

FLOW CYTOMETER
Attune
Medical & Life Sciences

Project Management



Mechanical Engineering



Systems Engineering



Electrical Engineering



Software Engineering



FTE

5

IMPROVED SPEED AND PRECISION OF A FLOW CYTOMETER IN 12 MONTHS

APPROACH

- Provided system capabilities of high collection rates without compromising data
- Provided intuitive user interaction and unparalleled ease of use in flow cytometry
- Minimized footprint and cost to deliver the full benefits of a break-through in-flow cytometry systems

RESULTS

- Achieved a 3x footprint reduction
- Achieved 10x faster sample throughput rates than competing cytometers
- Completed development through pilot production in 12 months
- Design received excellent customer reviews
- Completed design detects events

KEY TECHNOLOGIES

- Primary Systems Integration
- Industrial, Mechanical, and Fluidics Design
- Optics Bench Design
- Manufacturing Support



ALTEN TECHNOLOGY