Scale automation. Reduce cost. Deliver therapies to more patients.

Navigating the path to scalable, deployable, automated manufacturing with the Cell and Gene Therapy Catapult.

1 Plan
your manufacturing strategy

Design for scale from the start

Work with CGT Catapult to:

- Avoid costly redesign and build for growth
- Build an automation roadmap that enables scale-up through phase-appropriate technology adoption



2 Evaluate
automation solutions

Assess automation technologies that will deliver the greatest impact for your process

Work with CGT Catapult to:

- Reduce investment risk and accelerate technology decisions
- Test and verify solutions in our Digital and Automation Testbeds - GMP-mirroring environments within an MHRA-licensed facility



Learn — Continuous improvement cycle — Test

A continuous cycle of testing, learning and verification

- Each cycle increases confidence, reduces risk and drives process performance
- Generates the evidence needed for deployment and scale



3 Optimise
process control and generate data

Generate the evidence needed to confidently scale, validate and transfer your process

Work with CGT Catapult to:

- Improve consistency, robustness and decision-making utilising digital solutions
- Apply Process Analytical Technologies and generate real-time data for process improvement



4 Deploy
automation into GMP manufacturing

Turn proven automation into GMP manufacturing capability

Work with CGT Catapult to:

- Enable compliant, digitally connected deployment
- Accelerate validation, technology transfer and GMP readiness



5 Scale
automated manufacturing

Deliver globally deployable manufacturing solutions

Work with CGT Catapult to:

- Increase capacity and enable patient access to therapies
- Implement scalable, replicable approaches and enable wider adoption



Contact the CGT Catapult to start your automation journey **ct.catapult.org.uk/contact**