

Customer Case Study



35% Faster Results with No Separate STAT Workflow

A concept designed for performance at Hôpital de la Citadelle

Hôpital de la Citadelle



Liège, Belgium



Hospital Profile

The Citadelle hospital in Liège is one of the largest hospitals in Wallonia, the French speaking part of Belgium. They are located in 3 different sites (Citadelle, Laveu and Herstal).

- Public hospital
- 900 beds
- 40 sampling centers
- 650K samples annually



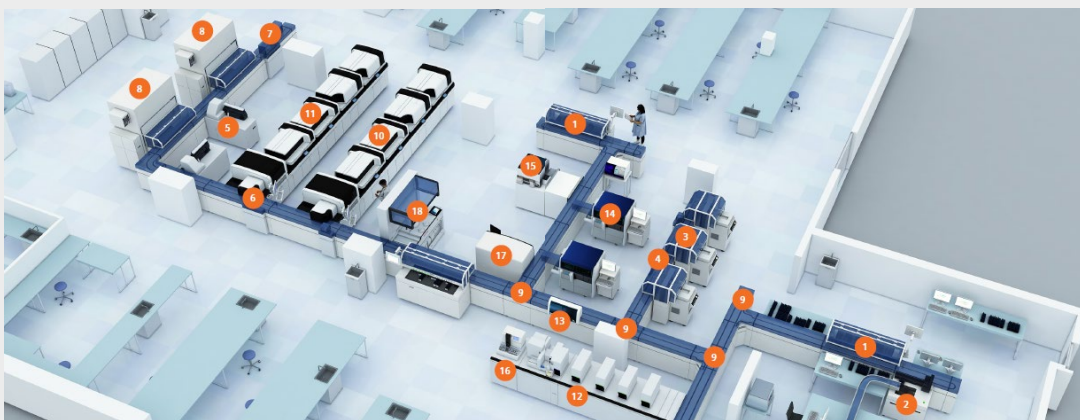
Challenges

- Separate STAT workflow required with legacy solution
- Staff tied up in manual tasks



Risks

- Maintaining separate workflows for routine and STAT samples required additional coordination and manual effort



➤ **Automation with less limitation**

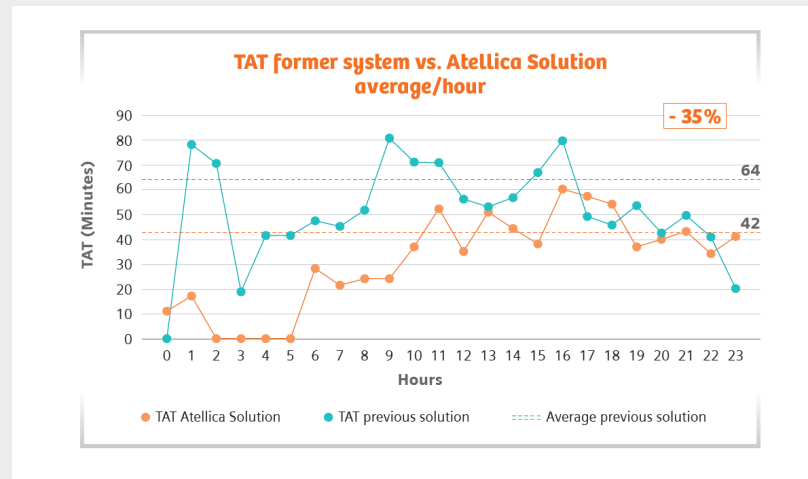
Efficiency in Action: Shorter TAT and Greater Testing Throughput



Solution

The Siemens Healthineers solution* integrated Atellica Diagnostics IT to:

- ✓ Deliver **faster TAT** by optimizing sample routing
- ✓ **Automate exception handling** for urgent samples, reruns, reflex add-ons, batch testing, dilutions, short samples, sample issues, and QC.



Outcomes

- ✓ **22-minute reduction** in weighted average TAT at Hôpital de la Citadelle after implementing the Siemens Healthineers solution
- ✓ **35% shorter average TAT** for routine and STAT samples on Atellica® Solution vs. previous system, measured hourly over two days

↓ **35%**

Reduction in TAT for both routine and emergency samples (Reduced by average 22 minutes)

↑ **34%**

Increase in test volume without exceeding 84% of capacity

Success Factors

1

Unifies routine and STAT sample management, simplifying manual steps through automated workflows.

2

Accelerated turnaround times and expanded operational capacity, paving the way for scalable future growth.

“Aptio Automation really allows us to best meet our analytical and organizational needs. We have been able to connect many new analyzers to our automation system, and we continue to look at the future to make the laboratory as connected as possible.”



Jérôme de Marchin
Pharmacien Biologiste
Hôpital de la Citadelle

*Aptio Automation + 2 Atellica Solution systems + Atellica Diagnostics IT + various 3rd party analyzers

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, samples mix, case mix, level of IT and/or automation adoption) there can be no guarantee that other customers will achieve the same results.

Product availability varies by country and is subject to varying regulatory requirements. Their future availability cannot be guaranteed. Please contact your local representative for availability.

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