



SHAPING THE FUTURE of eHealth



Company

OVERVIEW



Founded in 2007 in Athens, Greece, Telematic Medical Applications Ltd (TMA) stands at the forefront of telemedicine and eHealth integrated solutions. TMA specializes in creating innovative solutions that combine advanced health information systems and state-of-the-art medical equipment. Our services are designed to provide accessible, cost-effective healthcare through cutting-edge technology and Artificial Intelligence, ensuring reliable and instant communication between doctors, patients, and medical equipment globally.



OUR Mission

At TMA, our mission is to utilize the latest advancements in technology to improve the quality of life and healthcare accessibility for patients worldwide. By integrating Ai-powered systems with health information technologies, we aim to deliver proactive, preventative care that reduces costs and enhances patient outcomes. Our solutions are tailored to meet the diverse needs of various industries, from healthcare facilities and maritime operations to remote and underserved communities.



Key Services

AND SOLUTIONS



TMA offers an array of cutting-edge services and solutions tailored to meet diverse healthcare needs. Each solution is crafted to enhance medical accessibility, ensure patient safety, and provide reliable and secure health data management. Our portfolio includes the following key services and solutions.

1

Noah Ark of Health (No.A.H.)

Specifically designed for maritime use, No.A.H. is a portable, self-contained telemedicine system. It supports accurate patient assessments with integrated medical devices and a robust, user-friendly interface certified by Inmarsat.

2

ePokratis Health Cloud Welfare

An electronic personal health record system with telemedical capabilities, allowing patients and authorized medical personnel to access and manage health data securely online.

3

Portable Diagnostic Units

Our portable telemedicine units include diagnostic devices such as blood pressure monitors, glucose meters, 12-lead ECGs, pulse oximeters, spirometers, and more. These devices transmit data securely to specialized medical professionals for real-time analysis and advice.

Key Services

AND SOLUTIONS



At TMA, we are dedicated to advancing the frontiers of medical technology to enhance the services we provide to our patients and partners. Our Ai-driven solutions are meticulously crafted to integrate seamlessly into daily routines, thereby elevating the efficiency and effectiveness of healthcare delivery.

4

Ai-Powered Vital Sign Monitoring

Launching this year, our Ai application allows users to measure vital signs remotely using just a camera. This tool provides information on heart rate, mental stress level, oxygen saturation, HRV, and more, making it accessible via smartphones, tablets, and laptops without additional wearables.

5

Health Emergency Medical Services (HEMS)

TMA supports hospitals, insurance companies, and patients by utilizing telemedicine systems with Ai capabilities, reducing costs, and minimizing patient stress while expanding healthcare capabilities.

6

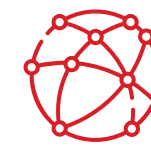
Healthcare Content Management (HCM)

Comprehensive solutions for consolidating and managing medical data efficiently, ensuring secure and accessible healthcare information.

NOTABLE

Achievements

TMA has recently achieved several significant milestones, particularly in collaboration with the Hellenic NHS



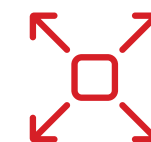
The National Telemedicine Network of Hellenic NHS

Successfully connected 32 healthcare centers on Greek islands with 12 hospitals in Attica, enhancing accessibility and quality of care.



European R&D Initiatives

TMA's Research and Development Department actively participates in various EU-funded initiatives, focusing on the integration of AI and robotics to advance healthcare systems and enhance service delivery across Europe.



Expansion of the Hellenic NHS

Currently in the process of connecting an additional 312 healthcare centers across the Hellenic NHS, further extending the reach of telemedicine services.



Syros General Hospital

Transformed the hospital into a fully digitalized network system, streamlining operations and improving patient care.

Research & Development



Personalized Well-Being and Workplace Support for Older Employees

WorkingAge collaborated closely with a representative group of older employees to explore measures aimed at improving their overall well-being, with a particular focus on workplace support. Personalized guidance plays a key role in this process, as every individual has unique needs. By actively listening to users and understanding their diverse requirements, WorkingAge leverages state-of-the-art deep learning technology to tailor its guidance to each individual's personality.



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 826232.



Revolutionizing Healthcare and Enhancing Workforce Well-Being

HosmartAI is an initiative dedicated to transforming healthcare systems through the integration of AI and robotics. The project aims to develop an open, unified platform that facilitates the adoption of digital technologies while providing tools to evaluate their benefits for healthcare professionals, patients, system managers, and organizations. Its vision is to strengthen Europe's healthcare systems, making them more efficient, resilient, and capable of delivering better outcomes. HosmartAI brings together a consortium of European technology stakeholders, including SMEs, industry leaders, research centers, digital hubs, and universities. The mission is to seamlessly integrate digital and robotic technologies into healthcare environments, offering a collaborative space for developers to design, implement, and evaluate innovative AI solutions.



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101016834.



Ai-Driven Edge-to-Cloud Continuum for Self-Aware Environments

The Internet of Things (IoT) has unlocked new opportunities to enhance safety, enable automation, and achieve significant cost and energy savings. However, the rapid proliferation of connected devices has led to an exponential increase in data generation, straining network infrastructures. According to IDC, the data generated by connected devices is projected to exceed 40 trillion gigabytes by 2025. To efficiently manage this data surge, analyzing it closer to its source, rather than relying solely on centralized data centers, is essential. Edge processing minimizes network congestion, reduces energy and operational costs, and supports the stringent requirements of low-latency applications.



Funded by the European Union under the Grant Agreement No. 101092968. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union. The European Union cannot be held responsible for them.



Framework for Combating Childhood Obesity Utilizing the EU Biobank

BIO-STREAMS aims to develop a comprehensive and integrated solution to address childhood obesity by targeting key factors across multiple dimensions. These include health data management, knowledge dissemination, risk assessment, preventive strategies, healthy living interventions, and community engagement. By utilizing the EU Biobank, harnessing micro-moments, and integrating mobile recommendation systems, BIO-STREAMS seeks to create a holistic approach that empowers children, families, and communities to effectively combat obesity.



Funded by the European Union (BIO-STREAMS, 101080718). This work has received funding from the Swiss State Secretariat for Education, Research and Innovation (SERI).



Innovations and Future Outlook

TMA continuously strives to be proactive in the field of telemedicine, consistently developing new methods and Ai systems to maintain a competitive edge. Our commitment to innovation ensures we remain leaders in providing advanced telemedicine solutions. As telemedicine gains broader acceptance, TMA is poised to expand its reach and impact, contributing to a healthier and more connected world.



CLIENT Commitment

We believe in providing high-quality, cost-effective solutions that meet the needs of our clients. Our 24/7 support ensures that clients receive timely assistance, fostering trust and long-term partnerships.

T M A Leadership

Under the visionary leadership of Dr. Philip Sotiriades, TMA leverages its expertise and partnerships with leading institutions like NASA and Silicon Valley to deliver top-notch telemedicine solutions. Dr. Sotiriades' commitment to advancing telemedicine and eHealth has positioned TMA as a trailblazer in the industry.



NEW 

Research Proposals



Telemedicine
Pilots



Clinical Trials via
Telemedicine



Health Data
Analytics



eHealth Mobile
and Web Apps



Gamification -
Serious Games



Hospital Information
Systems



Ai Empowered
Telemedicine Solutions



New Medical
Sensors



Ai Empowered
Medical Imaging



Maritime
Telemedicine



Educational Material
for Schools

Conclusion

TMA is not just shaping the future of healthcare; we are actively creating it. With our innovative solutions, dedicated team, and unwavering commitment to excellence, we are transforming the way medical services are delivered and accessed worldwide. Join us on this journey towards a healthier, more connected future.



**TELEMATIC
MEDICAL
APPLICATIONS**



151 Al. Papanastasiou Avenue,
Piraeus, PC 18533 , Greece



+30 211 1165 330



info@tma.gr



www.tma.gr



ISO 9001:2015
ISO 14001:2015
ISO 45001:2018
ISO 37001:2016
ISO 22301:2019
ISO 13485:2016
ISO 27701:2019
ISO 27001:2022