



MODULAR SUSTAINABLE CLEANROOMS

Contamination Control Solutions

www.msc-engineering.com





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Modular Sustainable Cleanrooms

About MSc-ENGINEERING

- **MSc Engineering** is a *forward-thinking* cleanroom engineering company founded by experienced industry professionals.
- Our core team brings nearly *20 years* of international experience in pharmaceutical, biotechnology medical and high-tech projects.
- We have successfully delivered complex cleanroom projects across *Europe and the Middle East*, covering design, engineering, project management, manufacturing, commissioning and validation.
- We specialize in fully integrated, turnkey cleanroom solutions compliant with **GMP, ISO, FDA, and EU** standards—ensuring high performance, reliability and long-term sustainability.

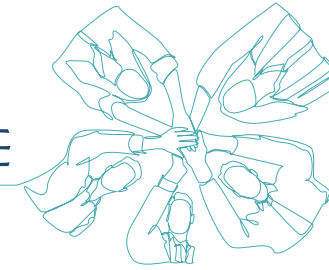
20 TWO DECADES OF EXPERIENCE,
ENGINEERING YOU CAN TRUST

Modular Sustainable Cleanrooms

Our Commitment

- Our commitment goes beyond project delivery.
- We are dedicated to building *long-term* partnerships based on *transparency, technical excellence* and *continuous improvement*.
- We strive to bring innovation, precision and accountability to every project, ensuring that our clients receive solutions that meet the highest standards of quality, safety and operational efficiency.

COLLABORATIVE



EXCELLENCE



Our Mission

- Our mission is to deliver high-end, reliable, and compliant cleanroom solutions for healthcare, pharmaceutical, aerospace, electronics and semiconductor industries.
- Through advanced engineering, precision manufacturing and disciplined project execution, we create controlled environments that support patient safety, product integrity, technological innovation and long-term sustainability.
- By enabling our clients to operate at the highest standards of quality and performance, we contribute to building a healthier, safer and more technologically advanced future for society.

Our Vision

- Our vision is to become one of the leading cleanroom engineering companies within five years, recognized for excellence in design, manufacturing, supply and installation.
- We aim to lead in modular and flexible cleanroom innovation, delivering high-performance solutions compatible with all major structural systems.
- Through continuous investment in technology, talent and quality, we strive to be a trusted partner for high-value projects in the pharmaceutical, medical, semiconductor, and aerospace industries—positioning MSc Engineering among the top cleanroom providers in the industry.

Our Goals

Sustainability

- Optimized HVAC systems
- Low-energy airflow design
- Low-carbon footprint
- Sustainable materials
- Modular, reusable cleanroom components



Flexibility

- Expandable layouts
- Retrofit-ready systems
- Multi-frame compatibility



Continuous Improvement

- Engineering optimization
- Digital project tools
- Team training programs



Professional Memberships & International Engagement

- Member of Cleanroom Technologies Society of Türkiye
- Active participant in the ICCCS 50 Young Professionals (International Confederation of Contamination Control Societies)



MSC Engineering maintains active engagement with both national and international contamination control platforms to ensure alignment with global standards and continuous sectoral development.

Modular Sustainable Cleanrooms

Commitment to Certified Excellence

MSC Engineering follows internationally recognized management systems to ensure consistent quality, sustainability and compliance across all projects.

Our integrated approach combines:

- Quality-driven engineering
- Environmental responsibility
- Medical sector compliance
- Occupational health & safety

This commitment allows MSC to deliver reliable and future-ready cleanroom solutions worldwide.



The graphic features the MSC logo at the top center, followed by the text 'CERTIFIED EXCELLENCE' in large, bold, gold letters. Below this, four dark blue boxes with gold borders display the following ISO certifications: 'ISO 9001:2015 CERTIFIED', 'ISO 14001:2015 CERTIFIED', 'ISO 13485:2016 CERTIFIED', and 'ISO 45001:2018 CERTIFIED'. At the bottom center is the IAF logo, which includes the text 'MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT'. The entire graphic is set against a dark blue background with a subtle pattern of gold particles. At the bottom of the graphic, the text 'MODULAR SUSTAINABLE CLEANROOMS • CONTAMINATION CONTROL SOLUTIONS' is written in gold.

Modular
Sustainable
Cleanrooms

Our Team



Seray Merve DEMİRLİ
Head of Business Development



Arash ZAMANI
Head of GMP & Operational Excellence



Semih GEYİK
Head of Operations



Ömer SAĞIR
Administrative Affairs



Egemen ÇELİK
Site Manager



Zeynep TÜRK UĞURLU
Design Manager

Our Service



Design & Planning

Conceptual and detailed cleanroom design aligned with GMP, ISO, and regulatory standards, optimized for airflow, contamination control, and operational efficiency



Project Management

End-to-end project coordination, scheduling, cost control, and risk management to ensure timely and compliant project delivery.



Turnkey Solutions

Complete design-build-installation solutions, including HVAC, cleanroom panels, utilities, FFUs, Automation and integrated systems.



Consultancy

Technical advisory services covering feasibility studies, regulatory compliance, validation readiness, and operational optimization.



Construction Management

On-site supervision, quality assurance, and safety management to ensure strict compliance with project specifications and industry standards.



Maintenance and Support

Preventive and corrective maintenance, performance audits, and system upgrades to sustain long-term cleanroom reliability.

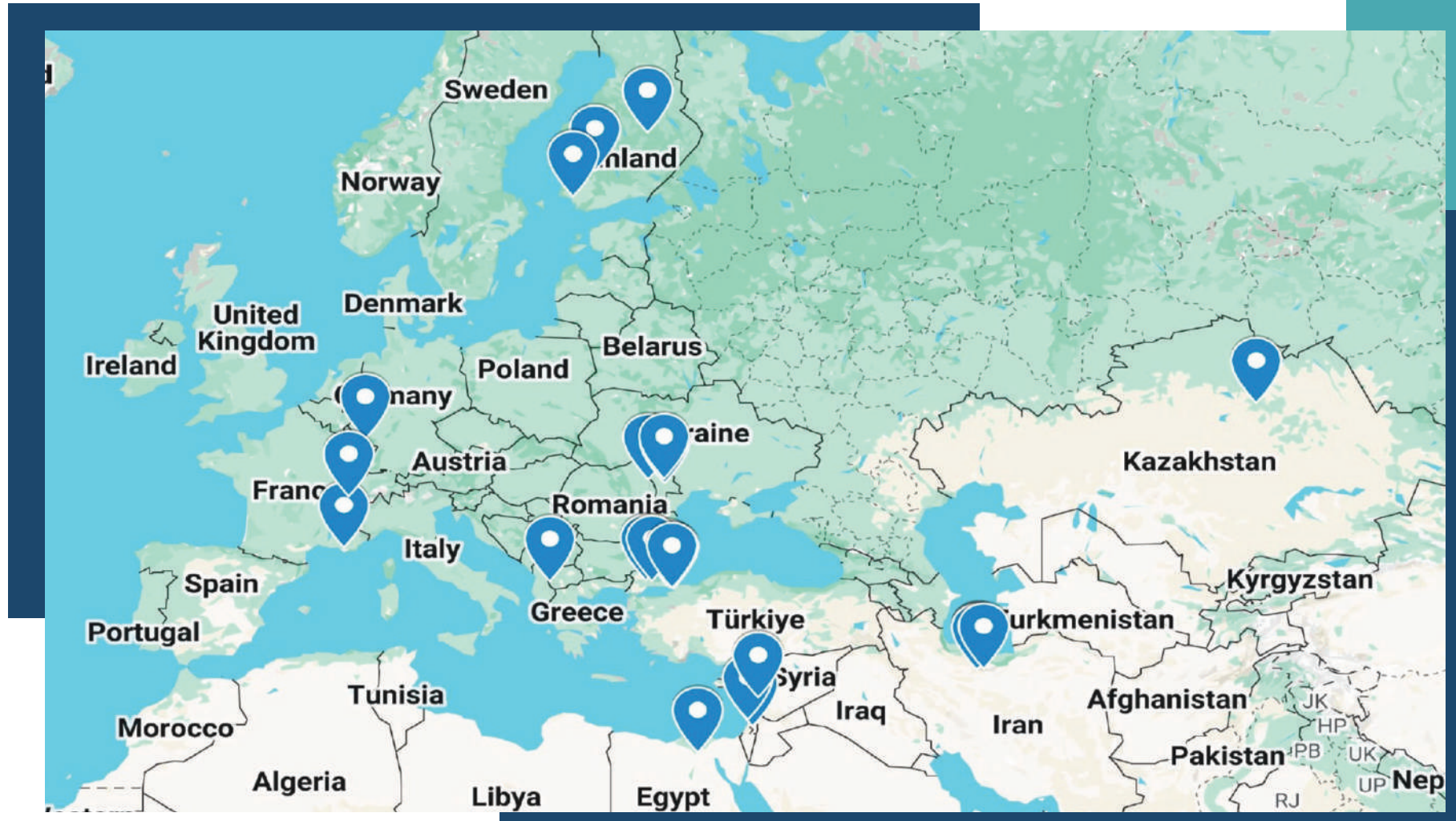


Commissioning and Qualification

Ensuring that cleanroom systems are installed, tested, and perform in full compliance with design specifications and regulatory standards including DQ, IQ and OQ.



Global Cleanroom Experience



- Türkiye
- Finland
- Germany
- France
- N. Macedonia
- Romania
- Moldova
- Palestine
- Iran
- Lebanon
- Egypt
- Israel
- Croatia
- Kazakhstan

Selected Project References



Gallery





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Shaping Cleanroom Excellence

MSC

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