



Loan Amount € 437,703

Grant amount € 65,655

Invested in Siemens MAGNETOM
Sempra

**EU Directives
met** Diagnostic quality,
Health and Safety of
workers and
environmental
protection

Implementation Consultants



Success Story **Ukraine**

Medical Sector

September 2024

Improved Diagnostics in Chernihiv

The 'Tesla Medical Center' in Chernihiv was founded in 2007. The name 'Tesla' was chosen by the founder of the enterprise, paying homage to Nikola Tesla, the brilliant scientist who discovered the magnetic fields, the very foundation of Magnetic Resonance Diagnostics (MRI). MRI, CT and ultrasound diagnostics were the focus of the clinics activities in the beginning. Over time, the company developed into a full-fledged private medical clinic. Today the Tesla Medical Center is the largest private clinic in the Chernihiv region with four branches in the city of Chernihiv and one large branch in the city of Nizhyn. Tesla Medical Center provides high quality but affordable medical services for adults and children.

To improve the quality of its services to the community, the company built a new 1,199 m2 medical center. The MRI department in the new center is designed to cater for the access requirements of patients with limited mobility, including bedridden patients.

With the help of a EU4Business-EBRD Credit Line loan and grant, the company equipped the MRI department with a new Siemens MAGNETOM Sempra. The new MRI machine has superior energy efficiency parameters and lower maintenance costs in comparison to the old one. Especially the machine's consumption of helium is significantly lower than that of older models and will only require refilling every five years.

Having thus strengthened its competitiveness in the domestic market, the new machine also significantly improved the health and safety of the doctors and nurses operating the equipment as well as that of patients undergoing MRI diagnostics.

After the successful implementation and verification of this project, the company will receive 15% of the loan value as a grant incentive, funded under the EU4Business initiative of the European Union.

With the investment, the company now meets a wide variety of European standards, including:

- Regulation (EU) 2017/745 of the European Parliament and of the Council of 5 April 2017 on medical devices
- Directive 2014/30/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility (recast) Text with EEA relevance
- Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC (Text with EEA relevance)