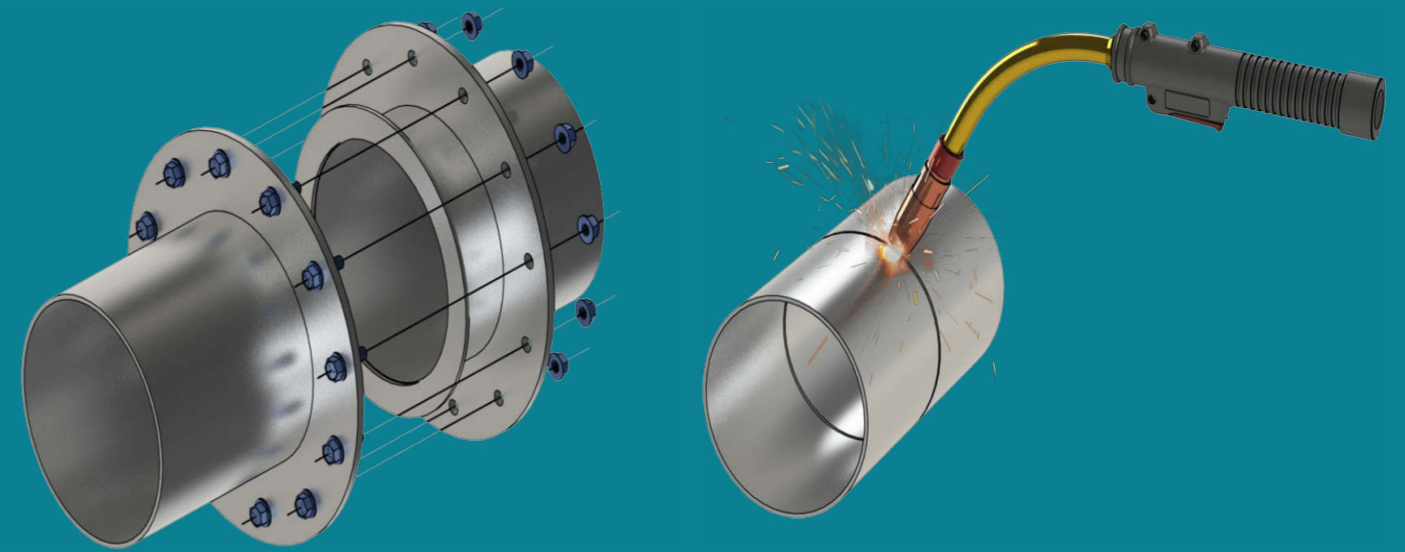
Ensuring MRI Safety: Expert Installation of Cryogen Vent Systems

Cryogen vent systems are an essential part to a MRI's functionality. Most MRI machines use liquid helium (Cryogen) to cool down the superconductive magnet's coil. As cryogens are released to keep the magnet cool, they evaporate into odorless, colorless, and tasteless gases and must be vented safely out of the building with the use of a cryogen vent pipe. Albatross Projects Americas GPS specializes in the supply and installation of these pipe systems. We are familiar with the different specifications of each magnet and can assist in the design calculations before the system is installed.

- Connection Options
- Component Options
- Roof Exit Exhaust Options
- Complete solution

*WHEN SAFETY IS YOUR
PRIORITY, TRUST OUR
EXPERTISE*

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SAFETY WITH
STANDARD
INSTALLATION



[14]

**YOUR
PROJECT**

**INDIVIDUAL
&
A PERFECT FIT**



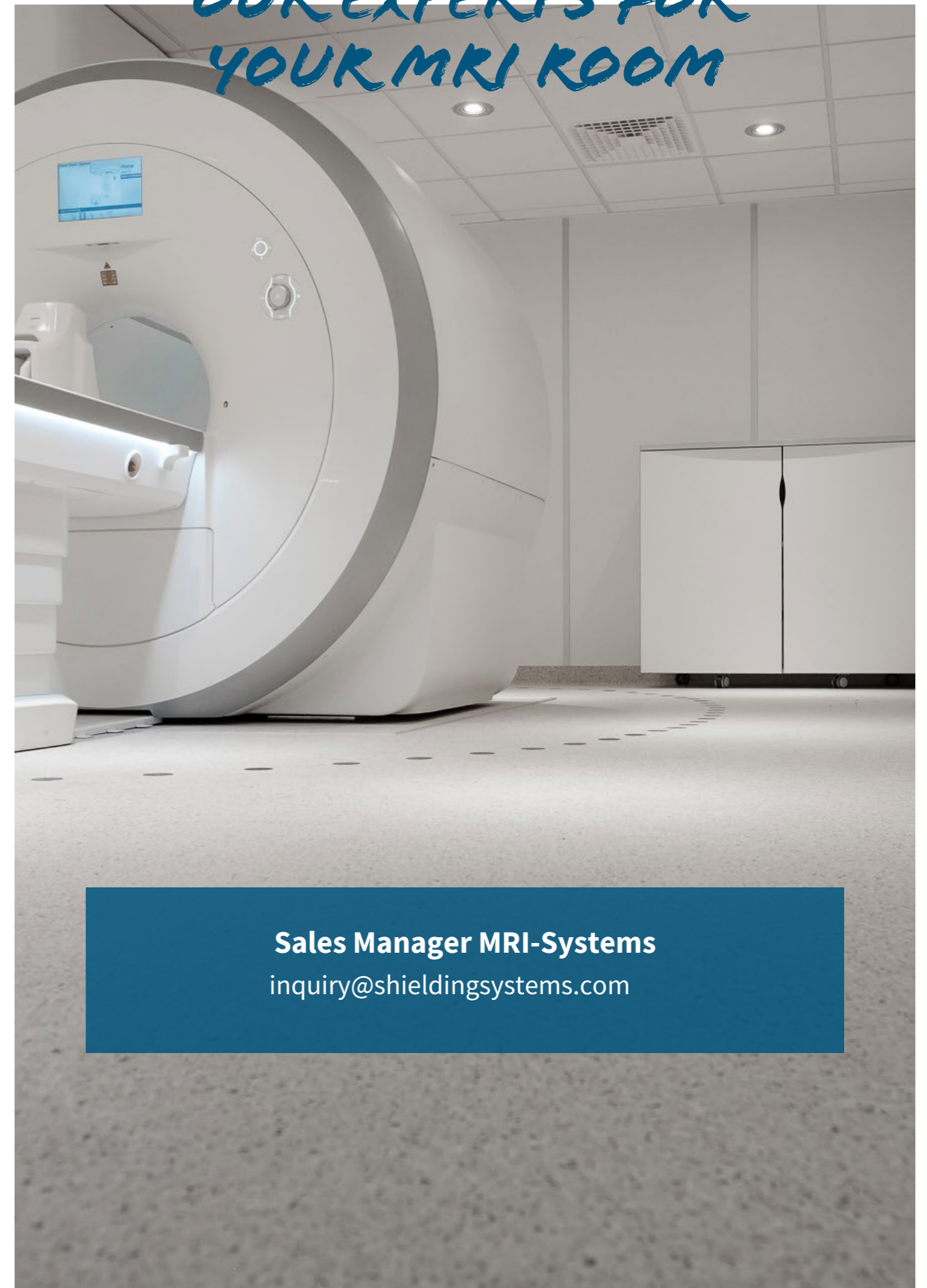
start with trust.

Whether it's for University hospitals, research centres, private clinics, doctors' surgeries or state hospitals, the quality of our products and our years of experience around the world make

us a competent partner for your project.

We adapt to your individual wishes, from new constructions and conversions to extensions.

**OUR EXPERTS FOR
YOUR MRI ROOM**



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