Customer Case Study

Improving diagnostic access for 1.5M citizens in Northern Greece

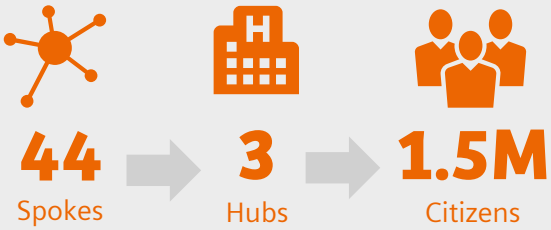
Consolidating 44 labs to 3 core labs with Atellica Integrated Automation

4th Health Region of Macedonia and Thrace

9 Regions of Northern Greece

The 4th Health Region of Macedonia and Thrace (YPE) territorial responsibility extends over 9 regions with population served of 1.5 million citizens.

- Public Network
- 3 Hubs and 44 spokes
- Up to 400 samples/hour



Challenges

- Fragmented laboratory infrastructure across 9 regions
- Limited diagnostic access in remote and border regions
- Shortage of medical staff
- Increasing testing demand

Risks

- Delayed diagnostic results
- Inconsistent quality of care
- Risk of sample loss during transport
- Patient and clinicians' dissatisfaction

Objective

- Equal diagnostic access across urban and rural areas
- Faster and more reliable laboratory services
- Improved coordination across the regional healthcare system

↗ **Learn more about Atellica Integrated Automation**

SIEMENS Healthineers

Atellica Integrated Automation enables same-day results and improves turnaround time and operational efficiency

Solution

- **Investment in transformation**
- **Regional approach to diagnostic modernization**
- Centralization of routine testing into **3 core labs**
- New benchmark and **state of art diagnostics solutions**



Configuration: 3 systems with Atellica Integrated Automation (AIA)

Outcomes

- **Expanded diagnostic access to 1.5M citizens** with existing resources
- **Testing volumes doubled** with fast, high-quality results and 10/10 clinicians and staff NPS
- **Same-day diagnostic results** for faster clinical decisions
- **Automated workflows** improving efficiency, safety, and productivity

1.5M
citizens supported by the network

1 Day
immunoassay results vs. 3 to 5 days

+43%
increase in testing Volume

79%
cost reduction with expansion 8.8x

"We are committed to ensuring equal, high-quality healthcare access for every citizen, investing in infrastructure, people, and innovation to continuously improve health services across our region."



Dr. Panagiotis Boyatzidis
General Director of the 4th YPE
Assistant Professor at University of Western Macedonia

"Our priority was a solution that combined reliability, speed and scalability, requirements fully met by the Atellica IM platform, enabling network- wide standardization and growth."



Christina Chatzifilippidou
Lab Director, Biopathologist 4th YPE

Success Factors

1. Advanced Innovation
2. Trusted Partnership
3. Elevated Patient Experience

The statements by Siemens Healthineers' customers described herein are based on results that were achieved in the customer's unique setting. Because there is no "typical" hospital or laboratory and many variables exist (e.g., hospital size, sample mix, case mix, level of IT and/or automation adoption) there can be no guarantee that other customers will achieve the same results.

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